

**1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC**

8 deep wells

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contamininants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Organic Compounds, primarily chlorinated solvents and fuels, lower levels of inorganic contaminants

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 9 water wells exist at the base.

VIII.3.D No wells have been abandoned.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

VIII.4.A.1	Location	Surface area size
	Pond 1 by South Gate	3.60 Acres
	Pond 3 by South Border	5.50 Acres
	Pond 4 by Southwest Corner	0.50 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

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VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 1 wastewater treatment facilities (industrial/domestic) are located on-base:

Industrial Waste Treatment Plant

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

National Pollutant Discharge Elimination System Permit

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

Covers 4 storm water discharge locations (3 ponds and 1 continuous discharge near the west gate)

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 39.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c The state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

- VIII.2.A The base potable water supply is On-base and the source is:

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VIII.10.C No part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A There are No floodplains on the base.

12. Cultural

VIII.12.A Historic,prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

392 buildings over 50 years of age	Being considered by State Historic Preservation Office and National Park Service for significant status
Early Homestead Site	Early pioneering homestead area

VIII.12.B 30 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings or structures have been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 15 percent of the base has been surveyed.

VIII.12.D.2 Archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 88 IRP sites have been identified

VIII.13.A.2 14 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2008

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 7 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$1,300.000 K	\$950.000 K	\$1,315.000 K	\$1,280.000 K	\$1,045.000 K
IRP	\$16,115.000 K	\$31,050.000 K	\$24,196.000 K	\$39,694.000 K	\$24,087.000 K
Natural Resources	\$784.000 K	\$1,040.000 K	\$400.000 K	\$400.000 K	\$400.000 K
Other(s) Specify: Air/Water/RCRA/Etc	\$1,863.000 K	\$1,750.000 K	\$3,135.000 K	\$2,360.000 K	\$1,360.000 K
Permits	\$175.000 K	\$415.000 K	\$885.000 K	\$955.000 K	\$975.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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Military Aircraft Associated with the Base	G.1.b	291	G.1.e	165	G.2.b	291	G.2.e	265
Stationary Source	G.1.c	261	G.1.f	123	G.2.c	261	G.2.f	123

Amount of reduced annual emissions of VOCs and NOx resulting from permanent reductions in base activity levels, process changes, or any other measures implemented at the base since 1 Jan 1990

	VOCs		NOx	
Mobile Source Including Aircraft	G.3.a	65	G.3.c	13
Stationary Source	G.3.b	33	G.3.d	0

Amount of increased annual emissions of VOCs and NOx resulting from increased activity levels, facility expansion, process changes, or other means implemented at the base since 1 Jan 1990

Mobile Source Including Aircraft	G.4.a	0	G.4.c	0
Stationary Source	G.4.b	0	G.4.d	0

Computed allowable growth		VOCs		NOx
Mobile Source Including Aircraft	G.5.a	19.40%	G.5.c	31.92%
Stationary Source	G.5.b	12.64%	G.5.d	0
TOTAL	G.5.e	16.44%	G.5.f	23.69%

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 7 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: 6 ea 40K Loaders, 4 ea 25K Loaders, 16 ea 10K Forklifts

III.1.A.2 20 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					
KC-10					

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is available to transient aircraft.

III.1.C.2 6 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
Modified Type 1	600	6	6	6	6

III.1.C.3 2 fuel storage tanks support the operational fuel hydrant system:

Storage tank Capacity:	Tanks with this capacity
50000	2

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- III.1.C.4 The hydrant system is 3.3 miles from the bulk storage area.
- III.1.C.5 No pits are certified for hot pit operations.
- III.1.D The base bulk storage facility is serviced by a pipeline.
- III.1.D.1 The pipeline is the primary fuel source for the bulk storage facility.
- III.1.D.2 There are no limitations to continuous service from the primary source.
- III.1.D.3 1996589 gallons excess fuel storage capacity
Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.
- III.1.D.4 Other receipt modes available: 2 tank trucks, 3 tank cars
Number of offload headers: 5
2 tank trucks can be simultaneously offloaded
3 tank cars can be simultaneously offloaded
- III.1.D.5 7 refueling unit fillstands are available.
- III.1.D.5.a 7 refuelers can be filled simultaneously.
- III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 462857
 maximum: 864000
- III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).
- III.1.D.7.a Supporting DFSP: Hill AFB is a collocated government owned government operated defense fuels supply point
- III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.
- | | Cat 1.1 | Cat 1.2 |
|--|----------|----------|
| III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity: | 23406246 | 54636106 |
| Square footage available (including physical capacity limit): | 7144901 | 526084 |
| III.1.E.2 Normal installation mission storage requirement: | 10586835 | 220747 |
- Physical Limits for Cat 1.1 Munitions:
C-4 Demolition Charges
- III.1.F The base has a dedicated hot cargo pad.
- III.1.F.1 Access to the hot cargo pad is not limited.

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- III.1.F.2** The size of the hot cargo pad is 120,000 sq feet.
- III.1.F.3** The sited explosive capacity of the hot cargo pad is 500,000
- III.1.F.4** The hot pad access is taxi-on/taxi-off.
- III.1.F.5** The taxiway servicing the hot pad is 75 ft wide and has a pavement classification number (PCN) of 100.
- III.1.F.6** Aircraft using pad over the last 5 years:
C-141, C-5, DC-8, L-1011, F-111, F-117, A6, FA-18, F-16, A-10, F-15, F-4, C-130, 747, L-382, L-188, DC-9
- III.1.G** Proximity (within 150 NM) to mobilization elements.
- III.1.G.1** The base is over 150 NM from a ground force installation.
- III.1.G.2** The base is proximate to a railhead.
- Railheads within 150 NM:**
- | | |
|-----------------------|-------|
| Clearfield - Hill AFB | 3 NM |
| Kearns - Bacchus | 29 NM |
| Ogden | 6 NM |
| Tooele - Warner | 40 NM |
- III.1.G.3** The base is over 150 NM from a port.
- III.1.H** The base has a dedicated passenger terminal.
- III.1.I** The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.
- III.1.J** The base medical treatment facility does Not routinely receive referral patients.
- III.1.K** No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

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Blood Donor Center. Federal Coordinating Center (FCC) for the National Disaster Medical Center (NDMS), Maintain War Reserve Materi

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

A pre-award survey has been completed by A/E, but the project design contract has not been awarded. Projected award date was 30 Mar 94

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has been approved.

III.1.M.2 No major MCP has been completed since 1989.

III.1.N Base facilities have a total excess storage capacity of 164,964 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 2,596,750 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	17,305 sq ft
Mobility storage:	1,073 sq ft
War Readiness Support Kits (WRSK) storage:	12,617 sq ft

III.1.N.3 Base supply facilities that have a planned and funded MCP project:

Facility:	Funding:
Conforming Storage, 12,800 Sq ft	1730

III.1.O 355 light military vehicles are on base.

III.1.P 940 heavy military and special vehicles are on base.

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Section IV**1. Base Budget****IV.1 Non-payroll portion of the base budget for prior years:**

IV.1.A xxx56		Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
	XXXX	0.00 \$sK	0.00 \$sK	0.00 \$sK				
	3400	5,113.00 \$sK	0.00 \$sK	5,113.00 \$sK				
FY-92	Appropriation	Direct	Reimbursable					
	3400	6,015.00 \$sK	63.00 \$sK		6,078.00 \$sK			
	XXXX	0.00 \$sK	0.00 \$sK		0.00 \$sK			
FY-93	Appropriation	Direct	Reimbursable					
	3400	8,512.00 \$sK	194.00 \$sK			8,706.00 \$sK		
	XXXX	0.00 \$sK	0.00 \$sK			0.00 \$sK		
FY-94	Appropriation	Direct	Reimbursable					
	3400	1,502.00 \$sK	61.00 \$sK				1,563.00 \$sK	
	XXXX	0.00 \$sK	0.00 \$sK				0.00 \$sK	
xxx56 TOTALS:				5,113.00 \$sK	6,078.00 \$sK	8,706.00 \$sK	1,563.00 \$sK	
IV.1.B xxx76		Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK	0.00 \$sK				
FY-92	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK		0.00 \$sK			
FY-93	Appropriation	Direct	Reimbursable					
	3400	742.00 \$sK	0.00 \$sK			742.00 \$sK		
FY-94	Appropriation	Direct	Reimbursable					
	3400	447.00 \$sK	0.00 \$sK				447.00 \$sK	
xxx76 TOTALS:				0.00 \$sK	0.00 \$sK	742.00 \$sK	447.00 \$sK	
IV.1.C xxx78		Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK	0.00 \$sK				
FY-92	Appropriation	Direct	Reimbursable					
	3400	0.00 \$sK	0.00 \$sK		0.00 \$sK			
FY-93	Appropriation	Direct	Reimbursable					
	3400	6,865.00 \$sK	5,370.00 \$sK			12,235.00 \$sK		
FY-94	Appropriation	Direct	Reimbursable					
	3400							

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	3400	4,367.00 \$sK	875.00 \$sK				5,242.00 \$sK
	xxx78 TOTALS:			0.00 \$sK	0.00 \$sK	12,235.00 \$sK	5,242.00 \$sK
IV.1.D	xxx90	Audio Visual		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable			
	3400	29.00 \$sK	65.00 \$sK	94.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable			
	3400	69.00 \$sK	18.00 \$sK	87.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable			
	3400	66.00 \$sK	27.00 \$sK		93.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable			
	3400	-6.00 \$sK	11.00 \$sK				5.00 \$sK
	xxx90 TOTALS:			94.00 \$sK	87.00 \$sK	93.00 \$sK	5.00 \$sK
IV.1.E	xxx95	Communications		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable			
	3400	1,619.00 \$sK	1,011.00 \$sK	2,630.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable			
	3400	2,055.00 \$sK	899.00 \$sK	2,954.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable			
	3400	2,333.00 \$sK	827.00 \$sK		3,160.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable			
	3400	2,079.00 \$sK	191.00 \$sK				2,270.00 \$sK
	xxx95 TOTALS:			2,630.00 \$sK	2,954.00 \$sK	3,160.00 \$sK	2,270.00 \$sK
IV.1.F	xxx96	Base Operating Support		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable			
	3400	7,723.00 \$sK	1,234.00 \$sK	8,957.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable			
	3400	9,008.00 \$sK	1,292.00 \$sK	10,300.00 \$sK			
	FY-93	Appropriation	Direct	Reimbursable			
	3400	13,536.00 \$sK	7,706.00 \$sK		21,242.00 \$sK		
	FY-94	Appropriation	Direct	Reimbursable			
	3400	10,687.00 \$sK	4,451.00 \$sK				15,138.00 \$sK
	xxx96 TOTALS:			8,957.00 \$sK	10,300.00 \$sK	21,242.00 \$sK	15,138.00 \$sK
IV.1.G	MFH	Military Family Housing		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable			
	xx94	27,674.00 \$sK	7,708.00 \$sK	35,382.00 \$sK			
	7045	3,002.00 \$sK	12.00 \$sK	3,014.00 \$sK			

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FY-92	Appropriation	Direct	Reimbursable				
	7045	3,010.00 \$sK	10.00 \$sK		3,020.00 \$sK		
xx94	20,150.00 \$sK	7,744.00 \$sK		27,894.00 \$sK			
FY-93	Appropriation	Direct	Reimbursable				
	7045	3,114.00 \$sK	9.00 \$sK		3,123.00 \$sK		
xx94	0.00 \$sK	0.00 \$sK		0.00 \$sK			
FY-94	Appropriation	Direct	Reimbursable				
	xx94	0.00 \$sK	0.00 \$sK			0.00 \$sK	
7045	834.00 \$sK	1.00 \$sK				835.00 \$sK	
MFH TOTALS:				38,396.00 \$sK	30,914.00 \$sK	3,123.00 \$sK	835.00 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: 71,553,328.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 1,409\$sM

Twenty year Net Present Value 514\$sM

Steady state savings 70\$sM per year

Manpower savings associated with closure 1,450

Return on Investment (years): 30

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Section VI Economic Impact**Economic Area Statistics:****Salt Lake City-Ogden, UT MSA****Total population: 1,127,000 (FY 92)****Total employment: 659,460 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****3.6% / 4.3% / 4.8%****Average annual job growth: 14,859****Average annual per capita income: \$16,864****Average annual increase in per capita income: \$4.7%****Projected economic impact:**

Direct Job Loss:	14,677	
Indirect Job Loss:	<u>18,751</u>	
Closure Impact:	33,428	(5.1% of employment total)
Other BRAC Losses:	<u>(1,520)</u>	
Cumulative Impact:	31,908	(4.8% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 7.6 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$648

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
Utah Transit Authority (Bus Service)
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 28 miles
- VII.1.B.2 Airport name: Salt Lake International
- VII.1.B.3 Number of commercial air carriers available at the airport: 8
- VII.1.B.4 Average round trip commuting time to work: 28 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

	Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time
VII.1.C.1	Swimming pool	Clearfield Municipal Pool	1	0 Hrs. 02 Min.
VII.1.C.2	Movie theater	Cinemark Movies 10	2	0 Hrs. 04 Min.
VII.1.C.3	Public golf course	Valley View	5	0 Hrs. 10 Min.
VII.1.C.4	Bowling lane	Davis Lanes	3	0 Hrs. 05 Min.
VII.1.C.5	Boating	Willard Bay	15	0 Hrs. 20 Min.
VII.1.C.6	Fishing	Weber River	3	0 Hrs. 05 Min.
VII.1.C.7	Zoo	Hogle Zoo	30	0 Hrs. 45 Min.
VII.1.C.8	Aquarium	Hogle Zoo	30	0 Hrs. 45 Min.
VII.1.C.9	Family theme park	Lagoon	15	0 Hrs. 25 Min.
VII.1.C.10	Professional sports	Delta Center	28	0 Hrs. 40 Min.
VII.1.C.11	Collegiate sports	Weber State University	12	0 Hrs. 20 Min.

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VII.1.C.12	Camping facilities	Cherry Hill	11	0 Hrs.	20	Min.
VII.1.C.13	Beaches (lake or ocean)	Antelope Island	15	0 Hrs.	20	Min.
VII.1.C.14	Outdoor winter sports	Snow Basin Ski Resort	28	0 Hrs.	45	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Layton Hills Mall 0 hrs 4 min (2 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Ogden, Utah 0 hrs 15 min (6 Miles)

Local area crime rate:

- VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 374
- VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 6404

2. Education

- VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 28 to 1
- VII.2.B Local high schools offer a four-year English program.
- VII.2.B Local high schools offer a four-year Math program.
- VII.2.B Local high schools offer four-year Foreign Language programs.
- VII.2.C Local high schools offer an Honors program.
- VII.2.D 68.0 percent of high school students go on to either a two- or four-year college
- VII.2.E There are opportunities for off-base education within 25 miles of the base.
- VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:
Davis ATC/Ogden ATC/LDS Business College/American Tech Center/Brynum School/ITT Institute/ Stevens Henegar College of Business
- VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:
Weber State University/University of Phoenix/Utah State University
- VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:
Weber State University/University of Phoenix/Utah State University

3. Spousal Employment

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- VII.3.A 35.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 46.6 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 3.6 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 9.3 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 3.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 3.3 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: Utah State Dept of Environmental Quality/Div of Air Quality

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Moderate
-------	----------

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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Bountiful Sky Park	Uncontrolled
Brigham City Airport	Uncontrolled
Camp Williams Airport	Uncontrolled
Evanston Airport-Evanston WY	Uncontrolled
Heber Valley Airport	Uncontrolled
Logan-Cache Airport	Uncontrolled
Morgan County Airport	Uncontrolled
Ogden Hinckley Municipal	Civilian
Salt Lake City #2	Uncontrolled
Salt Lake International Airport	Civilian
Tremonton Municipal	Uncontrolled

I.2.E.14 **Civilian/commercial operators or other airspace users constrain or limit operations:**

I.2.E.14.a **Description of impacts:** Zoom Departure - Scheduling constraint by the traffic flown at Salt Lake International Quiet Hour - transient aircraft are restricted to full-stop only. All base assigned missions are accomplished within the operational hours of airfield.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** Expansion of training airspace is possible.
- I.2.F.1.a** Estimated expansion potential is 20.0 percent. Rationale for estimate:
LUCIN A&B MOAs may be raised to 18,000 ft and an ATCAA established over the MOAs from 18,000 ft to 58,000 ft.
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.

- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
CAMP W.G. WILLIAMS
42 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
Fallon NAS, Nevada
325 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
366 CW Mt Home AFB ID
205 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 **No technical training mission.**

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 **Percentage of time the weather is at or above (ceiling / visibility)**

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
98.9	97.7	94.2	92.5	91.6

I.2.J.2 **Crosswind component to the primary runway:**

I.2.J.2.a **Is at or below 15 knots 97.8 percent of the time**

I.2.J.2.b **Is at or below 25 knots 99.7 percent of the time**

I.2.J.3 **65 Days have freezing participation (mean per year).**

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Section II

1. Installation Capacity & Condition

A. Land

Site	Description	Total Acreage	Average Presently Developed	Average Suitable for New Development
II.A.1 Boulder, Wyoming	AF Owned	108	1	107
II.A.2 Hill AFB UT	Main Base	6,698	4,339	2,353
II.A.3 Little Mountain	AF Owned	740	7	733
II.A.4 Middle Marker	AF Owned	4	1	3
II.A.5 UTTR	AF Owned	7,275		7,265
II.A.6 UTTR/BLM	Withdrawn BLM	947,196	362	431,834
TOTALS:		962,021	4,710	442,295

B. Facilities
II.1.B.1 From real property records:

Facility Category Code	Category Description	Units or Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	Excess Capacity (C)
II.1.B.1.a.i	Hydrant Fueling System Pits	EA	6	6	100.0	0.0	0.0	0
II.1.B.1.a.ii	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	Communications-Buildings	SF	N/A	109,606	94.0	6.0	0.0	N/A
II.1.B.1.c	Operations-Buildings	SF	N/A	1,343,246	83.0	16.0	1.0	N/A
II.1.B.1.c.i	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	Squadron Operations	SF	163,771	122,828	83.0	17.0	0.0	0
II.1.B.1.c.iii	Air Freight Terminal	SF	66,214	75,900	100.0	0.0	0.0	9,686
II.1.B.1.c.iv	Air Passenger Terminal	SF	1,566	1,566	100.0	0.0	0.0	0
II.1.B.1.c.v	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	Training Buildings	SF	N/A	234,016	64.0	17.0	19.0	N/A
II.1.B.1.d.i	Fight Training	SF	5,528	0		0.0	0.0	0
II.1.B.1.d.ii	Combat Crew Tmg Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	Fight Simulator Training (High Bay)	SF	11,200	11,200	100.0	0.0	0.0	0
II.1.B.1.d.iv	Companion Tmg Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	Field Training Facility	SF	21,844	23,360	94.0	0.0	6.0	1,516
II.1.B.1.e	Maintenance Aircraft	SF	N/A	2,421,752	50.0	49.0	1.0	N/A
II.1.B.1.e.i	Maintenance Hanger	SF	130,988	116,794	49.0	51.0	0.0	0

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II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	883,290	744,650	80.0	18.0	2.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	20,065	22,449	56.0	26.0	18.0	2,384
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	52,438	57,180	100.0	0.0	0.0	4,742
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	83,127	52,556	23.0	77.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	101,370	141,833	73.0	27.0	0.0	40,463
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	148,345	148,345	74.0	26.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	91,553	97,207	69.0	31.0	0.0	5,654
II.1.B.1.e.xiii	211-183	Test Cell	SF	99,424	99,424	0.0	0.0	100.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	486,652	90.0	9.0	1.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	138,496	177,809	100.0	0.0	0.0	39,313
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	33,268	33,268	100.0	0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	22,620	22,620	100.0	0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	158,185	99.0	1.0	0.0	0
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	71,383	104,549	100.0	0.0	0.0	33,166
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	4,900	4,921	100.0	0.0	0.0	21
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	25,000	25,000	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	308,544	57.0	43.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	126,586	169,976	48.0	52.0	0.0	43,390
II.1.B.1.j.ii	217-712a	LANTIRN	SF	47,090	47,090	100.0	0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	11,408	28,887	100.0	0.0	0.0	17,479
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	193,845	303,006	80.0	19.0	1.0	109,161
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	38,469	28,713	100.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	41,390	67,348	42.0	56.0	2.0	25,958
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	181,172	68.0	30.0	2.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	76,381	100.0	0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A

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II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	104,890	110,915	100.0	0.0	0.0	6,025
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	679,476	91.0	0.0	9.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	19,760	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	127,763	122,830	100.0	0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	210,943	218,838	96.0	0.0	4.0	7,895
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	657	73,610	26.0	0.0	74.0	72,953
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	600	600	100.0	0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	1,914,262	72.0	1.0	27.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	125,639	5.0	18.0	77.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	50	50	0.0	0.0	100.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	361,673	0		0.0	0.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	99,934	100.0	0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	3,382	100.0	0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	5,270	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	17,280	100.0	0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	1,601,282	88.0	7.0	5.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	1,860	1,860	100.0	0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	2,058	87.0	10.0	3.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	1,860	1,344	95.0	5.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	16,407	83.0	17.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	16,500	16,407	83.0	17.0	0.0	16,407
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	136	59.0	1.0	40.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	110,736	74.0	23.0	3.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	671,713	91.0	1.0	8.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	9,000	8,844	100.0	0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.a.i	121-122a:	See additional information disk/paper copy.
II.1.B.1.a.ii	121-122aa:	See additional information disk/paper copy.
II.1.B.1.b	131a:	
II.1.B.1.c	141a:	
II.1.B.1.c.i	141-232a:	

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II.1.B.1.c.ii	141-753a:
II.1.B.1.c.iii	141-782a:
II.1.B.1.c.iv	141-784a:
II.1.B.1.c.v	141-785a:
II.1.B.1.d	171a:
II.1.B.1.d.i	171-211a:
II.1.B.1.d.ii	171-211aa:
II.1.B.1.d.iii	171-212a:
II.1.B.1.d.iv	171-212aa:
II.1.B.1.d.v	171-618a:
II.1.B.1.e	211a:
II.1.B.1.e.i	211-111a:
II.1.B.1.e.ii	211-152a:
II.1.B.1.e.iii	211-152aa:
II.1.B.1.e.iv	211-153a:
II.1.B.1.e.v	211-154a:
II.1.B.1.e.vi	211-157a:
II.1.B.1.e.vii	211-157aa:
II.1.B.1.e.viii	211-159a:
II.1.B.1.e.ix	211-173a:
II.1.B.1.e.x	211-175a:
II.1.B.1.e.xi	211-177a:
II.1.B.1.e.xii	211-179a:
II.1.B.1.e.xiii	211-183a:
II.1.B.1.f	212a:
II.1.B.1.f.i	212-212a:
II.1.B.1.f.ii	212-212aa:
II.1.B.1.f.iii	212-213a:
II.1.B.1.f.iv	212-220a:
II.1.B.1.g.	214a:
II.1.B.1.g.i	214-425a:
II.1.B.1.g.ii	214-467a:
II.1.B.1.h	215-552a: See additional information disk/paper copy..

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II.1.B.1.j	216-642a:
II.1.B.1.j	217a:
II.1.B.1.j.i	217-712a:
II.1.B.1.j.ii	217-712aa:
II.1.B.1.j.iii	217-713a:
II.1.B.1.k.i	218-712a:
II.1.B.1.k.ii	218-852a:
II.1.B.1.k.iii	218-868a:
II.1.B.1.l	219a:
II.1.B.1.m	310a:
II.1.B.1.n	311a:
II.1.B.1.o	312a:
II.1.B.1.p	315a:
II.1.B.1.q	317a:
II.1.B.1.r	318a:
II.1.B.1.s.i	411-135a:
II.1.B.1.t	422a: See additional information disk/p[aper copy.
II.1.B.1.t.i	422-253a:
II.1.B.1.t.ii	422-258a:
II.1.B.1.t.iii	422-264a:
II.1.B.1.t.iv	422-265a:
II.1.B.1.t.v	422-275a:
II.1.B.1.u	441a:
II.1.B.1.v	442a: See additional information disk/paper copy.
II.1.B.1.v.i	442-257a: See additional information disk/ paper copy.
II.1.B.1.v.ii	442-258a: See additional information disk/paper copy.
II.1.B.1.v.iii	442-758a: See additional information disk/paper copy.
II.1.B.1.v.iv	442-758a: See additional information disk/paper copy.
II.1.B.1.v.v	442-758b: See additional information disk/paper copy.
II.1.B.1.w	510a:
II.1.B.1.x	530a:
II.1.B.1.z	550a:
II.1.B.1.aa	610a:

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II.1.B.1.aa.i	610-144a:
II.1.B.1.aa.ii	610-144a:
II.1.B.1.bb	721a:
II.1.B.1.bb.i	721-312a:
II.1.B.1.cc	722a:
II.1.B.1.cc.i	722-351a:
II.1.B.1.dd	724a:
II.1.B.1.ee	730a:
II.1.B.1.ff	740a:
II.1.B.1.gg	852-273a:

II.1.B.2 From in-house survey:

	Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111	Aircraft Pavement-Runway(s)	SY	300,000	100.0	0.0	0.0
II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	368,434	100.0	0.0	0.0
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	843,133	100.0	0.0	0.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	47,336	100.0	0.0	0.0
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	1,265,212	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	417,391	70.0	30.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	484,175	63.0	37.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	1,123,706	80.0	20.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	48,502	80.0	20.0	0.0
II.1.B.1.j	851	Roads	SY	2,752,196	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	1,274,630	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.a	111a:
II.1.B.1.b	112a:
II.1.B.1.c	113a:
II.1.B.1.d	116-662a:
II.1.B.1.e	812a:
II.1.B.1.f	822a:
II.1.B.1.g	832
II.1.B.1.i	843a:

Above is sewage: 447,000. Industrial Waste Water is: Current -37,175 GPD; Cond Code 1 - 75%, Cond Code 2 - 25%

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II.1.B.1.j a: 150 miles, 45,000 PSFII.1.B.1.k a: 45,000 PSF**C. Family Housing (Facility Category Code 711)****II.1.C.1 Capacity (housing Inventory)**

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 31.0 percent of officer families live on base.

II.1.C.3.b 30.0 percent of enlisted families live on base.

II.1.C.3.a 31.0 percent of all military families live on base.

2. Airfield Characteristics**II.2 Runway Table:**

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
	Length	Width		Number	Types
14 Primary	13500 ft	200 ft	No	4	RAK 12 and RAK 9

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- II.2.A** There are 1 active runways.
- II.2.A.1** There are NO cross runways
- II.2.B** There are 1 parallel runways (excluding main runway).
- II.2.C** Dimensions of the primary runway (14).
- II.2.C.1** Length: 13,500 ft
- II.2.C.2** Width: 200 ft
- II.2.D** Dimensions of all secondary runways are in the runway table.
- II.2.E** The primary taxiway is 75 ft wide.
- II.2.F** Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency(AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

Aircraft Group		Criteria		Primary Pavements			
				Runways	Taxiways	Aprons	
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

- II.2.F.9** Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a)	(9.b)	(9.c)
		Unit of Measure	Quantity	Description of Work
Aprons	B-1B	CY	11,160	Increase PCC depth, 15" to 18"
Taxiway	B-1B	CY	39,055	Rebuild taxiway keel, 20"
Runway	B-1B	CY	613,730	REBUILD ACTIVE RUNWAY KEEL, 15"
Aprons	B-52	CY	11,160	increase PCC depth, 15" to 20"
Taxiway	B-52	CY	39,055	rebuild taxiway keel, 20"
Runway	B-52	cy	61,373	Rebuild active runway keel, 15"

- II.2.G** Excess aircraft parking capacity for operational use.

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II.2.G.1 The total usable apron space for aircraft parking is 472,222 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
270 Area Ramp	200 ft	1,600 ft	Primary Aircraft	Depot Aircraft
388 FW Ramp	1,100 ft	2,000 ft	Primary Aircraft	3 (18UE) Squad F-16
419 FW Ramp	700 ft	1,100 ft	Primary Aircraft	1 (18UE) Squad. F-16
Air Freight Ramp	375 ft	325 ft	Transient Aircraft	Not Used
Air Freight Ramps	275 ft	1,200 ft	Transient Aircraft	Not Used
Alert Parking Spot 2	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Alert Parking Spot 3	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Alert Parking Spot 4	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Alert Parking Spot 5	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Alert Parking Spot 6	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Alert Parking Spot 7	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Alert Parking Spot1	50 ft	200 ft	Transient Aircraft	KC-135 Aircraft
Base Ops North Ramp	300 ft	800 ft	Transient Aircraft	C-5, C-141, etc.
East Ramp	600 ft	1,600 ft	Primary Aircraft	Flight Test/C-130s
Transient West Ramp	600 ft	1,000 ft	Transient Aircraft	C-5, C-141, etc.

II.2.G.2 Permanently assigned aircraft currently require 414,257 Sq Yds of parking space.

II.2.G.3 109,281 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

None

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J There are No critical features relative to the airfield pavement system that limit its capacity:

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	13.6 MG/D	MG/D - million gallons per day	36 %
II.3.A.2 Sewage:	14.8 MG/D		10 %
II.3.A.3 Electrical distribution:	74.0 MW	MW - million watts	56 %
II.3.A.4 Natural Gas:	61.10 MCF/D	MCF/D - million cubic feet per day	17 %
II.3.A.5 High temperature water/steam generation/distribution:	820.0 MBTUH	MBTUH - million British thermal units per hour	27 %

II.3.B Characteristics regarding the utility system that should be considered:

1. Utah Power and Light Electrical Distribution system can supply an additional 45% above current requirements.
2. Mountain Fuel Supply can supply an additional 54% above current requirements.
3. Hill AFB is located in an energy rich area.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 25 Hanger
Current Use: Scheduled periodic maint, inspection, overhaul

II.4.A.2 Size (SF): 38,024 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-23A

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	90 ft	23 ft	
II.4.A.6 Largest unobstructed space inside the facility:	275 ft	24 ft	68 ft

II.4.A.1 Facility number: 37 Hanger
Current Use: Weapons Loading Training

II.4.A.2 Size (SF): 23,938 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-23A

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	153 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	144 ft	20 ft	84 ft

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II.4.A.1 Facility number: 40 Hanger
Current Use: Maintenance Training

II.4.A.2 Size (SF): 19,940 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	179 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	133 ft	20 ft	60 ft

II.4.A.1 Facility number: 42 Hanger
Current Use: Squadron Maintenance

II.4.A.2 Size (SF): 17,261 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	148 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	137 ft	20 ft	59 ft

II.4.A.1 Facility number: 43 Hanger
Current Use: Corrosion Control

II.4.A.2 Size (SF): 21,594 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-10

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	179 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	172 ft	21 ft	57 ft

II.4.A.1 Facility number: 45 Hanger
Current Use: Squadron Maintenance

II.4.A.2 Size (SF): 98,436 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	180 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	316 ft	21 ft	58 ft

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II.4.A.1 Facility number: 48 Hanger
Current Use: Corrosion Control

II.4.A.2 Size (SF): 24,985 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	179 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	121 ft	18 ft	58 ft

II.4.A.1 Facility number: 576 Hanger
Current Use: Fuel Dock

II.4.A.2 Size (SF): 4,800 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	50 ft	21 ft	
II.4.A.6 Largest unobstructed space inside the facility:	70 ft	30 ft	73 ft

II.4.A.1 Facility number: 578 Hanger
Current Use: Avionics Dock

II.4.A.2 Size (SF): 4,064 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	50 ft	21 ft	
II.4.A.6 Largest unobstructed space inside the facility:	60 ft	30 ft	46 ft

II.4.A.1 Facility number: 590 Hanger
Current Use: Aircraft Maintenance

II.4.A.2 Size (SF): 35,160 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-141

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	40 ft	
II.4.A.6 Largest unobstructed space inside the facility:	173 ft	40 ft	196 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
Lith bat strge/disch fac	7,636 SF	215555	Only AF facility environmentally controlled and equipped with bat

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			tery discharge equipment used for the storage and discharge of lithium batteries.
Adv Cruise Msl Image Rdr Fac	7,302 SF	212212	Dod unique facility for depot level AIRS
Automated Ldg Gear Repair Fac	377,009 SF	211254	Repair and overhaul 70% of landing gear within DoD inventory
Cold soak/heat soak	5,670 SF	222222	Facilities are used for temperature conditioning to control temperature of Minuteman motors at -45 degrees F to +175 degrees F. The only DoD facility designed for MM motors.
Compass Trans/MagAz Detector	5,500 SF	211271	One of two in DoD for repair and testing of compass transmitters and magnetic azimuth detectors
Computed Tomography	11,000 SF	222222	Fac used to assess a multitude of items, including large rocket motors for MM and PK.
High Energy X-Ray	10,379 SF	222222	Assess large components of Peacekeeper. Only system capable of producing the amount of volts required to penetrate large missile components.
LGM-30 Shock Isolator facility	17,104 SF	222222	One of a kind facility within the DoD. Shock isolator test stand, linear actuator test stand, and hydraulic pressure system. Fac will withstand enormous loads placed on them while testing.
Liquid propellant decon	5,670 SF	222222	Facilities are used to decontaminate missile recovery equipment used to mitigate or provide abatement to hazardous spills or rocket engine liquid fuels.
MM Stg I,II,III assem/repair	76,928 SF	222222	Facility used to disassemble, assemble, and repair MM Stage I,II and III missile motors.
Maverick Msl Repair & Overhaul	14,217 SF	171214	DoD depot overhaul facility for Maverick missiles
Missile trans/Support PK/MM	3,668 SF	222222	Horizontal rail system used for carriage and end ring change of MM and PK missiles. Lifting capability for rocket motors and booster assembly.
Motr dissect/Prop anal fac	10,379 SF	222222	Facility used to dissect and analyze solid rocket motor propellant.
Msl support equip repair fac	141,560 SF	222222	Facilities are the service and repair center for large truck, tractor equip associated with MM and PK.
PK Stage I,II,III storage fac	13,274 SF	222222	Fac used to disassemble, assemble, and repair PK Stg I,II,III missile motors.
Photo Image Qual Test Fac	11,000 SF	212212	Only DoD PIQTF and Cartographic Camera Calibration Facility testing facility
Phys and Chem Test Fac	17,202 SF	222222	Fac used to perform phys and chem evals for the MM and PK surveillance program.
Propulsion Sys Rckt Eng Fac	5,208 SF	222222	Facilities are used for MM and PK maint and repair.

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Ram Air Turbine Wind Tunnel	4,783 SF	211252	Only RAM air turbine test facility in the AF
Rocket Mtr Storage MM & PK	340,951 SF	222222	Add'l Cat Codes: 212216, 422256, 422257, 422264. Storage facilities for rockets and motors
Rocket motor static firing fac	6,638 SF	222222	Used to static fire MM rocket motors.
Strat Missile Integ Complex	58,368 SF	222222	Facilities are used to test Minuteman and Peacekeeper missiles by simulating launch scenarios.
Survive/Vulner Integ Ctr	81,008 SF	222222	Used to test defense systems, including Minuteman and Peacekeeper missiles, through simulation testing of nuclear hardness, survivability, reliability, and electromagnetic compatibility.
Test Cubical	9,171 SF	222222	Fac used for detonation of MM and PK ordinance devices and monitoring equipment to test cartridge activated devices for integrity and performance.
Thermal Treatment Unit	21,000 SF		21,000 ACRES. Only environmentally licensed propellant disposal site capable of disposing of MM & PK solid rocket motor propellant
Trans/hndlng hoist prf-lld tst	248 SF	214469	Facility used to simulate the wieght of the Minuteman missile.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1	14	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	32	CZ	0	207	5.0	Sig Incompat	0.0	0.0	0.0	5.0	0.0	95.0
II.6.A.2	14	APZ 1	72	344	4.0	Gen Compat	4.0	0.0	0.0	0.0	0.0	96.0
	32	APZ 1	400	534	11.0	Sig Incompat	11.0	0.0	0.0	0.0	0.0	89.0
II.6.A.3	14	APZ 2	42	207	2.0	Gen Compat	2.0	0.0	0.0	0.0	44.0	54.0
	32	APZ 2	0	0	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	6,059	3,771	7	Incompat	19.0	0.0	0.0	1.0	0.0	80.0	
II.6.A.5	70-75	1,959	1,973	3	Gen Compat	7.0	0.0	0.0	3.0	0.0	90.0	
II.6.A.6	75-80	1,513	859	14	Sig Incompat	13.0	9.0	1.0	0.0	0.0	77.0	

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II.6.A.7	80+	102	247	7	Incompat	2.0	2.0	2.0	2.0	0.0	91.0
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II.6.B Percent future off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.1	14	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	32	CZ	0	207	5	Sig Incompat	0.0	0.0	0.0	5.0	0.0	95.0
II.6.B.2	14	APZ 1	72	344	4	Gen Compat	4.0	0.0	0.0	0.0	0.0	96.0
	32	APZ 1	400	534	11	Sig Incompat	11.0	0.0	0.0	0.0	0.0	89.0
II.6.B.3	14	APZ 2	42	207	2	Gen Compat	2.0	0.0	0.0	0.0	44.0	54.0
	32	APZ 2	0	0	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.4	65-70	8,153	3,771	7	Incompat	25.0	1.0	0.0	1.0	0.0	73.0
II.6.B.5	70-75	2,635	1,973	3	Gen Compat	10.0	0.0	0.0	3.0	0.0	87.0
II.6.B.6	75-80	1,503	859	14	Sig Incompat	13.0	9.0	1.0	0.0	0.0	77.0
II.6.B.7	80+	102	247	7	Incompat	2.0	2.0	2.0	2.0	0.0	91.0

II.6.C The most recent, publicly released AICUZ study is dated Sep 93

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft
Subsection reflects the number of daily flying operations conducted by all assigned aircraft
Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on Jun 93
The study is still valid.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Building Codes	Yes, all residential building prohibited in APZ Zones

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II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Zoning and Easements	Utah State Government has purchased restrictive easements which prohibits incompatible development

II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Zoning and Easements	Utah State Government has purchased restrictive easements which prohibits incompatible development

II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Building Codes	Efforts are underway to incorporate noise attenuation in the State-wide building code for the 65-75 Ldn area. This will prevent all future incompatible construction in the lower noise areas.

II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Building Codes	Efforts are underway to incorporate noise attenuation in the State-wide building code for the 65-75 Ldn area. This will prevent all future incompatible construction in the lower noise areas.

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Zoning, Building Codes and Easements	Utah has enacted legislation to purchase easements in the high noise area. A building moratorium immediately stops all incompatible development.

II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Layton City	Zoning, Building Codes, and Easements.	Utah has enacted legislation to purchase easements in the high noise area.

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

Significant development is projected for one or more AICUZ zone.

Summary of existing, started, announced, or anticipated development:

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Summary of existing, planned, announced, or anticipated development.

Areas Impacted	Type of Development	Status	Projected Completion	Jurisdiction	Other details and size of the development
65-70	Residential	Existing	TBD	Layton City	Compatible residential and light commercial development is ongoing. HUD and VA residential financing and the Utah energy code ensure compatible development. Completion date - Year of 2014.
70-75	Residential	Existing	TBD	Layton City	Compatible residential development is on going. The Utah energy code and the proposed state building code amendment will ensure compatible development. Completion Date - Year of 2014.
75-80	Industrial	Existing	Apr 94	Layton City	No development anticipated. State of Utah is purchasing restrictive easements tp prevent incompatible development.
80+	Industrial	Existing	Apr 94	Layton City	No development anticipated. State of Utah is purchasing restrictive easements to prevent incompatible development.
CZ	Low Density	Existing	Apr 94	Hill AFB, Utah	No development is anticipated, USAF controls all undeveloped land.
APZ 1	Industrial	Existing	Apr 94	Layton City	No developmetn is anticipated. State of Utah has purchased some restrictive easements and is in the process of purchasing restrictive easements on the remainder of the APZ to prevent incompatible development.
APZ 2	Industrial	Existing	Apr 94	Layton City	No development is anticipated. The State of Utah is purchasing restrictive easements to preven incompatible development.

Long range (20 year) development trends in the 7 AICUZ zones:

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Sunset	4235	6268	5732	5854	5739
South Weber	382	1073	1575	3859	7174
Roy	9239	14356	19694	24603	29000
Riverdale	1848	3764	6031	6419	6800
Layton	9027	13603	22862	46338	61878
Clearfield	8833	13316	17982	22126	25772

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
OGDEN	0	1756190	221131	282044	300457

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Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Weber County	110744	126278	144616	158330	173974
Davis County	64760	99028	146540	205495	260832

II.6.I All clear zone acquisition has been completed.

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 8.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 a. Climb to assigned altitude as rapidly as possible. b. Do not fly below 1000 AGL with 10 miles of the base. c. Avoid flying over schools, churches, hospitals. Not sufficient room to list all procedures, PLEASE see add information on disk and paper.

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- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
FAA published hours for the UTTR are continuous (24 hrs/per day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 4,503 hrs
- I.2.E.7.b** Hours used: 4,245 hrs
- I.2.E.7.c** Reasons for non-use:
Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
832 sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: Lucin A
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Completed
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 FAA published hours for the UTTR are continuous (24 hours/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 4,448 hrs
- I.2.E.7.b** **Hours used:** 4,226 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 1414 sq NM
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: Lucin B
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Complete
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

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The DOPAA was used in the latest environmental analysis and supersonic waiver.
 Explanation for any lack of reports:

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
 FAA published hours for the UTTR are continuous (24 hours/day)
 Range scheduling statistics (yearly average from 1990 to 93).
I.2.E.7.a Hours scheduled: 4,448 hrs
I.2.E.7.b Hours used: 4,226 hrs
I.2.E.7.c Reasons for non-use:
 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
 992 sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
 Airspace: Lucin C
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
 Complete

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- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
FAA published hours for the UTTR are continuous (24 hours/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 4,448 hrs
- I.2.E.7.b** Hours used: 4,226 hrs
- I.2.E.7.c** Reasons for non-use:
Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
120 sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: R6402A
- I.2.E.2** An environmental analysis has been conducted for this airspace.

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- I.2.E.2.a** **Status of the environmental analysis and supplement:**
Completed
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 4,530 hrs
- I.2.E.7.b** **Hours used:** 4,278 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 991 sq NM
- I.2.E.11** **100.00 percent of the airspace is usable.**

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Airspace: R6402B

- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Completed
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 4,530 hrs
- I.2.E.7.b** Hours used: 4,278 hrs
- I.2.E.7.c** Reasons for non-use:
Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:

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36 sq NM

- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: R6404A
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Completed
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 4,474 hrs
- I.2.E.7.b** Hours used: 4,224 hrs
- I.2.E.7.c** Reasons for non-use:
Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.

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- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
1120 sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: R6404B
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Completed
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 4,530 hrs
- I.2.E.7.b** Hours used: 4,278 hrs
- I.2.E.7.c** Reasons for non-use:

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Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.

- I.2.E.8 Utilization of the airspace can be increased.**
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
202 Sq NM
- I.2.E.11 100.00 percent of the airspace is usable.**
Airspace: R6404C
- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
Completed
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 There are No restrictions currently acting on this airspace**
- I.2.E.7 Published availability of the airspace:**
FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled: 4,471 hrs**

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- I.2.E.7.b** Hours used: 4,224 hrs
- I.2.E.7.c** Reasons for non-use:
Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
168 sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: R6405
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Completed
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.3.a** Fish Springs Wildlife Refuge Not Listed
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace

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- I.2.E.7 Published availability of the airspace:**
FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled:** 5,012 hrs
- I.2.E.7.b Hours used:** 4,263 hrs
- I.2.E.7.c Reasons for non-use:**
Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8 Utilization of the airspace can be increased.**
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
1945 sq NM
- I.2.E.11 100.00 percent of the airspace is usable.**
Airspace: R6406A
- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
Completed
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**

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- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 4,515 hrs
- I.2.E.7.b** **Hours used:** 4,263 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 850 sq NM
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: R6406B
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Completed
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**

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- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 4,512 hrs
- I.2.E.7.b** **Hours used:** 4,263 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 47 sq NM
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: R6407
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Completed
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**

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I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

 FAA published hours for the UTTR are continuous (24 hrs/day)

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled:** 4,512 hrs

I.2.E.7.b **Hours used:** 4,523 hrs

 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

 652 sq NM

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: Sevier A

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

 Completed

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

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- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 4,503 hrs
- I.2.E.7.b** **Hours used:** 4,245 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Start-up time to allow non-DoD aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 1010 sq NM
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: Sevier B
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Completed
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**

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- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 There are No restrictions currently acting on this airspace**
- I.2.E.7 Published availability of the airspace:**
FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled: 4,503 hrs**
- I.2.E.7.b Hours used: 4,245 hrs**
- I.2.E.7.c Reasons for non-use:**
Start-up time to allow non-DoD aircfat to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8 Utilization of the airspace can be increased.**
- I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
2197 sq NM
- I.2.E.11 100.00 percent of the airspace is usable.**
Airspace: Sevier C
- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
Completed.
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 FAA published hours for the UTTR are continuous (24 hrs/day)
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 78 hrs**
- I.2.E.7.b** **Hours used: 68 hrs**
- I.2.E.7.c** **Reasons for non-use:**
 Start-up time to allow non-Dod aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 1010 Sq NM
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: Sevier D
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Completed
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

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The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
 FAA published hours for the UTTR are continuous (24 hr/day)
 Range scheduling statistics (yearly average from 1990 to 93.)
- I.2.E.7.a** Hours scheduled: 73 hrs
- I.2.E.7.b** Hours used: 68 hrs
- I.2.E.7.c** Reasons for non-use:
 Start-up time to allow non-Dod aircraft to clear area. Aircraft are delayed by weather at home/launch station.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
 2197 Sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
- Commercial Aviation Impact**
- I.2.E.12** The base is Not joint-use (military/civilian).
- I.2.E.13** List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Bolinder Field-Tooele Valley Airport	Uncontrolled

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	American Federation of Gov Employees	-	-	2	2
I.1.A.2	American First Credit Union	-	-	18	18
I.1.A.3	American Red Cross	-	-	1	1
I.1.A.4	Army-Tooele Army Depot Rail Shop	-	-	48	48
I.1.A.5	Army-US Corps of Engineers	1	-	24	25
I.1.A.6	Army-Veterinary Services	1	1	-	2
I.1.A.7	Arts and Crafts	-	-	8	8
I.1.A.8	Base Restaurant	-	-	100	100
I.1.A.9	Bowling Center	-	-	17	17
I.1.A.10	Child Development Center	-	-	32	32
I.1.A.11	Civilian Recreation	-	-	7	7
I.1.A.12	DIS	-	-	6	6
I.1.A.13	DLA Liaison	-	1	1	2
I.1.A.14	DLA-Def Reutilization and Marketing	-	-	60	60
I.1.A.15	DLA-Hill Site Distribution	-	-	539	539
I.1.A.16	Defense Commissary Agency	-	9	64	73
I.1.A.17	Defense Contract Audit Agency	-	-	1	1
I.1.A.18	Defense Finance Accounting Svc	1	8	146	155
I.1.A.19	Defense Fuel Region West	-	-	1	1
I.1.A.20	Defense Information Services	4	48	359	411
I.1.A.21	Defense Printing Service	-	-	31	31
I.1.A.22	Financial Branch	-	-	11	11
I.1.A.23	First Security Bank	-	-	13	13
I.1.A.24	Golf Course	-	-	44	44
I.1.A.25	Human Resources	-	-	4	4
I.1.A.26	Lodging Facility	-	-	41	41
I.1.A.27	Market Publicity Office	-	-	3	3

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I.1.B.9 Supported Unit: Wendover Operations

GSU

GSU - Geographically Separated Unit

Location: Wendover, Utah

REM - Remote Unit

Support provided: HTSA. Support from Hill AFB is provided in the following areas: public affairs; social actions; security; admin services; suggestion program; visual info service; training; legal services; civilian personnel; contracting; accounting/finance; supply, food services; MWR; billeting; medical; transportation services; civil engineer support; explosive ordnance disposal; vehicle maint; small computer/office machine repair/maint; PMEL support; comm support; limited security support; environmental, and barrier repair maintenance .

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	3	86289	2985	83224	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 14
 82000 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:
 None

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 1

The total number of sorties per month: 26251

The average length of the delays: 0:15

I.2.A.6.b There is a common rationale for the delays:

No operational mission impact. Please see additional info attached to submittal.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT CARSON distance 363 NM
 Nearest major primary airdrop customer: CAMP W.G. WILLIAMS distance 42 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 3906 NM

Rota AB: 4937 NM

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Hickam AFB: 2609 NM

RAF Mildenhall: 4631 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	SALT LAKE CITY INTL	20
I.2.B.4	Military airfield, runway >= 8,000ft	SALT LAKE CITY INTL	20
I.2.B.5	Military airfield, runway >= 10,000ft	SALT LAKE CITY INTL	20
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Ogden-Hinkley Muni	5
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Ogden-Hinkley Muni	5
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Salt Lake International	21
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Ogden-Hinkley Muni	5
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Salt Lake International	21

I.2.B.11 Name and distance to an emergency landing airfield compatible with aircraft flown at the base.

Ogden-Hinckley Municipal

5 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
AUSTIN/GABBS CN	246 NM	AUSTIN/GABBS N/C	246 NM	Austin1/GABBS N&C	246 NM
DESERT	254 NM				

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
UTTR	90 NM				

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
UTTR	90 NM	OWYHEE/ PARADISE	209 NM	AUSTIN 1	243 NM
AUSTIN/GABBS CN	246 NM	AUSTIN/GABBS N/C	246 NM	Austin1/GABBS N&C	246 NM
DESERT	254 NM	GABBS NORTH	285 NM	PANAMINT	390 NM
POWDER RIVER A	412 NM	HAYS	428 NM	ISABELLA	441 NM

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R-5107B	543 NM	W-289 N/W-60-61	547 NM	WILLISTON	549 NM
W-285A	574 NM	W-260	587 NM	W-283/W-285A,B	595 NM

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
EAGLE/UTTR	50 NM	KITTYCAT/UTTR	71 NM	HAG/UTTR	74 NM
SAYLOR CREEK	188 NM	FALLON B-17	310 NM	NELLIS R63	318 NM
NELLIS R65	318 NM	FALLON B-19	330 NM	AIRBURST	365 NM
CHINA LAKE	414 NM	EL CENTRO	494 NM	GOLDWATER RANGE 4	503 NM
GOLDWATER RANGE 3	504 NM	GOLDWATER RANGE 2	509 NM	GOLDWATER RANGE 1	518 NM
OSCURA	546 NM	MELROSE	563 NM	SMOKEY HILL	666 NM
FALCON	738 NM				

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

KITTYCAT/UTTR	71 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

UTTR/ACMI	97 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

EAGLE/UTTR	50 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	2	9	12	38	92	131
SR	0	0	0	4	28	56
VR	4	4	4	26	80	120
Total Routes:	6	13	16	68	200	307

Identify Routes:

IR-418 19 NM	IR-420 19 NM	VR-1422 36 NM	VR-1423 36 NM	VR-1446 58 NM	VR-1445 64 NM
IR-425 124 NM	IR-498 124 NM	IR-235 128 NM	IR-290 135 NM	IR-290A 135 NM	IR-293 135 NM
IR-281 145 NM					
IR-310 166 NM	IR-280 183 NM	IR-282 183 NM			
VR-1300 203 NM	IR-302 204 NM	VR-1304 204 NM	IR-400 207 NM	IR-320 211 NM	IR-266 229 NM
VR-1406 234 NM	IR-285 237 NM	IR-275 247 NM	IR-301 250 NM	IR-279 253 NM	IR-234 262 NM
IR-238 262 NM	IR-276 263 NM	VR-316 267 NM	VR-319 270 NM	VR-1259 276 NM	VR-209 276 NM
VR-1301 278 NM	VR-1260 279 NM	VR-1253 293 NM	IR-307 295 NM	IR-237 296 NM	IR-303 301 NM

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IR-416	302 NM	IR-304	308 NM	VR-1353	308 NM	VR-1302	313 NM	IR-206	321 NM	SR-540	324 NM
SR-541	324 NM	SR-542	324 NM	IR-264	327 NM	IR-286	331 NM	VR-1252	336 NM	VR-1205	337 NM
VR-412	345 NM	VR-413	345 NM	IR-250	351 NM	VR-1264	352 NM	IR-126	354 NM	VR-208	365 NM
IR-415	367 NM	VR-201	375 NM	IR-109	377 NM	SR-311	379 NM	IR-300	390 NM	IR-112	392 NM
IR-342	400 NM	VR-296	400 NM	VR-289	400 NM	VR-299	400 NM				
VR-1352	401 NM	SR-212	403 NM	IR-478	405 NM	IR-479	405 NM	IR-478A	405 NM	SR-381	405 NM
IR-479A	405 NM	VR-1255	406 NM	VR-1225	409 NM	IR-414	416 NM	IR-484	418 NM	IR-254	421 NM
VR-1254	421 NM	VR-176	430 NM	VR-1219	431 NM	VR-242	431 NM	VR-1220	431 NM	VR-244	431 NM
VR-246	431 NM	IR-252	433 NM	VR-1354	434 NM	VR-239	434 NM	VR-245	434 NM	IR-110	444 NM
SR-397	444 NM	VR-1355	449 NM	IR-485	452 NM	SR-473	453 NM	SR-478	453 NM	SR-477	453 NM
IR-216	454 NM	VR-231	454 NM	SR-359	455 NM	IR-340	456 NM	SR-300	456 NM	SR-214	461 NM
IR-214	462 NM	IR-212	463 NM	IR-213	463 NM	IR-217	463 NM	IR-473	463 NM	IR-476A	463 NM
IR-499	463 NM	VR-1195	463 NM	IR-476	463 NM	IR-429	463 NM	IR-409	463 NM	IR-255	466 NM
VR-1215	466 NM	VR-1214	466 NM	SR-475	469 NM	VR-1267	471 NM	IR-177	472 NM	SR-471	472 NM
SR-470	472 NM	IR-431	476 NM	IR-482	476 NM	SR-390	476 NM	SR-301	478 NM	IR-271	480 NM
SR-472	481 NM	VR-1218	481 NM	VR-1217	481 NM	VR-108	481 NM	IR-500	482 NM	SR-474	482 NM
IR-501	482 NM	SR-353	483 NM	SR-213	485 NM	IR-218	488 NM	VR-223	488 NM	VR-1293	488 NM
IR-111	490 NM	IR-341	491 NM	SR-476	491 NM	IR-343	491 NM	VR-1107	492 NM	IR-644	493 NM
IR-649	493 NM	VR-1206	495 NM	IR-203	499 NM	IR-480	501 NM	IR-481	501 NM	VR-1266	506 NM
VR-1267	506 NM	VR-1268	506 NM	IR-613	512 NM	SR-211	512 NM	SR-210	512 NM	IR-150	515 NM
VR-1211	516 NM	IR-514	518 NM	VR-1265	521 NM	SR-398	523 NM	VR-1174	523 NM	VR-1233	525 NM
VR-260	525 NM	VR-259	526 NM	VR-268	526 NM	VR-269	526 NM	VR-267	526 NM	IR-113	527 NM
VR-263	527 NM	VR-288	530 NM	IR-107	535 NM	IR-207	541 NM	VR-1256	542 NM	VR-1257	544 NM
VR-249	548 NM	VR-125	551 NM	VR-1262	555 NM	IR-211	556 NM	SR-488	561 NM	IR-133	564 NM
VR-1250	567 NM	IR-200	569 NM	IR-346	570 NM	VR-100	570 NM	SR-489	571 NM	VR-1261	573 NM
VR-202	573 NM	IR-507	577 NM	VR-1251	577 NM	VR-114	579 NM	IR-678	581 NM	VR-1574	581 NM
IR-115	584 NM	IR-132	588 NM	IR-503	593 NM	VR-1523	595 NM	IR-134	596 NM	VR-536	599 NM
IR-102	603 NM	IR-141	603 NM	IR-131	603 NM	IR-313	608 NM	IR-314	608 NM	IR-116	613 NM
IR-348	614 NM	IR-518	614 NM	VR-1350	614 NM	VR-1351	614 NM	IR-172	616 NM	IR-173	616 NM
IR-430	619 NM	IR-490	619 NM	IR-492	619 NM	IR-506	629 NM	VR-1522	629 NM	IR-344	630 NM
IR-524	631 NM	VR-1521	631 NM	IR-508	651 NM	IR-509	651 NM	SR-216	651 NM	VR-552	657 NM
VR-545	659 NM	SR-206	665 NM	VR-544	666 NM	IR-144	668 NM	VR-1520	668 NM	VR-1515	668 NM
IR-165	668 NM	IR-517	668 NM	IR-178	668 NM	IR-925	670 NM	VR-540	673 NM	IR-505	675 NM
IR-185	682 NM	VR-1141	683 NM	IR-175	685 NM	IR-155	687 NM	VR-510	687 NM	IR-154	690 NM
VR-532	690 NM	IR-181	691 NM	IR-183	691 NM	VR-531	694 NM	VR-512	695 NM	VR-1116	699 NM
SR-205	700 NM	SR-208	703 NM	SR-217	703 NM	IR-171	704 NM	IR-182	704 NM	IR-122	715 NM

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VR-1140 715 NM	IR-146 715 NM	IR-130 715 NM	IR-145 715 NM	VR-138 716 NM	VR-511 723 NM
IR-128 726 NM	VR-119 726 NM	VR-534 729 NM	VR-535 729 NM	VR-533 734 NM	VR-541 734 NM
SR-294 736 NM	SR-295 736 NM	SR-280 750 NM	VR-1142 756 NM	VR-1144 756 NM	VR-159 762 NM
VR-152 764 NM	SR-233 766 NM	SR-242 766 NM	SR-244 766 NM	SR-249 766 NM	SR-245 766 NM
SR-296 766 NM	SR-273 766 NM	SR-267 766 NM	SR-258 766 NM	SR-255 766 NM	SR-251 766 NM
SR-250 766 NM	SR-243 766 NM	VR-196 766 NM	SR-240 766 NM	SR-234 766 NM	SR-236 766 NM
SR-618 768 NM	SR-619 768 NM	VR-1138 771 NM	IR-180 777 NM	IR-117 780 NM	VR-1113 780 NM
VR-1137 780 NM	VR-1128 780 NM	VR-163 782 NM	VR-1143 789 NM	VR-1146 791 NM	VR-162 791 NM
VR-158 791 NM	VR-1139 793 NM	VR-1145 794 NM	SR-616 799 NM	SR-617 799 NM	

I.2.C.9 IR-498 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 124 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
8	20	66

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-001 EAST	107 NM	AR-642E EAST	124 NM	AR-002 WEST	128 NM	AR-642W WEST	136 NM
AR-648A	143 NM	AR-635	191 NM	AR-648B	197 NM	AR-452 SOUTHWEST	200 NM
AR-641B	214 NM	AR-201 EAST	228 NM	AR-641A	242 NM	AR-201 WEST	247 NM
AR-011 EAST	248 NM	AR-014 EAST	248 NM	AR-610	249 NM	AR-611A	255 NM
AR-010 NORTHWEST	261 NM	AR-452 NORTHEAST	266 NM	AR-4B NORTH	280 NM	AR-611B	285 NM
AR-4A NORTH	310 NM	AR-3H EAST	311 NM	AR-624	313 NM	AR-3H WEST	320 NM
AR-214	323 NM	AR-625H	327 NM	AR-625L	327 NM	AR-010 SOUTHEAST	329 NM
AR-3L	333 NM	AR-674	356 NM	AR-622	364 NM	AR-4B SOUTH	366 NM
AR-658	377 NM	AR-643	380 NM	AR-4A SOUTH	384 NM	AR-012H EAST	387 NM
AR-012L EAST	387 NM	AR-011 WEST	394 NM	AR-014 WEST	394 NM	AR-462	397 NM
AR-7B	401 NM	AR-603	402 NM	AR-654	405 NM	AR-645	411 NM
AR-649	419 NM	AR-7A	429 NM	AR-314 EAST	433 NM	AR-208	438 NM
AR-221	442 NM	AR-012H WEST	444 NM	AR-012L WEST	444 NM	AR-9A WEST	449 NM
AR-310 EAST	450 NM	AR-310 WEST	450 NM	AR-115	455 NM	AR-009 WEST	456 NM
AR-623	464 NM	AR-009 EAST	466 NM	AR-9A EAST	466 NM	AR-222	472 NM

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AR-604	476 NM	AR-106H EAST	479 NM	AR-106L EAST	479 NM	AR-017 SOUTH	486 NM
AR-224	489 NM	AR-314 WEST	500 NM				

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
3377	4534

Track	Distance	Events									
AR-002	128 NM	9	AR-201	228 NM	490	AR-011	248 NM	87	AR-014	248 NM	635
AR-010	261 NM	525	AR-004B	280 NM	86	AR-004A	310 NM	372	AR-012H	387 NM	141
AR-012L	387 NM	107	AR-314	433 NM	256	AR-106	479 NM	483	AR-017	486 NM	186

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 248NM from the base."

I.2.C.10d Percentage of tanker demand in region: 26.0

Percentage of tankers based in region: 13.0

Tanker saturation within the region has been classified as tanker Poor

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
A SHAU	45 NM	✓	✓	✓	8	0
BIG	333 NM	✓	✓		0	0
COIN (CIR)	283 NM				1	0
DESERT ROCK(CR)	330 NM	✓	✓		0	0
DIXIE VALLEY	290 NM	✓	✓	✓	0	0
ELK PARK	302 NM	✓	✓		0	0
IRON MOUNTAIN EAST	314 NM	✓	✓	✓	0	0
RANGER WEST	69 NM	✓	✓	✓	8	0
REBEL (AREA DZ)	282 NM				1	0
SHOCKLEE	69 NM	✓	✓	✓	8	0
XM	335 NM	✓	✓	✓	0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

Drop Zone	IR-235	IR-290	IR-290A	IR-293	IR-310	IR-418	IR-420	IR-425
A SHAU	IR-235	IR-290	IR-290A	IR-293	IR-310	IR-418	IR-420	IR-425
COIN (CIR)	IR-237							
RANGER WEST	IR-235	IR-290	IR-290A	IR-293	IR-310	IR-418	IR-420	IR-425
REBEL (AREA DZ)	IR-237							
SHOCKLEE	IR-235	IR-290	IR-290A	IR-293	IR-310	IR-418	IR-420	IR-425

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I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

TEXAS LAKE 267 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
A SHAU	45 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

DUGWAY PROVING GROUND 71 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 Ranges controlled or managed by the base:

Utah Test and Training Range

Information relative to each range:

RANGE: Utah Test and Training Range

I.2.D.2 Type of any associated airspace: Restricted and MOA's

I.2.D.3 Distance from the base to the range: 42 NM

I.2.D.4 Overall size of the range: 4,175,466 Acres

I.2.D.4.a Size of the impact area(s): 5,936,171 Acres

I.2.D.4.b Size of the restricted area in which the range lies: 12,574 Sq Mi

I.2.D.4.c Altitude ceiling of this restricted area: 58,000 ft

I.2.D.5 The range shape or location DOES NOT prohibit efficient training

I.2.D.6 Other types of restrictions that exist (i.e. limited hours, exercise only, etc):

None

I.2.D.7 Regular users (20 or more times /year) of the range:

1-189 AB
129 ARRS
15 FS
15 TS
151 ARS
16 SOS
211 AB
22 ARS
24 TS
28 TS
337 BS
338 CT
34 FS
37 BS
389 FS
390 FS

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391 FS
4 FS
419 TS
421 FS
466 FS
49 TS
514 TS
77 BS
8 SOS
86 FWS
9 BS
940 ARS
VA-122
VA-128
VAQ-129
VF-124
VFA-125
VMA-121
VMA-211
VMA-214
VMA-242
VMA-311
VMA-451
VMA-513
VMFA-314
VMFA-323
VMFA-531
VMFAT-101
VMFP-3
VMO-2

I.2.D.8 **Published availability of the range:**

24 hours per day, 365 days per year

Range scheduling statistics (yearly average from 1990 to 93).

I.2.D.8.a **Hours scheduled:** 3,782 hrs

I.2.D.8.b **Hours used:** 3,542 hrs

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I.2.D.15.a	LOA 11B06 299RCS/388FW/419FW	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B08 388FW/320BW	Current status: Current There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B09 501RS/299RCS/Nevada	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B11 DDPG/545TG	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B12 DPG/501RS/299RCS	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B13 DPG/UTTR/299RCS	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B14 FAA/299RCS	Current status: Current There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B15 FAA/501RS/299RCS	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

I.2.D.15.a	LOA 11B16 FAA/Fallon/Navy	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B17 FAA/299RCS	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B18 FAA/501RS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B19 FAA/299RCS	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B21 HAFB/299RCS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B22 UTTR/299RCS/28AD	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B23 UTTR/WSMR/AFFTC	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA 11B03 299RCS/OO-ALC	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

I.2.D.15.a	LOA11B01 299RCS/729TCS	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA11B02 299RCS/501RS/552AW ACW	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	LOA11B07 299RCS/501RS/514TS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C01 299RCS/501RS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C02 299RCS/501RS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C03 299RCS/AFFTC/501RS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C04 4950TW/AEDC/6520TG	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C05 514TS/129ARRS/CAAN G	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

I.2.D.15.a	MOA 11C06 545TG/TOO/R&M/649S UP	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C07 545TG/USAMSIC	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C10 AFFTC/545TG/XRPAF RES	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C12 BLM/SLC/545TG	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C13 DMA/AFFTC	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C15 DoD/Doagricul	Current status: USAF/LEEV	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C16 DPG/UTTR	Current status: Current	There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C17 DPG/501RS	Current status: In Review	There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

I.2.D.15.a	MOA 11C20 FAA/UTTR/299RCS	Current status: Completed There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C21 SMALC/NGB	Current status: Current There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C22 TAC/154TG/299RCS	Current status: Current There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C23 UTTR/WSMR	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C24 WRALC/MMSL/514TS	Current status: Completed There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C26 AFMC/ACC	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOA 11C27 545TG/BLM/Cont	Current status: Complete There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D01 299RCS/106TC/109TC	Current status: In Review There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

	MOU 11D02 299RCS/Utah	Current status: In Review
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D03 545TG/OOALC/PK/AF FTC	Current status: Complete
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D04 AFMC/NGB	Current status: In Review
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D05 BLM Elko/501RS	Current status: In Review
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D06 BLM Ely/501RS	Current status: In Review
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D07 Dod/Utah	Current status: USAF
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D08 DPG/FAA/299RCS	Current status: In Review
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.
	MOU 11D09 DPG/299RCS	Current status: In Review
I.2.D.15.a		There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

I.2.D.15.a	MOU 11D10 DPG/AFFTC/501RS	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D13 HCCP/545TG	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D16 OOALC/LA/Many/545T G	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D17 TAC/SAC/AFLC/AFSC	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D18 ESMC/WSMC	Current status: Command
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D20 BLM Rich/501RS	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU 11D29 2849SUE/545TG	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.
I.2.D.15.a	MOU11D12 HAFB/UTTR/Ut Wildlife	Current status: In Review
		There is no prospect of a diminished capacity when this MOA is renewed.

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

I.2.D.16 It is possible to expand hours and volume to increase the range utilization.

I.2.D.17 There are No planned range real property expansions.

Ranges (Used by the base)

I.2.D.18 The base does Not use other ranges on a regular basis

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

1995 AIR FORCE BASE QUESTIONNAIRE
Hill AFB - AFMC

E. Airspace Used by Base**I.2.E.1 Airspaces scheduled or managed by the base:**

Gandy	MOA
Lucin A	MOA
Lucin B	MOA
Lucin C	MOA
R6402A	Restricted Area
R6402B	Restricted Area
R6404A	Restricted Area
R6404B	Restricted Area
R6404C	Restricted Area
R6405	Restricted Area
R6406A	Restricted Area
R6406B	Restricted Area
R6407	Restricted Area
Sevier A	MOA
Sevier B	MOA
Sevier C	MOA
Sevier D	MOA

Details for airspace scheduled or managed by the base:**Airspace: Gandy**

- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
Completed
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

*Hill 27B, UT
 UTTR*

T&E

Starting Year : 1996
 Final Year : 1997
 ROI Year : Immediate

NPV in 2015(\$K): -179,921
 1-Time Cost(\$K): 3,226

	Net Costs (\$K) Constant Dollars							Beyond
	1996	1997	1998	1999	2000	2001	Total	
MilCon	0	0	0	0	0	0	0	0
Person	-1,085	-3,762	-5,381	-5,381	-5,381	-5,381	-26,371	-5,381
Overhd	10	-42	-101	-101	-101	-101	-435	-101
Moving	288	288	0	0	0	0	576	0
Missio	-3,475	-6,950	-6,950	-6,950	-6,950	-6,950	-38,225	-6,950
Other	1,036	1,037	0	0	0	0	2,073	0
TOTAL	-3,226	-9,430	-12,431	-12,431	-12,431	-12,431	-62,382	-12,431

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
off	10	11	0	0	0	0	21
Enl	7	7	0	0	0	0	14
Civ	34	35	0	0	0	0	69
TOT	51	53	0	0	0	0	104

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0						

Summary:

REALIGN UTTR FROM AFMC T&E RANGE TO ACC TRAINING RANGE.
 TRANSFER AW WORKLOAD TO EGLIN AND AV WORKLOAD TO EDWARDS.
 DOWNSIZE PERSONNEL TO SATISFY NEW REQUIREMENTS.
 DISPOSE OF REMAINING EQUIPMENT/INSTRUMENTATION.
 BASED ON MANPOWER LISTED ON AFMC'S BOOKS.
 REQUIRES NO MANPOWER OR EQUIPMENT TRANSFER TO EGLIN OR EDWARDS.

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT195\RECOMMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT195\RECOMMEND\DEPOT.SFF

Costs (\$K) Constant Dollars		Savings (\$K) Constant Dollars	
1996	1997	1996	1997
MilCon	0	0	0
Person	230	243	0
Overhd	53	51	0
Moving	288	288	0
Missio	0	0	0
Other	1,036	1,037	0
TOTAL	1,606	1,619	0

MilCon	0	0	0
Person	1,315	4,005	5,381
Overhd	43	94	101
Moving	0	0	0
Missio	3,475	6,950	6,950
Other	0	0	0
TOTAL	4,833	11,049	12,431

MilCon	0	0	0
Person	5,381	5,381	5,381
Overhd	101	101	101
Moving	0	0	0
Missio	6,950	6,950	6,950
Other	0	0	0
TOTAL	12,431	12,431	12,431

MilCon	0	0	0
Person	26,843	5,381	5,381
Overhd	540	101	101
Moving	0	0	0
Missio	38,225	6,950	6,950
Other	0	0	0
TOTAL	65,608	12,431	12,431

MilCon	0	0	0
Person	0	0	0
Overhd	104	0	0
Moving	576	0	0
Missio	0	0	0
Other	2,073	0	0
TOTAL	3,226	0	0

MilCon	0	0	0
Person	472	0	0
Overhd	104	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	656	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	0
TOTAL	0	0	0

MilCon	0	0	0
Person	0	0	0
Overhd	0	0	0
Moving	0	0	0
Missio	0	0	0
Other	0	0	

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	-3,226,443	-3,182,974	-3,182,974
1997	-9,429,702	-9,053,682	-12,236,656
1998	-12,431,596	-11,616,420	-23,853,076
1999	-12,431,596	-11,305,518	-35,158,594
2000	-12,431,596	-11,002,938	-46,161,532
2001	-12,431,596	-10,708,455	-56,869,987
2002	-12,431,596	-10,421,854	-67,291,841
2003	-12,431,596	-10,142,924	-77,434,765
2004	-12,431,596	-9,871,459	-87,306,224
2005	-12,431,596	-9,607,259	-96,913,483
2006	-12,431,596	-9,350,130	-106,263,613
2007	-12,431,596	-9,099,884	-115,363,497
2008	-12,431,596	-8,856,334	-124,219,831
2009	-12,431,596	-8,619,303	-132,839,135
2010	-12,431,596	-8,388,617	-141,227,751
2011	-12,431,596	-8,164,104	-149,391,855
2012	-12,431,596	-7,945,600	-157,337,455
2013	-12,431,596	-7,732,944	-165,070,398
2014	-12,431,596	-7,525,979	-172,596,378
2015	-12,431,596	-7,324,554	-179,920,932

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	0	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		0
Personnel		
Civilian RIF	145,523	
Civilian Early Retirement	29,384	
Civilian New Hires	0	
Eliminated Military PCS	272,636	
Unemployment	25,056	
Total - Personnel		472,599
Overhead		
Program Planning Support	20,704	
Mothball / Shutdown	83,750	
Total - Overhead		104,454
Moving		
Civilian Moving	0	
Civilian PPS	576,000	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		576,000
Other		
HAP / RSE	72,718	
Environmental Mitigation Costs	0	
One-Time Unique Costs	2,000,000	
Total - Other		2,072,718
Total One-Time Costs		3,225,771

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		0

Total Net One-Time Costs		3,225,771

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
Option Package : AFJ-8 (AW)
Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
HILL	0	0	0	0	0
Totals:	0	0	0	0	0

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

PERSONNEL SUMMARY FOR: HILL, UT

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
624	3,959	0	9,503

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	-10	-11	0	0	0	0	-21
Enlisted	-7	-7	0	0	0	0	-14
Civilians	-34	-35	0	0	0	0	-69
TOTAL	-51	-53	0	0	0	0	-104

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
603	3,945	0	9,434

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		34	35	0	0	0	0	69
Early Retirement	10.00%	3	4	0	0	0	0	7
Regular Retirement	5.00%	2	2	0	0	0	0	4
Civilian Turnover	15.00%	5	5	0	0	0	0	10
Civs Not Moving (RIFs)*+		3	4	0	0	0	0	7
Priority Placement#	60.00%	20	20	0	0	0	0	40
Civilians Available to Move		1	0	0	0	0	0	1
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		1	0	0	0	0	0	1
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		3	4	0	0	0	0	7
TOTAL CIVILIAN RIFS		4	4	0	0	0	0	8
TOTAL CIVILIAN PRIORITY PLACEMENTS#		20	20	0	0	0	0	40
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	0	0	0	0	0	0	0
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	73	73	0	0	0	0	145
Civ Retire	12	17	0	0	0	0	29
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	288	288	0	0	0	0	576
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	12	12	0	0	0	0	25
OTHER							
Program Plan	12	9	0	0	0	0	21
Shutdown	41	43	0	0	0	0	84
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	132	141	0	0	0	0	273
OTHER							
HAP / RSE	36	37	0	0	0	0	73
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,000	1,000	0	0	0	0	2,000
TOTAL ONE-TIME	1,606	1,619	0	0	0	0	3,226

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
TOTAL COST	1,606	1,619	0	0	0	0	3,226	0

ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	

RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	7	20	27	27	27	27	136	27
BOS	36	73	73	73	73	73	404	73
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	793	2,402	3,218	3,218	3,218	3,218	16,068	3,218
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	393	1,219	1,652	1,652	1,652	1,652	8,221	1,652
Enl Salary	126	379	506	506	506	506	2,530	506
House Allow	2	4	4	4	4	4	24	4
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	3,475	6,950	6,950	6,950	6,950	6,950	38,225	6,950
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	4,833	11,049	12,431	12,431	12,431	12,431	65,608	12,431
TOTAL SAVINGS	4,833	11,049	12,431	12,431	12,431	12,431	65,608	12,431

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	85	89	0	0	0	0	175	
Civ Moving	288	288	0	0	0	0	576	
Other	65	64	0	0	0	0	129	
MIL PERSONNEL								
Mil Moving	132	141	0	0	0	0	273	
OTHER								
HAP / RSE	36	37	0	0	0	0	73	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	1,000	1,000	0	0	0	0	2,000	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	1,606	1,619	0	0	0	0	3,226	
RECURRING NET								
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	-7	-20	-27	-27	-27	-27	-136	-27
BOS	-36	-73	-73	-73	-73	-73	-404	-73
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	-793	-2,402	-3,218	-3,218	-3,218	-3,218	-16,068	-3,218
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	-520	-1,599	-2,158	-2,158	-2,158	-2,158	-10,751	-2,158
House Allow	-2	-4	-4	-4	-4	-4	-24	-4
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	-3,475	-6,950	-6,950	-6,950	-6,950	-6,950	-38,225	-6,950
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-4,833	-11,049	-12,431	-12,431	-12,431	-12,431	-65,608	-12,431
TOTAL NET COST	-3,226	-9,430	-12,431	-12,431	-12,431	-12,431	-62,382	-12,431

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
HILL	-104	-1%	-67,000	0%	644

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
HILL	-27,241	0%	262	-73,588	0%	707

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
HILL	-100,830	0%	969

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	-7	-20	-27	-27	-27	-27	-136	-27
BOS Change	-36	-73	-73	-73	-73	-73	-404	-73
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	-43	-94	-101	-101	-101	-101	-540	-101

INPUT DATA REPORT (COBRA v5.08)
Data As Of 13:16 02/20/1995, Report Created 08:20 03/01/1995

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: Yes

Base Name : Strategy:

 HILL, UT : Realignment

Summary:

 REALIGN UTTR FROM AFMC T&E RANGE TO ACC TRAINING RANGE.
 TRANSFER AW WORKLOAD TO EGLIN AND AV WORKLOAD TO EDWARDS.
 DOWNSIZE PERSONNEL TO SATISFY NEW REQUIREMENTS.
 DISPOSE OF REMAINING EQUIPMENT/INSTRUMENTATION.
 BASED ON MANPOWER LISTED ON AFMC'S BOOKS.
 REQUIRES NO MANPOWER OR EQUIPMENT TRANSFER TO EGLIN OR EDWARDS.

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HILL, UT

Total Officer Employees:	624	RPMA Non-Payroll (\$K/Year):	6,020
Total Enlisted Employees:	3,959	Communications (\$K/Year):	2,402
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	16,024
Total Civilian Employees:	9,503	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	31.0%	Family Housing (\$K/Year):	9,588
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,772	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	38
Enlisted VHA (\$/Month):	26		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
1-Time Unique Cost (\$K):	1,000	1,000	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	3,475	6,950	6,950	6,950	6,950	6,950
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	0%	0%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	67					
		Perc Family Housing ShutDown:				0.0%

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: HILL, UT

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	-10	-11	0	0	0	0
Enl Scenario Change:	-7	-7	0	0	0	0
Civ Scenario Change:	-34	-35	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Gare):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : USAF
 Option Package : AFJ-8 (AW)
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\HILL.CBR
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STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	OTHER	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyard Maintenance	(SF)	0	Optional Category N	()	0
ROD & E Facilities	(SF)	0	Optional Category O	()	0
POL Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			

Document Separator

1995 AIR FORCE BASE QUESTIONNAIRE

Holloman AFB - ACC

Rota AB: 4920 NM
 Hickam AFB: 2840 NM
 RAF Mildenhall: 4764 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	CONDRON AAF	35
I.2.B.4	Military airfield, runway >= 8,000ft	BIGGS AAF	62
I.2.B.5	Military airfield, runway >= 10,000ft	BIGGS AAF	62
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Alamogordo/White Sands	6
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Biggs AAF	62
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Biggs AAF	62
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Roswell Industrial	80
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Roswell Industrial	80
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 There are No supersonic Air Combat Training (ACBT) MOAs or warning/restricted areas (minimum size of 4,200 sq NM) within 300 NM.

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
R-5107B	29 NM	R-5107 B,C	59 NM		

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
R-5107B	29 NM	DESERT	509 NM	UTTR	565 NM
PANAMINT	575 NM				

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

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Area Name	Distance	Area Name	Distance	Area Name	Distance
OSCURA	25 NM	MELROSE	144 NM	GOLDWATER RANGE 3	334 NM
AIRBURST	341 NM	GOLDWATER RANGE 2	343 NM	GOLDWATER RANGE 1	347 NM
GOLDWATER RANGE 4	353 NM	FALCON	385 NM	EL CENTRO	464 NM
McMULLEN	471 NM	NELLIS R63	516 NM	NELLIS R65	524 NM
SMOKEY HILL	533 NM	HAG/UTTR	542 NM	KITTYCAT/UTTR	575 NM
EAGLE/UTTR	595 NM	CHINA LAKE	605 NM	RAZORBACK	614 NM
CLAIBORNE	675 NM	FALLON B-17	702 NM	FALLON B-19	718 NM
CANNON	738 NM	SAYLOR CREEK	744 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

MELROSE	144 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

LUKE ACMI	310 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

RED RIO	53 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	11	14	18	40	87	125
SR	0	4	5	26	40	66
VR	1	4	6	46	106	138
Total Routes:	12	22	29	112	233	329

Identify Routes:

IR-115 18 NM	IR-132 22 NM	IR-102 36 NM	IR-131 36 NM	IR-141 36 NM	IR-134 36 NM
IR-133 45 NM	IR-116 61 NM	IR-144 99 NM	IR-178 99 NM	VR-1107 99 NM	IR-165 99 NM
SR-213 111 NM	IR-111 123 NM	SR-211 123 NM	SR-210 123 NM	SR-214 133 NM	VR-1195 134 NM
VR-100 140 NM	VR-176 141 NM	IR-122 145 NM	IR-130 148 NM		
IR-113 164 NM	VR-125 164 NM	SR-212 172 NM	IR-112 178 NM	IR-110 191 NM	IR-150 191 NM
VR-114 192 NM					
IR-109 201 NM	VR-196 205 NM	IR-107 206 NM	VR-1233 223 NM	VR-260 223 NM	VR-259 224 NM
VR-263 224 NM	VR-267 224 NM	VR-268 224 NM	VR-269 224 NM	IR-126 231 NM	IR-128 242 NM
VR-108 243 NM	VR-1108 243 NM	VR-1109 243 NM	IR-154 247 NM	IR-155 249 NM	IR-177 254 NM
VR-1174 255 NM	VR-1116 260 NM	IR-180 262 NM	SR-280 280 NM	IR-172 287 NM	IR-173 287 NM
VR-1117 291 NM	SR-216 303 NM	SR-233 305 NM	SR-234 305 NM	SR-242 305 NM	SR-244 305 NM

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SR-249	305 NM	SR-251	305 NM	SR-258	305 NM	SR-255	305 NM	SR-273	305 NM	SR-267	305 NM
SR-250	305 NM	SR-245	305 NM	SR-243	305 NM	SR-240	305 NM	SR-236	305 NM	IR-170	306 NM
VR-239	316 NM	VR-245	316 NM	VR-223	317 NM	IR-169	321 NM	VR-1219	326 NM	VR-242	326 NM
VR-1220	326 NM	VR-246	326 NM	VR-244	326 NM	SR-206	334 NM	SR-208	335 NM	SR-217	335 NM
VR-231	335 NM	IR-124	336 NM	VR-186	336 NM	IR-276	337 NM	IR-414	345 NM	IR-254	346 NM
IR-409	361 NM	VR-1141	362 NM	IR-320	363 NM	VR-1142	363 NM	VR-1144	363 NM	SR-205	366 NM
IR-250	367 NM	VR-1138	369 NM	VR-159	369 NM	VR-118	371 NM	VR-1143	379 NM	VR-412	380 NM
VR-413	380 NM	VR-163	385 NM	VR-162	386 NM	IR-139	387 NM	VR-1140	388 NM	VR-101	389 NM
VR-158	390 NM	VR-1139	392 NM	IR-503	394 NM	VR-1145	398 NM	IR-149	399 NM		
IR-103	404 NM	IR-105	404 NM	VR-1110	407 NM	VR-143	409 NM	VR-1146	410 NM	IR-123	411 NM
IR-415	416 NM	VR-1267	416 NM	IR-400	420 NM	VR-104	420 NM	SR-286	424 NM	SR-294	426 NM
VR-299	426 NM	SR-295	426 NM	VR-1266	431 NM	VR-1268	431 NM	VR-1267	431 NM	IR-171	432 NM
IR-182	432 NM	SR-293	432 NM	SR-261	432 NM	VR-1124	435 NM	IR-175	436 NM	IR-181	437 NM
IR-183	437 NM	VR-1122	439 NM	VR-1105	443 NM	VR-1152	443 NM	VR-156	443 NM	SR-296	445 NM
IR-145	446 NM	IR-146	446 NM	SR-270	446 NM	SR-397	447 NM	VR-1225	448 NM	IR-185	449 NM
IR-255	455 NM	VR-289	463 NM	VR-296	463 NM	IR-117	464 NM	VR-1113	464 NM	VR-1128	464 NM
VR-1137	464 NM	IR-214	467 NM	IR-148	469 NM	VR-1106	470 NM	VR-1123	471 NM	VR-1406	472 NM
VR-152	472 NM	VR-1574	472 NM	VR-1121	475 NM	IR-266	476 NM	IR-416	477 NM	IR-142	478 NM
VR-1120	478 NM	VR-536	479 NM	VR-138	485 NM	IR-216	486 NM	IR-218	487 NM	VR-168	487 NM
IR-252	489 NM	VR-1211	489 NM	VR-288	490 NM	VR-119	491 NM	VR-1253	491 NM	IR-147	492 NM
SR-290	492 NM	SR-292	492 NM	VR-532	494 NM	SR-228	501 NM	SR-540	502 NM	SR-541	502 NM
SR-542	502 NM	IR-129	511 NM	VR-188	512 NM	IR-285	523 NM	VR-535	523 NM	VR-534	523 NM
IR-310	523 NM	IR-212	524 NM	IR-213	524 NM	IR-217	524 NM	IR-135	528 NM	IR-286	528 NM
IR-425	530 NM	VR-552	530 NM	VR-544	532 NM	IR-507	542 NM	VR-531	542 NM	VR-533	543 NM
IR-127	547 NM	VR-1523	547 NM	VR-187	547 NM	VR-1214	553 NM	VR-1215	553 NM	IR-506	554 NM
VR-1522	554 NM	IR-136	556 NM	VR-189	557 NM	IR-166	561 NM	IR-524	563 NM	VR-1217	567 NM
VR-1218	567 NM	VR-151	570 NM	IR-164	574 NM	VR-1104	574 NM	IR-418	576 NM	IR-420	576 NM
IR-234	579 NM	IR-238	579 NM	IR-514	579 NM	VR-1445	581 NM	VR-1446	587 NM	IR-235	588 NM
VR-1259	589 NM	VR-209	589 NM	VR-1260	593 NM	IR-167	594 NM	VR-1130	595 NM	VR-545	598 NM
VR-1252	600 NM										
IR-500	603 NM	VR-1422	603 NM	VR-1423	603 NM	IR-501	603 NM	IR-237	605 NM	SR-223	608 NM
SR-224	608 NM	VR-106	609 NM	IR-279	613 NM	IR-505	613 NM	VR-1182	616 NM	VR-1546	618 NM
SR-390	620 NM	VR-1255	622 NM	IR-206	627 NM	VR-512	627 NM	IR-290	629 NM	VR-1293	629 NM
IR-293	629 NM	IR-290A	629 NM	IR-518	631 NM	VR-1206	637 NM	IR-281	642 NM	VR-1264	642 NM
VR-511	642 NM	VR-208	644 NM	IR-517	646 NM	VR-1520	646 NM	VR-1515	646 NM	IR-502	647 NM
IR-504	647 NM	VR-1205	654 NM	IR-121	655 NM	VR-1103	655 NM	IR-498	655 NM	SR-239	657 NM

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IR-429	661 NM	IR-473	661 NM	IR-476A	661 NM	IR-476	661 NM	IR-499	661 NM	IR-280	665 NM
IR-282	665 NM	SR-618	668 NM	SR-619	668 NM	IR-120	669 NM	VR-1102	669 NM	VR-1265	670 NM
VR-541	670 NM	VR-540	672 NM	IR-211	675 NM	VR-1525	679 NM	IR-264	680 NM	SR-616	694 NM
SR-617	694 NM	VR-510	694 NM	IR-160	696 NM	IR-161	696 NM	VR-1521	698 NM	SR-218	700 NM
SR-220	700 NM	SR-219	700 NM	SR-221	700 NM	SR-226	700 NM	SR-229	700 NM	SR-231	700 NM
SR-230	700 NM	SR-237	700 NM	SR-232	700 NM	SR-227	700 NM	SR-222	700 NM	VR-201	703 NM
IR-613	705 NM	IR-203	708 NM	IR-200	712 NM	IR-508	712 NM	IR-509	712 NM	VR-1196	717 NM
IR-275	724 NM	VR-1256	754 NM	VR-1300	766 NM	IR-527	767 NM	SR-381	767 NM	IR-302	771 NM
VR-1304	771 NM	VR-1032	780 NM	IR-070	781 NM	SR-238	782 NM	VR-1262	782 NM	VR-1257	788 NM
SR-073	791 NM	VR-1353	791 NM	SR-074	791 NM	SR-300	792 NM	SR-311	792 NM	IR-068	793 NM

I.2.C.9 IR-498 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 655 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
10	24	41

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance						
AR-644 NORTH	27 NM	AR-644 SOUTH	59 NM	AR-602	105 NM	AR-115	116 NM
AR-310 EAST	120 NM	AR-310 WEST	120 NM	AR-613	127 NM	AR-639	149 NM
AR-639A	149 NM	AR-650	195 NM				
AR-314 EAST	226 NM	AR-623	229 NM	AR-674	231 NM	AR-013 EAST	233 NM
AR-3L	239 NM	AR-314 WEST	242 NM	AR-113 EAST	244 NM	AR-114	244 NM
AR-104 EAST	250 NM	AR-3H WEST	251 NM	AR-658	256 NM	AR-643	259 NM
AR-312	296 NM	AR-3H EAST	297 NM				
AR-013 WEST	318 NM	AR-201 WEST	325 NM	AR-104 WEST	339 NM	AR-113 WEST	342 NM
AR-201 EAST	342 NM	AR-647	355 NM	AR-624	372 NM	AR-603	378 NM
AR-167 NORTH	397 NM	AR-167 SOUTH	397 NM	AR-309 EAST	415 NM	AR-649	416 NM
AR-461	422 NM	AR-116 EAST	423 NM	AR-102A EAST	428 NM	AR-614	430 NM
AR-330 EAST	465 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
2480	3906

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2480 3906

Track	Distance	Events									
AR-314	226 NM	256	AR-013	233 NM	329	AR-113	244 NM	27	AR-114	244 NM	566
AR-104	250 NM	123	AR-201	325 NM	490	AR-309	415 NM	138	AR-116	423 NM	541
AR-102	428 NM	10			0			0			0
AR-112	514 NM	360	AR-017	552 NM	186	AR-011	557 NM	87	AR-014	557 NM	635

12.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 244NM from the base.

12.C.10d Percentage of tanker demand in region: 19.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

12.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	IR	Route Count	SR
ANTIOPE PINON	297 NM	✓	✓	✓	0	0	0
APOLLO (CIR)	307 NM	✓	✓	✓	0	0	0
ARROYO	294 NM	✓	✓	✓	0	0	0
BRADFORDS FOLLY	82 NM	✓	✓	✓	0	0	0
BUERIS (N)	101 NM	✓	✓	✓	0	0	2
CHOLA	289 NM	✓	✓	✓	0	0	0
COOLIDGE (CIR)	268 NM	✓	✓	✓	0	0	0
DEVILS RIVER	331 NM	✓	✓	✓	0	0	0
DOUGHBOY 2	341 NM	✓	✓	✓	0	0	0
ELEPHANT BUTTE #1	59 NM	✓	✓	✓	0	0	0
ELEPHANT BUTTE #2	59 NM	✓	✓	✓	0	0	0
ELOY (CIRCULAR)	276 NM	✓	✓	✓	0	0	0
GEMINI	307 NM	✓	✓	✓	0	0	0
GRANDMA	304 NM	✓	✓	✓	0	0	0
GRANDMA (CIR)	304 NM	✓	✓	✓	0	0	0
GRANDPA	304 NM	✓	✓	✓	0	0	0
GRANGE NORTH	53 NM	✓	✓	✓	0	0	0
GRANGE SOUTH	53 NM	✓	✓	✓	0	0	0
HOGBACK	289 NM	✓	✓	✓	0	0	0
MARRION IMC N	317 NM	✓	✓	✓	0	0	14
MARRION IMC S	317 NM	✓	✓	✓	0	0	13
MEUROSE	145 NM	✓	✓	✓	5	0	0

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O'DELL	2 NM	✓	✓	✓	0	0
PINE	291 NM	✓	✓	✓	0	0
PINON	291 NM	✓	✓	✓	0	0
PINON (CIR)	291 NM	✓	✓	✓	0	0
PREY	306 NM	✓	✓	✓	0	0
PRONGHORN	297 NM	✓	✓	✓	0	0
RAPTOR	306 NM	✓	✓	✓	0	0
RIO PUERCO (A)	125 NM		✓		0	0
RIO PUERCO (CIR)	125 NM	✓	✓		0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

BURRIS (N)	SR-211	SR-214							
MARRION IMC N	SR-036	SR-040	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244
	SR-245	SR-249	SR-250	SR-251	SR-255				
MARRION IMC S	SR-073	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244	SR-245
	SR-249	SR-250	SR-251	SR-255					
MELROSE	IR-107	IR-109	IR-111	IR-113	IR-180				

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

AVRA VALLEY TWO 260 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
O'DELL	2 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM)

FORT BLISS 62 NM

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D. Ranges**Ranges (Controlled/managed by the base)****I.2.D.1 Ranges controlled or managed by the base:**

Casa Forward-Air-Control
 McGregor Bombing
 Oscura Gunnery and Bombing
 Red Rio Tactical Bombing
 Yonder Air-to-Air

Information relative to each range:**RANGE: Casa Forward-Air-Control**

- I.2.D.2** Type of any associated airspace: R5107B
- I.2.D.3** Distance from the base to the range: 56 NM
- I.2.D.4** Overall size of the range: 515,200 Acres
- I.2.D.4.a** Size of the impact area(s): (in Acres)
- I.2.D.4.b** Size of the restricted area in which the range lies: 3,252 Sq Mi
- I.2.D.4.c** Altitude ceiling of this restricted area: 50,000 ft
- I.2.D.5** The range shape or location DOES NOT prohibit efficient training
- I.2.D.6** Other types of restrictions that exist (i.e. limited hours, exercise only, etc):
 none
- I.2.D.7** Regular users (20 or more times /year) of the range:
- I.2.D.8** Published availability of the range:
 Sunrise - Sunset M-F
- Range scheduling statistics (yearly average from 1990 to 93).**
- I.2.D.8.a** Hours scheduled:
- I.2.D.8.b** Hours used:
- I.2.D.8.c** Percent utilized:

No records kept after the Forward Air Controller course was cancelled

- I.2.D.9** The range does Not have a full-scale weapons delivery capability.

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- I.2.D.10** **The range does Not have a special weapons delivery capability.**
- I.2.D.11** **The range does Not have a electronic warfare capability.**
- I.2.D.12** **There are No Noise Sensitive Areas associated with the range.**
- I.2.D.13** **There are no commercial / civilian encroachment problems associated with the range**
- I.2.D.14** **The range has No problems with hazardous material / waste/ ordinance disposal**
- I.2.D.15** **There are No MOUs, MOAs or LOAs associated with the range**
- I.2.D.16** **It is Not possible to expand either hours or volume to increase the range utilization.**
- I.2.D.17** **There are No planned range real property expansions.**

RANGE: McGregor Bombing

- I.2.D.2** **Type of any associated airspace: R5103B/C**
- I.2.D.3** **Distance from the base to the range: 16 NM**
- I.2.D.4** **Overall size of the range: 416,000 Acres**
- I.2.D.4.a** **Size of the impact area(s): 10,000 Acres**
- I.2.D.4.b** **Size of the restricted area in which the range lies: 1,310 Sq Mi**
- I.2.D.4.c** **Altitude ceiling of this restricted area: 12,500 ft**

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I.2.D.5 **The range shape or location prohibits efficient training**

I.2.D.6 **Other types of restrictions that exist (i.e. limited hours, exercise only, etc):**

BDU-33 and Mk-106. No lasers. No night operations.

I.2.D.7 **Regular users (20 or more times /year) of the range:**

149 FG ANG
150 FG ANG
27 FW
316 FW
34 FS
416 FS
46 TG
49 FW
49 RQS
542 CTW
58 FW
VFA-97
VMA-513
VMFA-323

I.2.D.8 **Published availability of the range:**

0700-1600 M-F

Range scheduling statistics (yearly average from 1990 to 93.

I.2.D.8.a **Hours scheduled:** 1,074 hrs

I.2.D.8.b **Hours used:** 1,071 hrs

I.2.D.8.c **Percent utilized:** 99.7

I.2.D.8.d **Reasons for non-use:**

Lack of assigned aircraft. Located at White Sands Missile Range compounded with scheduling problems

I.2.D.9 **The range does Not have a full-scale weapons delivery capability.**

I.2.D.10 **The range does Not have a special weapons delivery capability.**

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- I.2.D.11** The range does Not have a electronic warfare capability.
- I.2.D.12** There are No Noise Sensitive Areas associated with the range.
- I.2.D.13** There are no commercial / civilian encroachment problems associated with the range
- I.2.D.14** The range has No problems with hazardous material / waste/ ordinance disposal
- I.2.D.15** MOUs, MOAs or LOAs associated with the range:
49 FW and US Army at Current status: Permanent
Ft Bliss
- I.2.D.15.a** There is no prospect of a diminished capacity when this MOA is renewed.
- I.2.D.16** It is possible to expand hours and volume to increase the range utilization.
- I.2.D.17** There are No planned range real property expansions.

RANGE: Oscura Gunnery and Bombing

- I.2.D.2** Type of any associated airspace: R5107B
- I.2.D.3** Distance from the base to the range: 42 NM
- I.2.D.4** Overall size of the range: 201,600 Acres
- I.2.D.4.a** Size of the impact area(s): 57,120 Acres
- I.2.D.4.b** Size of the restricted area in which the range lies: 3,252 Sq Mi
- I.2.D.4.c** Altitude ceiling of this restricted area: 50,000 ft
- I.2.D.5** The range shape or location DOES NOT prohibit efficient training
- I.2.D.6** Other types of restrictions that exist (i.e. limited hours, exercise only, etc):

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Not authorized for laser operations or full scale weapons except for SHAPes and rockets

I.2.D.7 Regular users (20 or more times /year) of the range:

149 FG ANG
150 FG ANG
27 FW
34 FS
366 FW
416 FS
46 TG
49 FW
49 RQS
542 CTW
58 FW
VFA-97
VMA-513
VMFA-323

I.2.D.8 Published availability of the range:

0800 - 2000 hrs non daylight savings time; 0800 - 2200 hrs M-F daylight savings

Range scheduling statistics (yearly average from 1990 to 93).

I.2.D.8.a Hours scheduled: 1,417 hrs

I.2.D.8.b Hours used: 1,394 hrs

I.2.D.8.c Percent utilized: 98.4

I.2.D.8.d Reasons for non-use:

Lack of assigned aircraft that need to utilize the ranges.

I.2.D.9 The range has a full-scale weapons delivery capability as follows:

SHAPes and rockets

I.2.D.10 The range has a special weapons delivery capability as follows:

SHAPes

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- I.2.D.11 **The range does Not have a electronic warfare capability.**
- I.2.D.12 **There are No Noise Sensitive Areas associated with the range.**
- I.2.D.13 **There are no commercial / civilian encroachment problems associated with the range**
- I.2.D.14 **The range has No problems with hazardous material / waste/ ordinance disposal**
- I.2.D.15 **MOUs, MOAs or LOAs associated with the range:**
White Sands Missile Current status: permanent
Range
- I.2.D.15.a **There is no prospect of a diminished capacity when this MOA is renewed.**
- I.2.D.16 **It is possible to expand hours and volume to increase the range utilization.**
- I.2.D.17 **There are No planned range real property expansions.**

RANGE: Red Rio Tactical Bombing

- I.2.D.2 **Type of any associated airspace: R5170B, R5107J, R5107C, and R5**
- I.2.D.3 **Distance from the base to the range: 48 NM**
- I.2.D.4 **Overall size of the range: 195,840 Acres**
- I.2.D.4.a **Size of the impact area(s): 55,680 Acres**
- I.2.D.4.b **Size of the restricted area in which the range lies: 5,040 Sq Mi**
- I.2.D.4.c **Altitude ceiling of this restricted area: 50,000 ft**
- I.2.D.5 **The range shape or location DOES NOT prohibit efficient training**
- I.2.D.6 **Other types of restrictions that exist (i.e. limited hours, exercise only, etc):**
none
- I.2.D.7 **Regular users (20 or more times /year) of the range:**
149 FG ANG

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150 FG ANG
27 FW
34 FS
366 FW
416 FS
46 TG
49 FW
49 RQS
542 CTW
58 FW
VFA-97
VMA 513
VMFA-323

I.2.D.8 Published availability of the range:

24 hours a day, seven days a week

Range scheduling statistics (yearly average from 1990 to 93.)

I.2.D.8.a Hours scheduled: 1,363 hrs

I.2.D.8.b Hours used: 1,320 hrs

I.2.D.8.c Percent utilized: 96.8

I.2.D.8.d Reasons for non-use:

Large part of additional time available is late at night or early in the morning

I.2.D.9 The range has a full-scale weapons delivery capability as follows:

Up to Mk-84, 2.75in rockets and SHAPes

I.2.D.10 The range has a special weapons delivery capability as follows:

Inert laser guid bombs up to 2000 lbs, SHAPes, and live general purpose and LGBs up to 2000 lbs

I.2.D.11 The range does Not have a electronic warfare capability.

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Range scheduling statistics (yearly average from 1990 to 93).

I.2.D.8.a Hours scheduled:

I.2.D.8.b Hours used:

I.2.D.8.c Percent utilized:

Range has not been scheduled since the F-15s left Holloman Air Force Base

I.2.D.9 The range does Not have a full-scale weapons delivery capability.

I.2.D.10 The range does Not have a special weapons delivery capability.

I.2.D.11 The range does Not have a electronic warfare capability.

I.2.D.12 There are No Noise Sensitive Areas associated with the range.

I.2.D.13 There are no commercial / civilian encroachment problems associated with the range

I.2.D.14 The range has No problems with hazardous material / waste/ ordinance disposal

I.2.D.15 MOUs, MOAs or LOAs associated with the range:

White Sands Missile Range Current status: Permanent

I.2.D.15.a There is no prospect of a diminished capacity when this MOA is renewed.

I.2.D.16 It is Not possible to expand either hours or volume to increase the range utilization.

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I.2.D.17 There are No planned range real property expansions.

Ranges (Used by the base)

I.2.D.18 The base uses other ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have scheduling restrictions/limitations as follows:

I.2.D.20.a ALL

Scheduling requirement 30 days prior to planned range use

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base

I.2.E.1 Airspaces scheduled or managed by the base:

AR-310	Air Refueling Track / Anc
AR-644	Air Refueling Track / Anc
BEAK A	MOA
BEAK B	MOA
BEAK C	MOA
COWBOY	ATCAA
IR 133 MTR	MTA
IR 134 MTR	MTA
IR 192 MTR	Other
IR 194 MTR	Other
IR 195 MTR	MTA
R-5103B	Restricted Area
R-5103C	Restricted Area
R-5107B	Other
R-5107C	Other
R-5107H	Restricted Area
R-5107J	Restricted Area
R-5111A	Restricted Area
R-5111B	Restricted Area
TALON	MOA
VALENTINE MOA	MOA

Details for airspace scheduled or managed by the base:

Airspace: AR-310

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

1995 AIR FORCE BASE QUESTIONNAIRE**Holloman AFB - ACC****Explanation for any lack of reports:**

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Time
- I.2.E.7** Published availability of the airspace:
24 hrs a day, 7 days a week except high altitude block, not usable from 1000 t 1900 Z daily.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 3 hrs
- I.2.E.7.b** Hours used: 0 hrs
- I.2.E.7.c** Reasons for non-use:
This route is primarily scheduled by non HAFB aircraft.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
Low FL 210 - FL 260. High FL 270 - FL 290. Length: 238 NM (ARIP to EXIT).
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: AR-644
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Current

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- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAA's were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAA's and do not know if they were used.
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
If Beak A/B/C or Cowboy active
If R-5109 A/B active, no use
can' use
- I.2.E.7** Published availability of the airspace:
24 hours a day, 7 days a week.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 12 hrs
- I.2.E.7.b** Hours used: 9 hrs
- I.2.E.7.c** Reasons for non-use:
Thunderstorms
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
FL 200 - FL 260. Length: 67 NM. Width: 29NM (protected airspace)

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 AAFES	-	6	147	153
I.1.A.2 American Red Cross	-	-	3	3
I.1.A.3 Army Air	3	6	37	46
I.1.A.4 Army Corps of Engineers	-	-	11	11
I.1.A.5 Army Project 137	-	2	11	13
I.1.A.6 Army Veterinary Svc	-	1	1	2
I.1.A.7 DFAS	-	14	19	33
I.1.A.8 DIS	-	-	2	2
I.1.A.9 DRMO	-	-	14	14
I.1.A.10 Defense Commissary	-	5	66	71
I.1.A.11 Defense Mapping Agency	-	-	19	19
I.1.A.12 NAF	-	-	326	326
I.1.A.13 Otero Credit Union	-	-	15	15
I.1.A.14 US Post Office	-	-	8	8
I.1.A.15 United Bank of New Mexico	-	-	4	4
TOTAL:				720

I.1.B No Remote/Geographically Separated Units receive more than 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	3	69977	10494	59483	8360	3166	246
Tower	3	157479	3509	153970	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 16

125983 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

No known or projected airspace problems

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT BLISS distance 62 NM

Nearest major primary airdrop customer: FORT BLISS distance 62 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 3856 NM

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I.2.E.11 100.00 percent of the airspace is usable.

Airspace: BEAK A

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Complete for current uses

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAA's were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAA's and do not know if they were used.

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.4.a Airspace

I.2.E.4.a Public use airport

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 Restrictions currently acting on this airspace:

No supersonic ops

Time

I.2.E.7 Published availability of the airspace:

0600 - 1800L M-F; Other times by NOTAM

Range scheduling statistics (yearly average from 1990 to 93).

I.2.E.7.a Hours scheduled: 386 hrs

I.2.E.7.b Hours used: 366 hrs

I.2.E.7.c Reasons for non-use:

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Resheduled, weather, and maintenance

- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
12,500 MSL to FL 180: ATCAA FL180-FL290 Area: 690 Square nautical miles
- I.2.E.11** 95.00 percent of the airspace is usable.
Airspace: BEAK B
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Current
- I.2.E.2.b** There are problems associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- | | |
|------------------|--------------------|
| I.2.E.4.a | Airspace |
| I.2.E.4.a | Public use airport |
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
No supersonic ops
time
- I.2.E.7** Published availability of the airspace:

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0600 - 1800 M-F Other times by NOTAM

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 672 hrs

I.2.E.7.b Hours used: 654 hrs

I.2.E.7.c Reasons for non-use:

Ops rescheduling, weather, maintenance

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.

I.2.E.10 Description of the volume or area of the Airspace:

12,500 ft MSL to FL 180: ATCAA FL 180 - FL 290: Area 620 square nautical miles

I.2.E.11 98.00 percent of the airspace is usable.

Airspace: BEAK C

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

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- I.2.E.6** **Restrictions currently acting on this airspace:**
 Not supersonic
 time
- I.2.E.7** **Published availability of the airspace:**
 0600 - 1800 hrs M-F. Other hours by NOTAM
- Range scheduling statistics (yearly average from 1990 to 93.**
- I.2.E.7.a** **Hours scheduled:** 700 hrs
- I.2.E.7.b** **Hours used:** 674 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Ops, weather, amintenance cancels
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 12,500 MSL to FL 180: ATCAA FL 180-FL290: Area 640 square nautical miles
- I.2.E.11** **98.00 percent of the airspace is usable.**
Airspace: COWBOY
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Current
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAs and do not know if they were used.
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**

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I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 Restrictions currently acting on this airspace:

Not all supersonic

I.2.E.7 Published availability of the airspace:

Not published. Schedule and use not known.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 16 hrs

I.2.E.7.b Hours used: 12 hrs

I.2.E.7.c Reasons for non-use:

unknown

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.

I.2.E.10 Description of the volume or area of the Airspace:

FL 310 - FL 450: Area 3704 sq NM

I.2.E.11 98.00 percent of the airspace is usable.

Airspace: IR 133 MTR

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

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- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.3.a** 33 54.0N 105 50.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 33 59.0N 105 18.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 02.02N 106 28.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 06.0N 106 28.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 08.1N 105 59.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 15.5N 106 06.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 27.0N 106 21.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 28.5N 106 17.9W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 32.5N 105 22.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 34 36.0N 106 16.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 35 16.9N 105 05.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:

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- | | | |
|------------------|-------------------|--|
| I.2.E.4.a | Airports | |
| I.2.E.4.a | Public Use | |
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **Restrictions currently acting on this airspace:**
 Not useable IMC except by RF-4
 Prior clearance (if IR 113 in
 Time
- I.2.E.7** **Published availability of the airspace:**
 Sunrise - 0600Z daily
- Range scheduling statistics (yearly average from 1990 to 93.**
- I.2.E.7.a** **Hours scheduled:** 118 hrs
- I.2.E.7.b** **Hours used:** 106 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Ops, weather, maintenance reschedule
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 Minimum altitude all legs: 100 ft AGL. Max altitude varies by leg, up to 11,000 ft MSL. Area: 3110 sq nm
- I.2.E.11** **98.00 percent of the airspace is usable.**
Airspace: IR 134 MTR
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Current
- I.2.E.2.b** **There are problems associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

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Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

- I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a 32 11.4N 104 44.0W**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a 32 18.5N 105 27.5W**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a 32 42.0N 105 25.0W**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 Restrictions currently acting on this airspace:**
- Not usable IMC except by RF-4
Not usable IMC except by F-111
Time
- I.2.E.7 Published availability of the airspace:**
- Sunrise to 0600Z daily.
- Range scheduling statistics (yearly average from 1990 to 93.**
- I.2.E.7.a Hours scheduled: 78 hrs**
- I.2.E.7.b Hours used: 79 hrs**
- This MTR is used as a backup in case the restricted airspace in WSMR is pre-empted.
- I.2.E.8 Utilization of the airspace can be increased.**

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- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
Minimum altitude all legs: 100 ft AGL : Maximum altitude is 8000 ft on each leg. Area: 1,725 sq NM.
- I.2.E.11** 95.00 percent of the airspace is usable.
Airspace: IR 192 MTR
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Current
- I.2.E.2.b** There are problems associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Max alt not exceed 11,500 ft
Minimum alt 100 ft AGL
Time
- I.2.E.7** Published availability of the airspace:
Not published. New route.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled:
- I.2.E.7.b** Hours used:

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- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
Minimum altitude all legs: 100 ft AGL. Maximum altitude is 11,500 ft MSL. Area: 4,223 sq miles.
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: IR 194 MTR
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Current
- I.2.E.2.b** There are problems associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Max alt not exceed 11,500 MSL
Minimum alt 100 ft AGL
Time
- I.2.E.7** Published availability of the airspace:

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Not Published. New route.

Range scheduling statistics (yearly average from 1990 to 93).

I.2.E.7.a Hours scheduled:

I.2.E.7.b Hours used:

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

Minimum alt all legs: 100 ft AGL. Maximum alt 11,500 ft MSL. Area : 4,134 sq NM.

I.2.E.11

Airspace: IR 195 MTR

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 Restrictions currently acting on this airspace:

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Maximum not exceed 11,500 MSL
 Minimum alt 100 ft AGL
 Time

I.2.E.7 Published availability of the airspace:

Not published. New route.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled:

I.2.E.7.b Hours used:

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

Minimum alt all legs: 100 ft AGL. Maximum alt 11,500 ft MSL. Area 2,163 sq NM.

I.2.E.11

Airspace: R-5103B

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current, except for live drop area. EA for live drop area has been released in draft area. Final is expected within 60 days.

I.2.E.2.b There are problems associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

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I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **Restrictions currently acting on this airspace:**

Not supersonic
Preemption by priority R&D
Time

I.2.E.7 **Published availability of the airspace:**

0700-1600L M-F.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled: 73 hrs**

I.2.E.7.b **Hours used: 64 hrs**

I.2.E.7.c **Reasons for non-use:**

Ops resceduling. Preemption by priority R&D or FOT&E activity from Ft. Bliss. Some weather.

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**

I.2.E.10 **Description of the volume or area of the Airspace:**

SFC-12,500 ft MSL. 650 sq NM.

I.2.E.11 **90.00 percent of the airspace is usable.**

Airspace: R-5103C

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

Current

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAA's were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAA's and do not know if they were

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used.

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Not supersonic
Preemption by priority R&D
Time
- I.2.E.7** Published availability of the airspace:
0700 - 1600L M- F.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 233 hrs
- I.2.E.7.b** Hours used: 182 hrs
- I.2.E.7.c** Reasons for non-use:
Ops resceduling. Preemption by priority R&D or FOT&E activity from Ft. Bliss. Some weather.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
12,500 ft MSL to unlimited. 650 sq NM.
- I.2.E.11** 90.00 percent of the airspace is usable.
Airspace: R-5107B
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Current
- I.2.E.2.b** There are problems associated with the environmental analysis.

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- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
15,000' cable at mid-range
Altitude and geographic
Hour by hour restrictions
Scheduling preemption
Some not cleared for supersoni
- I.2.E.7** Published availability of the airspace:
24 hours per day. 7 days per week.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 1,443 hrs
- I.2.E.7.b** Hours used: 1,277 hrs
- I.2.E.7.c** Reasons for non-use:
Preemption of airspace by priority R&D.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
SFC - unlimited

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- I.2.E.11 60.00 percent of the airspace is usable.
Airspace: R-5107C
- I.2.E.2 An environmental analysis has been conducted for this airspace.
- I.2.E.2.a Status of the environmental analysis and supplement:
Current
- I.2.E.2.b There are problems No associated with the environmental analysis.
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6 Restrictions currently acting on this airspace:
- Altitude and geographi
 - Hour by hour restriction
 - Most cleared for supersoni
 - Scheduling preemption by R&D
- I.2.E.7 Published availability of the airspace:
24 hours a day. 7 datys a week.
- I.2.E.7.a Range scheduling statistics (yearly average from 1990 to 93).
Hours scheduled: 727 hrs

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- I.2.E.7.b** **Hours used:** 638 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Preemption by priority WSMR R&D activity. Also thunderstorm and winter cloud decks.
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 9000 ft MSL - unlimited. 885 sq NM.
- I.2.E.11** **95.00 percent of the airspace is usable.**
Airspace: R-5107H
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Current
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAA's were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAA's and do not know if they were used.
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **Restrictions currently acting on this airspace:**
 Altitude and geographic rest.
 Hour by hours restrictions

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Preemption by priority R&D

I.2.E.7 Published availability of the airspace:

24 hours and day, 7 days a week.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 654 hrs

I.2.E.7.b Hours used: 638 hrs

I.2.E.7.c Reasons for non-use:

Preemptions of airspace by WSMR R&D activity, thunderstorms, and winter cloud deck.

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

SFC-9000 ft MSL, 885 sq miles.

I.2.E.11 95.00 percent of the airspace is usable.

Airspace: R-5107J

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

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I.2.E.6 Restrictions currently acting on this airspace:

Altitude and geographic
Hour by hour restrictions
Most cleared for supersonic
Preemptions by R&D activity

I.2.E.7 Published availability of the airspace:

24 hours a day, 7 days a week. Hours and use not known, because it is not our airspace.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 5 hrs

I.2.E.7.b Hours used: 5 hrs

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

SFC-9000 ft MSL, 80 sq NM.

I.2.E.11 95.00 percent of the airspace is usable.

Airspace: R-5111A

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAA's were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAA's and do not know if they were used.

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- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Altitude and geographic
Hour by hour restrictions
Preempted by priority R&D
- I.2.E.7** Published availability of the airspace:
By NOTAM
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 276 hrs
- I.2.E.7.b** Hours used: 219 hrs
- I.2.E.7.c** Reasons for non-use:
Preemption of airspace by priority WSMR R&D.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
13,000-unlimited. 3,565 sq NM (Only 2,610 sq NM are designated for use under 49 FW operational directives).
- I.2.E.11** 60.00 percent of the airspace is usable.
Airspace: R-5111B
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Current
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

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The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
By NOTAM
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled:
- I.2.E.7.b** Hours used:
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
384 sq NM
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: TALON
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:

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Current

- I.2.E.2.b** There are problems associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
I.2.E.4.a Public use airports
- I.2.E.5** There are planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Not supersonic
Time
- I.2.E.7** Published availability of the airspace:
Sunrise - Sunset M-F Other times by NOTAM
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 638 hrs
- I.2.E.7.b** Hours used: 668 hrs
- Airspace used as backup in case airspace at White Sands Missile Range is preempted. Additionally, the airspace is backup when BEAK A, B, C MOAs are not workable for weather.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:

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12,500 MSI to FL 180: ATCAA FL 180-FL290: Area 1270 Square nautical miles

I.2.E.11 95.00 percent of the airspace is usable.

Airspace: VALENTINE MOA

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current

I.2.E.2.b There are problems associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

Only possess DOPAA for live drop area in White Sands Missile Range. Other DOPAAs were prepared as part of unit beddowns prepared at HQ ACC, the former HQ TAC, and/or HQ USAF. Do not possess copies of those DOPAAs and do not know if they were used.

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 Restrictions currently acting on this airspace:

I.2.E.7 Published availability of the airspace:

Sunrise - Sunset M-F. Other hours by NOTAM

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 70 hrs

I.2.E.7.b Hours used: 91 hrs

F-16 alert a/c from HAFB uses this space to train after active scrambles.

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- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
15,000 MSL to FL 180: ATCAA FL 180 - FL 510: Area 2520 sq NM
- I.2.E.11** 95.00 percent of the airspace is usable.

Commercial Aviation Impact

- I.2.E.12** The base is Not joint-use (military/civilian).
- I.2.E.13** List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Carrizozo	General Aviation
Condron AAF	Military
Sierra Blanca	General Aviation
Timberon	General Aviation
White Sands Space Harbor	Military
White Sands/Alamogordo Regional Airport	Civilian

- I.2.E.14** Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** Expansion of training airspace is possible.
- I.2.F.1.a** Estimated expansion potential is 50.0 percent. Rationale for estimate:
Some expansion of existing airspace and the construction of more new MRTs is possible.
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.
- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
FORT BLISS
62 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
US Navy Top Gun School, Mirima
565 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
150 TFG, Albuquerque, NM
134 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / 1/2 mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.8	99.6	98.7	98.0	97.7

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.6 percent of the time

I.2.J.2.b Is at or below 25 knots 99.9 percent of the time

I.2.J.3 8 Days have freezing precipitation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	Alamogordo Radar Tes	Detached Installatio			
II.1.A.2	Boles Wells Water Sy	Off-base site	7,411		2,694
II.1.A.3	Bonito Lake Water Sy	Off-base site	155		
II.1.A.4	Holloman AFB	Main Base	50,999	37,933	11,216
II.1.A.5	Tularosa Radar Test	Detached Installatio			
TOTALS:			58,565	37,933	13,910

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	45	41	100.0	0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	44	40	100.0	0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	42,035	94.0	6.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	290,403	85.0	1.0	14.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	96,100	112,108	100.0	0.0	0.0	16,008
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	7,140	7,640	64.0	0.0	36.0	500
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	92,149	91.0	9.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	33,007	33,007	79.0	21.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	12,368	12,368	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-818	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	891,755	58.0	22.0	20.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	149,000	93,689	64.0	5.0	31.0	0

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0	27.0	73.0	2.310	2,310	73.0	SF	DASH 21	211-152a	II.1.B.1.e.iii	211-152a	0
0	27.0	73.0	5,681	9,300	100.0	SF	Non-Destructive Inspection (NDI) Lab	211-153	II.1.B.1.e.iv	211-153	0
0	14.0	69.0	64,860	78,000	17.0	SF	Aircraft Maintenance Unit	211-154	II.1.B.1.e.v	211-154	0
2,392	44.0	56.0	51,822	49,430	44.0	SF	Jet Engine Inspection and Maintenance	211-157	II.1.B.1.e.vi	211-157	0
0	0.0	0.0	0	0	0.0	SF	Contractor Operated Main Base Supply	211-157a	II.1.B.1.e.vii	211-157a	0
13,817	73.0	27.0	33,917	20,100	73.0	SF	Aircraft Corrosion Control Hanger	211-158	II.1.B.1.e.viii	211-158	0
0	0.0	0.0	0	0	0.0	SF	Large Aircraft Maintenance Dock	211-173	II.1.B.1.e.ix	211-173	0
0	0.0	0.0	0	0	0.0	SF	Medium Aircraft Maintenance Dock	211-175	II.1.B.1.e.x	211-175	0
0	0.0	0.0	0	0	0.0	SF	Small Aircraft Maintenance Dock	211-177	II.1.B.1.e.xi	211-177	19,761
0	18.0	60.0	623,751	51,640	22.0	SF	Fuel System Maintenance Dock	211-179	II.1.B.1.e.xii	211-179	0
0	100.0	0.0	13,920	7,600	100.0	SF	Test Cell	211-183	II.1.B.1.e.xiii	211-183	0
0	0.0	0.0	3,258	7,600	0.0	SF	Mant-Guided Missiles	212	II.1.B.1.f	212	N/A
0	0.0	0.0	0	0	0.0	SF	Missile Assembly (Build-Up) Shop	212-212	II.1.B.1.f.i	212-212	0
0	0.0	0.0	0	0	0.0	SF	Integrated Maintenance Facility (cruise Missiles)	212-212a	II.1.B.1.f.ii	212-212a	0
0	0.0	0.0	9,425	0	0.0	SF	Tactical Missile Maintenance Shop	212-213	II.1.B.1.f.iii	212-213	0
0	0.0	0.0	0	0	0.0	SF	Integrated Maintenance Facility	212-220	II.1.B.1.f.iv	212-220	0
N/A	3.0	97.0	131,502	N/A	3.0	SF	Maintenance-Automotive	214	II.1.B.1.g	214	N/A
0	0.0	100.0	85,927	100,744	0.0	SF	Trailer/Equipment Maintenance Facility	214-425	II.1.B.1.g.i	214-425	0
0	0.0	0.0	2,178	3,600	0.0	SF	Refueling Vehicle Shop	214-467	II.1.B.1.g.ii	214-467	0
0	0.0	100.0	6,300	17,500	0.0	SF	Weapons and Release Systems (Armament Sho	215-552	II.1.B.1.h	215-552	0
0	0.0	100.0	19,465	43,000	0.0	SF	Conventional Munitions Shop	216-642	II.1.B.1.i	216-642	0
N/A	2.0	98.0	46,296	N/A	2.0	SF	Maint-Electronics and Communications Equip	217	II.1.B.1.j	217	N/A
0	0.0	100.0	45,289	52,000	0.0	SF	Avionics Shop	217-712	II.1.B.1.j.i	217-712	0
0	0.0	0.0	0	0	0.0	SF	LANTIRN	217-712a	II.1.B.1.j.ii	217-712a	0
0	0.0	0.0	4,800	0	0.0	SF	ECM Pod Shop and Storage	217-713	II.1.B.1.j.iii	217-713	0
0	55.0	100.0	39,840	88,700	44.0	SF	Aircraft Support Equipment Shop/Storage Facility	218-712	II.1.B.1.k.i	218-712	0
0	0.0	100.0	12,697	17,783	0.0	SF	Survival Equipment Shop (Parachute)	218-852	II.1.B.1.k.ii	218-852	0
0	0.0	100.0	10,571	10,900	0.0	SF	Precision Measurement Equipment Lab	218-868	II.1.B.1.k.iii	218-868	0
N/A	0.0	100.0	168,449	N/A	0.0	SF	Maintenance-Installation, Repair, and Ops	219	II.1.B.1.l	219	N/A
N/A	16.0	84.0	121,304	N/A	16.0	SF	Science Labs	310	II.1.B.1.m	310	N/A
N/A	0.0	100.0	38,222	N/A	0.0	SF	Aircraft RD&E Facilities	311	II.1.B.1.n	311	N/A
N/A	0.0	100.0	26,150	N/A	0.0	SF	Missile and Space RD&E Facs	312	II.1.B.1.o	312	N/A
N/A	0.0	100.0	59,205	N/A	0.0	SF	Weapons and Weapon Syst RD&E Facilities	315	II.1.B.1.p	315	N/A
N/A	7.0	93.0	180,497	N/A	7.0	SF	Elect Comm & Elect Equip RD&E Facilities	317	II.1.B.1.q	317	N/A
N/A	0.0	0.0	N/A	N/A	0.0	SF	Propulsion RD&E Facilities	318	II.1.B.1.r	318	N/A
0	100.0	0.0	46,205	55,841	100.0	BL	Jet Fuel Storage	411-135	II.1.B.1.s.i	411-135	0

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Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage Cond Code 1 (%)	Percentage Cond Code 2 (%)	Percentage Cond Code 3 (%)
II.1.B.1.i	422 Ammunition Storage Installation & Ready Use	SF	N/A	77.241	91.0	9.0
II.1.B.1.i.i	422-253 Multi-Cuticle Magazine Storage	SF	7,022	4,504	100.0	0.0
II.1.B.1.i.ii	422-258 Above Ground Magazine	SF	19,235	30,661	100.0	0.0
II.1.B.1.i.iii	422-264 Igloo Magazine	SF	11,945	11,945	100.0	0.0
II.1.B.1.i.iv	422-265 Spare Inert Storage (Alternate Mission Equipmen	SF	7,500	14,982	80.0	20.0
II.1.B.1.i.v	422-275 Ancillary Explosives Facility (Holding Pad)	SF	1	1	100.0	0.0
II.1.B.1.u	441 Storage-Covered Depot & Arsenal	SF	N/A	329,440	99.0	1.0
II.1.B.1.v	442 Storage-Covered-Installation & Organ	SF	N/A	252,234	92.0	8.0
II.1.B.1.v.i	442-257a Hydrazine Storage	SF	0	0	0.0	0.0
II.1.B.1.v.ii	442-258 LOX Storage	GA	2,970	2,970	100.0	0.0
II.1.B.1.v.iii	442-758 Base Warehousing Supplies and Equipment	SF	225,933	198,387	97.0	3.0
II.1.B.1.v.iv	442-758a Base Warehousing Supplies and Equipment (W	SF	12,000	12,223	100.0	0.0
II.1.B.1.v.v	442-758b Warehousing Supplies and Equipment (AGS Par	SF	73,300	31,334	100.0	0.0
II.1.B.1.w	510 Medical Center and/or Hospital	SF	N/A	90,807	25.0	73.0
II.1.B.1.x	530 Medical Laboratories	SF	N/A	949	0.0	100.0
II.1.B.1.y	540 Dental Clinics	SF	N/A	7,077	0.0	5.0
II.1.B.1.z	550 Dispensaries and/or Clinics	SF	N/A	0	0.0	0.0
II.1.B.1.aa	610 Administrative Buildings	SF	N/A	476,150	79.0	17.0
II.1.B.1.aa.i	610-144 Munitions Maintenance Administration	SF	9,720	6,660	100.0	0.0
II.1.B.1.aa.ii	610-144a Munitions Line Delivery/Storage Section	SF	0	0	0.0	0.0
II.1.B.1.bb	721 Unaccompanied Enlisted (UEPH & VAO)	PN	N/A	1,598	71.0	15.0
II.1.B.1.bb.i	721-312 Unaccompanied Enlisted Dorm	PN	1,466	1,414	68.0	16.0
II.1.B.1.cc	722 Dining Hall	SF	N/A	29,636	100.0	0.0
II.1.B.1.cc.i	722-351 Airman Dining Hall	SF	28,710	29,636	100.0	0.0
II.1.B.1.dd	724 Unaccompanied Officer Housing (OO & VOO)	PN	N/A	205	41.0	59.0
II.1.B.1.ee	730 Personnel Support and Services Facilities	SF	N/A	85,509	97.0	3.0
II.1.B.1.ff	740 Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	406,524	84.0	10.0
II.1.B.1.gg	852-273 Act Support Equipment Storage	SF	4,875	48,568	100.0	0.0
II.1.B.1.i	113 Airfield Pavement-Apron(s)	SY	328,409	78.0	22.0	0.0
II.1.B.1.b	112 Airfield Pavements-Taxways	SY	614,180	71.5	28.0	0.5
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	689,071	29.0	71.0	0.0

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage Cond Code 1 (%)	Percentage Cond Code 2 (%)	Percentage Cond Code 3 (%)
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	328,409	78.0	22.0	0.0
II.1.B.1.b	112 Airfield Pavements-Taxways	SY	614,180	71.5	28.0	0.5
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	689,071	29.0	71.0	0.0

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II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	2,578,808	98.0	2.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	1,421	0.0	0.0	100.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	395,159	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	894,828	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	13,564	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	2,396,024	82.0	18.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	1,208,431	65.0	35.0	0.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

636

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

915

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-444

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was Not used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

448

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

95

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

991

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 51.0 percent of officer families live on base.

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- II.1.C.3.b 50.0 percent of enlisted families live on base.
 II.1.C.3.a 50.4 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.D)	
	Length	Width		Number	Types
22 Secondary	10577 ft	300 ft	Yes	4	BAK-12, MA1A
25 Secondary	8055 ft	150 ft	Yes	4	BAK-12, 61QSH
16 Primary	12133 ft	150 ft	No	6	BAK-12, BAK-9, 61QSH

- II.2.A There are 3 active runways.
 II.2.A.1 There are 2 cross (30 degrees from primary) runways.
 II.2.B There are NO parallel runways.
 II.2.C Dimensions of the primary runway (16).
 II.2.C.1 Length: 12,133 ft
 II.2.C.2 Width: 150 ft
 II.2.D Dimensions of all secondary runways are in the runway table.
 II.2.E The primary taxiway is 75 ft wide.
 II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCEA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCEA Pavement Evaluation Report was used to complete this section.

Aircraft Group	Criteria	Primary Pavements		
		Runways	Taxiways	Aprons
Fighter F-15	61 Kips	300,000 Passes	Supports Now	Upgrade Needed
Fighter F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now
Bomber B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed
Bomber B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed
Tanker KC-135R	320 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed
Tanker KC-10	550 Kips	15,000 Passes	Supports Now	Upgrade Needed
Airlift C-5B	800 Kips	50,000 Passes	Supports Now	Upgrade Needed
Airlift C-141	325 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed

Work required to upgrade pavement to the required strength:

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		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Taxiway	B-1B	SY	36,667	Reconstruct with 23.5" PCC ; 12,500 SY Reconstruct with 16.5" PCC ; 12,166 SY Reconstruct with 16.5" PCC
Runway	B-1B	SY	35,833	Reconstruct with 5" AC and 8" base thickness ; 16,667 SY Reconstruct with 21"PCC
Aprons	B-1B	SY	7,500	Reconstruct with 22" PCC ; 24,791 SY REconstruct with 19.5" PCC ; 17,500 SY Reconstruct with 26" PCC ; 23,611 SY Reconstruct with 20.5" PCC ; 20,833 SY Reconstruct with 20.5" PCC ; 7,083 SY Reconstruct with 18.5" PCC
Runway	B-52	SY	35,833	Reconstruct with 5" AC and 8" base thickness ; 16667 Reconstruct with 22.5" PCC
Taxiway	B-52	SY	36,667	Reconstruct with 25" PCC ; 12,500 SY Reconstruct with 19" PCC ; 12,166 SY Reconstruct with 19" PCC ; 14,444 SY Reconstruct with 20.5" PCC ; 3,333 SY Reconstruct with 24.5" PCC
Aprons	B-52	SY	7,500	Reconstruct with 23.5" PCC ; 24,791 SY Reconstruct with 21" PCC ; 17,500 SY Reconstruct with 27.5" PCC ; 23,611 SY Reconstruct with 22" PCC ; 20,833 SY Reconstruct with 22" PCC ; 7,083 SY Reconstruct with 20" PCC
Aprons	C-141	SY	7,500	Reconstruct with 18.5" PCC ; 24,791 SY Reconstruct with 16" PCC ; 17,500 SY Reconstruct with 21.5" PCC ; 23,611 SY Reconstruct with 17" PCC ; 20,833 SY Reconstruct with 17" PCC
Runway	C-141	SY	16,667	Reconstruct with 17.5" PCC
Taxiway	C-141	SY	36,667	Reconstruct with 14" PCC ; 12,500 SY Reconstruct with 12.5" PCC
Aprons	C-5B	SY	7,500	Reconstruct with 17" PCC ; 24,791 SY Reconstruct with 14.5" PCC ; 17,500 SY Reconstruct with 20" PCC ; 23,611 SY Reconstruct with 15.5" PCC ; 20,833 SY Reconstruct with 15.5" PCC
Aprons	F-15	SY	7,500	Reconstruct with 12" PCC ; 24,791 SY Reconstruct with 12" PCC ; 17,500 SY Reconstruct with 12" PCC ; 23,611 SY Reconstruct with 12" PCC ; 20,833 SY Reconstruct with 12" PCC
Runway	KC-10	Sy	16,667	Reconstruct with 17" PCC
Aprons	KC-10	SY	7,500	Reconstruct with 17.5" PCC ; 24,791 SY Reconstruct with 15" PCC ; 17,500 SY Reconstruct with 21" PCC ; 23,611 SY Reconstruct with 16" PCC ; 20,833 SY Reconstruct with 16" PCC
Taxiway	KC-135R	SY	12,500	Reconstruct with 13" PCC

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Aprons	KC-135R	SY	7,500	Reconstruct with 17.5" PCC ; 24,791 SY Reconstruct with 15" PCC ; 17,500 SY Reconstruct with 20.5" PCC ; 23,611 SY Reconstruct with 16" PCC ; 20,833 SY Reconstruct with 16" PCC
Runway	KC-135R	SY	16,667	Reconstruct with 16.5" PCC

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 251,956 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	11227	95 ft	293 ft	Primary Aircraft
11301	110 ft	140 ft	Primary Aircraft	N.Ramp, F-106, HH-1H
11303	94 ft	94 ft	Neither	Engine Test/Storage/
11307	250 ft	400 ft	Primary Aircraft	Aero Club
11312	2,560 ft	445 ft	Transient Aircraft	T/A parking
11313	911 ft	911 ft	Primary Aircraft	Main Ramp T-38/F-4
11314	275 ft	450 ft	Transient Aircraft	VIP T/A parking
11319	640 ft	640 ft	Primary Aircraft	North Ramp
11320	1,220 ft	500 ft	Primary Aircraft	North Ramp
11322	286 ft	286 ft	Primary Aircraft	Multiple use
11324	270 ft	100 ft	Primary Aircraft	Alert Facility
11325	396 ft	397 ft	Primary Aircraft	HH-60 parking

II.2.G.2 Permanently assigned aircraft currently require 169,948 Sq Yds of parking space.

II.2.G.3 82,008 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

Size of the aircraft, weight/category of the aircraft, and type of munitions aircraft is carrying

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

Load capacity at rear entrance to alert facility and West area mobility apron prevent regular use until repairs are completed.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	6.801 MG/D	MG/D - million gallons per day	48 %
II.3.A.2 Sewage:	3.456 MG/D		37 %
II.3.A.3 Electrical distribution:	82.0 MW	MW - million watts	21 %
II.3.A.4 Natural Gas:	4.50 MCF/D	MCF/D - million cubic feet per day	24 %
II.3.A.5 High temperature water/steam generation/distribution:		- MBTUH - million British thermal units per hour	0 %

II.3.B Characteristics regarding the utility system that should be considered:

Some Holloman AFB utility service contracts have "take or pay" clauses in them. Holloman AFB purchases gas through a central office (DFSC) and purchases electrical power from a federal power marketing administration (WAPA). Holloman uses PVC for w

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 282 Hanger
Current Use: Corrosion Control facility, F-4E, AT-38B

II.4.A.2 Size (SF): 19,396 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-41

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	89 ft	37 ft	
II.4.A.6 Largest unobstructed space inside the facility:	94 ft	37 ft	68 ft

II.4.A.1 Facility number: 283 Hanger
Current Use: Corrosion Control facility, F4-E, AT-38B

II.4.A.2 Size (SF): 19,396 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-41

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	89 ft	37 ft	
II.4.A.6 Largest unobstructed space inside the facility:	94 ft	37 ft	68 ft

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II.4.A.1 Facility number: 291 Hanger
Current Use: Maintenance Dock, S/A F4-E, AT-38B

II.4.A.2 Size (SF): 14,755 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A/OA-10

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	81 ft	25 ft	
II.4.A.6	Largest unobstructed space inside the facility:	106 ft	25 ft	86 ft

II.4.A.1 Facility number: 301 Hanger
Current Use: Maintenance Dock, S/A F-4E, AT-38B

II.4.A.2 Size (SF): 33,920 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: B-2A

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	160 ft	25 ft	
II.4.A.6	Largest unobstructed space inside the facility:	226 ft	25 ft	160 ft

II.4.A.1 Facility number: 315 Hanger
Current Use: Maintenance Dock, Fuel Shop, F-4E, AT-38B

II.4.A.2 Size (SF): 13,920 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	95 ft	20 ft	
II.4.A.6	Largest unobstructed space inside the facility:	99 ft	20 ft	87 ft

II.4.A.1 Facility number: 500 Hanger
Current Use: Maintenance Dock, S/A F-4E, AT-38B

II.4.A.2 Size (SF): 41,379 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: UV-18B

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	168 ft	25 ft	
II.4.A.6	Largest unobstructed space inside the facility:	100 ft	37 ft	119 ft

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II.4.A.1 Facility number: 830 Hanger
Current Use: Corrosion Control facility, F-117A

II.4.A.2 Size (SF): 8,670 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-21A

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	56 ft	17 ft	84 ft

II.4.A.1 Facility number: 867 Hanger
Current Use: Maintenance Dock, S/A F-117A

II.4.A.2 Size (SF): 7,508 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-41

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	145 ft	18 ft	
II.4.A.6 Largest unobstructed space inside the facility:	145 ft	18 ft	72 ft

II.4.A.1 Facility number: 868 Hanger
Current Use: Maintenance Dock, S/A F-117A

II.4.A.2 Size (SF): 48,904 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: T-1A

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	107 ft	24 ft	
II.4.A.6 Largest unobstructed space inside the facility:	103 ft	24 ft	92 ft

II.4.A.1 Facility number: 877 Hanger
Current Use: Maintenance Dock, S/A F-117A

II.4.A.2 Size (SF): 51,012 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: B-2A

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	161 ft	25 ft	
II.4.A.6 Largest unobstructed space inside the facility:	257 ft	37 ft	155 ft

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II.4.A.1 Facility number: 898 Hanger
 Current Use: Maintenance Dock, S/A F-117A

II.4.A.2 Size (SF): 35,287 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: EC-121

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	31 ft	
II.4.A.6 Largest unobstructed space inside the facility:	257 ft	44 ft	155 ft

II.4.A.1 Facility number: 21810 Hanger
 Current Use: Maintenance Dock, S/A F-117A

II.4.A.2 Size (SF): 31,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21811 Hanger
 Current Use: Maintenance Dock, S/A F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21812 Hanger
 Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

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II.4.A.1 Facility number: 21813 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21814 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21815 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21816 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

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II.4.A.1 Facility number: 21817 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21818 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

II.4.A.1 Facility number: 21819 Hanger
Current Use: Maintenance Dock, F-117A

II.4.A.2 Size (SF): 32,478 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: A-37

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	64 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	58 ft	22 ft	82 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
46th Test Group	387,543 SF	311-174	Additional Cat Codes: 312-472, 312-476, 312-477, 315-237, 315-944, 317-311, 317-315, 317-316, 319-442, 319-443, 319-951, 319-995, 371-475, 422-275, 211-161, 211-154, 610-243, 216-642, 125-977, 422-256, 740-668, 811-149, 821-177, 842-249, 890-187, and
49th Bare Base Sys Gp	434,274 SF	219-944	Addition Cat Codes: 610-243, 441-758, 214-425, 214-422, 218-712, 610-142, 441-628, 610-122, 441-257, 179-371, and 112-211. Supports world-wide contingencies both war and peacetime for DOD and National agencies

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4th Space Warning Sq	62,626 SF	141-454	Additional Cat Codes: 214-425, 123-335. USAF only survivable Mobile Defense Support Program satellite ground system.
Alamogordo Radar Test Site	117,723 SF	317-316	Add Cat Codes: 730-832, 841-169, 831-168, 214-422, 823-248, 123-335, 319-995, and 442-257, plus 46 miscellaneous support facilities. SF covers nine buildings
Det 1, AF Space Forecast Cente	2,652 SF	310-293	Additional Cat Codes: 610-243. One of six world-wide Air Force solar observatories
Housing and Maintenance	324,780 SF	211-177	Housing and maintenance facilities for F-117A
Maintenance Facilities	305,027 SF	218-852	Additional Cat Codes, 211-157, 442-257, 211-183, 211-152, 218-712, 217-712, 216-642, 211-159, 218-868, 211-153, 211-177, and 211-154. Unique maintenance facilities for the F-117A
Phillips Lab	111,111 SF	none	Atmospheric Research Program Balloon Launch Pad which requires large unobstructed areas around the pad that are not in the vicinity of an airfield.
Tularosa Radar Test Site	8,322 SF	610-811	Add Cat Code: 843-316 plus 88 miscellaneous facilities, spread over four buildings. Three major R&D facilities are miscellaneous structures in cat codes 390-311 and 371-923.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/WG/LOW DEN
II.6.A.1	04	CZ	0	206	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	07	CZ	0	206	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	16	CZ	0	206	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	22	CZ	0	206	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	25	CZ	0	206	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	34	CZ	0	206	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.A.2	04	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	07	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	16	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	22	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	25	APZ 1		344	0.0	Gen Compat	0.0	0.0	0.0	55.0	0.0	45.0
	34	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

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DNL	Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
04	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
07	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
16	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
22	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
25	APZ 2	0	482	0	0.0	0.0	0.0	0.0	80.0	0.0	20.0
34	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
65-70		0	9,700	0	0.0	0.0	0.0	0.0	88.0	0.0	12.0
70-75		0	6,381	0	0.0	0.0	0.0	0.0	92.0	0.0	8.0
75-80		0	2,936	0	0.0	0.0	0.0	0.0	97.0	0.0	3.0
80+		0	939	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0

11.6.A.3

11.6.A.4

11.6.A.5

11.6.A.6

11.6.A.7

11.6.B

Percent future off base incompatible land use:

Runway Number	Area	Est Ppp	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
04	CZ	0	206	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
07	CZ	0	206	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
16	CZ	0	206	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
22	CZ	0	206	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
25	CZ	0	206	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
34	CZ	0	206	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
04	APZ 1	0	344	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
07	APZ 1	0	344	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
16	APZ 1	0	344	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
22	APZ 1	0	344	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
25	APZ 1	0	344	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
34	APZ 1	0	344	0	0.0	0.0	0.0	0.0	55.0	0.0	45.0
04	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
07	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
16	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
22	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
25	APZ 2	0	482	0	0.0	0.0	0.0	0.0	80.0	0.0	20.0
34	APZ 2	0	482	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0

11.6.B.1

11.6.B.2

11.6.B.3

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	Noise Contour	Est Pop	Acres	Incompatible Land Use	Incompatible Land Use	RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.4	65-70	0	9,700	0	Gen Compat	0.0	0.0	0.0	88.0	0.0	12.0
II.6.B.5	70-75	0	6,381	0	Gen Compat	0.0	0.0	0.0	92.0	0.0	8.0
II.6.B.6	75-80	0	2,936	0	Gen Compat	0.0	0.0	0.0	97.0	0.0	3.0
II.6.B.7	80+	0	939	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

II.6.C The most recent, publicly released AICUZ study is dated Jan 94

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft

Subsection reflects the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on Jan 94

The study is still valid.

II.6.F Local governments have Not incorporated AICUZ recommendations into land use controls

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Tularosa	2307	2418	2536	2615	2720
Alamogordo	21783	23335	24024	27596	39720

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Otero County	36976	41097	44664	51928	57832

II.6.I All clear zone acquisition has been completed.

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II.6.J Existing on base facilities not sited in accordance with AICUZ recommendations:

Type of facility:	Approximate number of occupants	Zone with violation	Reason the incompatibility is necessary
Build 824, 49 FW	45	CZ	Predates AICUZ Program
CE Maintenance Shop	0	CZ	Predates AICUZ Program
Disaster Prep A	6	CZ	Predates AICUZ Program
Disaster Prep B	0	CZ	Predates AICUZ Program
EOD A	0	CZ	Predates expanded CZ
EOD B	26	CZ	Predates AICUZ Program
FAC 11303 A/C pads 8,9	0	CZ	Predates AICUZ Program
FAC 11322 A/C pads 9, 10	0	CZ	Predates AICUZ Program
FAC 12900, Open Storage Jet Fuel, 285 gal	0	APZ 1	Predates AICUZ Program
FAC 12901, Open Storage, MOGAS, Diesel, AVLUBE	0	APZ 1	Predates AICUZ Program
FAC 12902 LF STD Unload	0	APZ 1	Predates AICUZ Program
FAC 4105 Storage, jet	0	APZ 1	Predates AICUZ Program
FAC 41108 Storage, jet	0	CZ	Predates AICUZ Program
FAC 75104, Trees at the golf course	0	CZ	Predates AICUZ Program
FAC 83202, San Sewage Pump Station	0	CZ	Predates AICUZ Program

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HQ Named/No Div	0	CZ	Predates AICUZ Program
MSL LCH Facility	0	CZ	Predates AICUZ Program
MSL Research Testing	0	CZ	Predates AICUZ Program
Misc O/Rec Facility	0	APZ 1	Predates AICUZ Program
Mobility Fac	0	CZ	Predates AICUZ Program
Non-Dest Insp	21	CZ	Predates AICUZ Program
POL Ops Facility	75	APZ 1	Predates AICUZ Program
POL Ops Facility (CE)	8	APZ 1	Predates AICUZ Program
RAD Beacon Facility	0	APZ 1	Predates AICUZ Program
SC Lab Geophysics A	4	CZ	Predates AICUZ Program
SC Lab Geophysics B	2	CZ	Predates AICUZ Program
SHP NAVAID	0	CZ	Predates AICUZ Program
San Sew Pmp St	0	CZ	Predates AICUZ Program
TRML Air FRT	3	CZ	Predates AICUZ Program
Test Track Build	0	CZ	Predates AICUZ Program
Water Supply Building	0	APZ 1	Predates AICUZ Program
Whse Sup Equip A	10	CZ	Predates AICUZ Program

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Whse Sup Equip B	0	CZ	Predates AICUZ Program
Whse Sup Equip C	0	CZ	Predates expanded CZ
Whse Sup Equip D	0	CZ	Predates expanded CZ

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

- II.6.K** Noise complaints are received from off base residents.
- II.6.K.1** 0.0 noise complaints per month (average) are received from off base residents.
- II.6.L** The base has implemented noise abatement procedures as follows:
- II.6.L.1** Avoiding pop. areas during take-off; governing a/c speed, rate of climb, and turn radius; imposition of quiet hours for certain a/c; limit max power take-offs; maintain higher altitude for all a/c patterns; training; more sound suppression equip.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 3 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE.

III.1.A.1.b Current MHE: 2K electric (2 ea), 4K diesel (6ea); 6K diesel (4ea); 10K diesel (12ea); 15K diesel (1ea); 22K diesel (1ea); 25K diesel (2ea); 40K diesel (1ea). The number of "E" MHE is 104.

III.1.A.2 5 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:			Remarks:
	Can land	Can taxi	Can park	Can refuel
747				
C-5	Can land	Can taxi	Can park	Can refuel
KC-10	Can land	Can taxi	Can park	Can refuel

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is Not available to transient aircraft.

III.1.C.2 4 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
Modified Type IV	600	4	4	4	1
TYPE V	40	40	40	40	0

III.1.C.3 2 fuel storage tanks support the operational fuel hydrant system:

III.1.C.3.a	Storage tank Capacity:	Tanks with this capacity
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Capacity:	25000
Excess Capacity:	2

- III.1.C.4 The hydrant system is 3.0 miles from the bulk storage area.
- III.1.C.5 4 pits are certified for hot pit operations.
- III.1.D The base bulk storage facility is serviced by a pipeline.
- III.1.D.1 The pipeline is the primary fuel source for the bulk storage facility.
- III.1.D.2 There are no limitations to continuous service from the primary source.

III.1.D.3 0 excess storage

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank trucks

Number of offload headers: 8

4 tank trucks can be simultaneously offloaded

Tank cars can not be offloaded.

III.1.D.5 8 refueling unit fillstands are available.

III.1.D.5.a 8 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 1195008 maximum: 3312069

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: Standard TRANS Pipeline

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

Cat 1.1	Cat 1.2
3288141	0
40241	40241
239998	29

Physical Limits for Cat 1.2 Munitions:

In 18 buildings a limitation of 40,241 sq ft. exists. Maximum capacity in Cat 1.2 can't be figured.

III.1.F The base does not have a dedicated hot cargo pad.

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT BLISS	62 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Alamogordo - Las Cruces	47 NM
Albuquerque	137 NM
El Paso - El Paso	69 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

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- III.1.L Unique missions performed by the base medical facility:**
 Wartime taskings, Physiological Centrifuge Training, NASA Shuttle Support, Prototype Patient Decontamination Materiel Assemblage, FF
 Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,
- III.1.M Base medical facilities project planned to begin before to 1999:**
 Alter lab; addition/alteration composite medical facility; ambulance parking; HVAC repair for operating room; Alter emergency room; rep
 Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.
- III.1.M.1 The project has been approved.**
- III.1.M.2 No major MCP has been completed since 1989.**
- III.1.N Base facilities have a total excess storage capacity of 34,078 sq ft.**
- III.1.N.1 Base facilities have a total covered storage capacity of 198,387 sq ft.**
- III.1.N.2 Breakout of the total covered storage capacity:**
- | | |
|--|---------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 140,237 sq ft |
| Mobility storage: | 24,942 sq ft |
| War Readiness Support Kits (WRSK) storage: | 12,223 sq ft |
- III.1.O 340 light military vehicles are on base.**
- III.1.P 757 heavy military and special vehicles are on base.**

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-92	Appropriation 3400	Direct 2,046.60 \$sK	Reimbursable 4.70 \$sK		2,051.30 \$sK	
	FY-93	Appropriation 3400	Direct 5,096.80 \$sK	Reimbursable 0.00 \$sK		5,096.80 \$sK	
	FY-94	Appropriation 3400	Direct 6,417.30 \$sK	Reimbursable 0.00 \$sK			6,417.30 \$sK
		xxx56 TOTALS:			2,051.30 \$sK	5,096.80 \$sK	6,417.30 \$sK
IV.1.B	xxx76	Real Property Maintenance A		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-93	Appropriation 0200	Direct 644.40 \$sK	Reimbursable 5.00 \$sK		649.40 \$sK	
	FY-94	Appropriation 0200	Direct 140.00 \$sK	Reimbursable 0.00 \$sK			140.00 \$sK
		xxx76 TOTALS:				649.40 \$sK	140.00 \$sK
IV.1.C	xxx78	Real Property Maintenance S		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-93	Appropriation 0200	Direct 4,106.80 \$sK	Reimbursable 0.20 \$sK		4,107.00 \$sK	
	FY-94	Appropriation 0200	Direct 2,255.00 \$sK	Reimbursable 0.00 \$sK			2,255.00 \$sK
		xxx78 TOTALS:				4,107.00 \$sK	2,255.00 \$sK
IV.1.D	xxx90	Audio Visual		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation 3400	Direct 173.30 \$sK	Reimbursable 0.00 \$sK	173.30 \$sK		
	FY-92	Appropriation 3400	Direct 120.90 \$sK	Reimbursable 0.00 \$sK		120.90 \$sK	
	FY-93	Appropriation 3400	Direct 231.00 \$sK	Reimbursable 4.30 \$sK		235.30 \$sK	
	FY-94	Appropriation 3400	Direct 71.00 \$sK	Reimbursable 0.00 \$sK			71.00 \$sK
		xxx90 TOTALS:		173.30 \$sK	120.90 \$sK	235.30 \$sK	71.00 \$sK
IV.1.E	xxx95	Communications		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable			

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		3400	2,187.60 \$sK	6.90 \$sK	2,194.50 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	3,398.90 \$sK	26.00 \$sK		3,424.90 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	2,425.30 \$sK	4.60 \$sK			2,429.90 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	1,406.00 \$sK	0.00 \$sK				1,406.00 \$sK
			xxx95 TOTALS:		2,194.50 \$sK	3,424.90 \$sK	2,429.90 \$sK	1,406.00 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	6,807.60 \$sK	58.60 \$sK	6,866.20 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	6,125.00 \$sK	49.80 \$sK		6,174.80 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	11,984.40 \$sK	1,564.10 \$sK			13,548.50 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	8,772.00 \$sK	0.00 \$sK				8,772.00 \$sK
			xxx96 TOTALS:		6,866.20 \$sK	6,174.80 \$sK	13,548.50 \$sK	8,772.00 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		7045	6,454.70 \$sK	4.70 \$sK	6,459.40 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		7045	9,717.50 \$sK	1.10 \$sK		9,718.60 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		7045	11,919.60 \$sK	0.00 \$sK			11,919.60 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		7045	10,267.70 \$sK	5.00 \$sK				10,272.70 \$sK
			MFH TOTALS:		6,459.40 \$sK	9,718.60 \$sK	11,919.60 \$sK	10,272.70 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 0.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 257\$sM

Twenty year Net Present Value (633)\$sM

Steady state savings 65\$sM per year

Manpower savings associated with closure 1,392

Return on Investment (years): 4

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Section VI Economic Impact**Economic Area Statistics:****Otero County, NM****Total population: 51,000 (FY 92)****Total employment: 26,873 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****8.3% / 8.2% / 7.2%****Average annual job growth: 280****Average annual per capita income: \$13,662****Average annual increase in per capita income: \$4.4%****Projected economic impact:**

Direct Job Loss:	6,332	
Indirect Job Loss:	<u>2,103</u>	
Closure Impact:	8,435	(31.4% of employment total)
Other BRAC Losses:	<u>0</u>	
Cumulative Impact:	8,435	(31.4% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 12.5 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$613

Describe the transportation systems.

- VII.1.B.1 The base is NOT served by REGULARLY SCHEDULED, public transportation.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 7 miles
- VII.1.B.2 Airport name: Alamogordo-White Sands Regional
- VII.1.B.3 Number of commercial air carriers available at the airport: 1
- VII.1.B.4 Average round trip commuting time to work: 45 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	Washington Park	15		20	Min.
VII.1.C.2 Movie theater	Cinema 5	18		25	Min.
VII.1.C.3 Public golf course	Desert Lakes	12		15	Min.
VII.1.C.4 Bowling lane	Apollo Lanes	15		20	Min.
VII.1.C.5 Boating	Elephant Butte Lake	160	3		Min.
VII.1.C.6 Fishing	Elephant Butte Lake	160	3		Min.
VII.1.C.7 Zoo	Alameda Park Zoo	15		20	Min.
VII.1.C.8 Aquarium	San Antonio Aquarium	700	12		Min.
VII.1.C.9 Family theme park	Wet and Wild	70	2		Min.
VII.1.C.10 Professional sports	Cohen Stadium	90	2	30	Min.
VII.1.C.11 Collegiate sports	NMSU	50	1	30	Min.

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VII.1.C.12	Camping facilities	KOA Campground	15		Hrs.	20	Min.
VII.1.C.13	Beaches (lake or ocean)	Gulf of California	400		3 Hrs.		Min.
VII.1.C.14	Outdoor winter sports	Snow Canyon	35		Hrs.	50	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

White Sands Mall 25 min (18 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

El Paso, TX 2 hrs (94 Miles)

Local area crime rate:

- VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 351
- VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 4497

2. Education

- VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 25 to 1
- VII.2.B Local high schools offer a four-year English program.
- VII.2.B Local high schools offer a four-year Math program.
- VII.2.B Local high schools offer four-year Foreign Language programs.
- VII.2.C Local high schools offer an Honors program.
- VII.2.D 92.0 percent of high school students go on to either a two- or four-year college
- VII.2.E There are opportunities for off-base education within 25 miles of the base.
- VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:
NMSU-Alamogordo; Alamo Business College
- VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:
NMSU-Alamogordo
- VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:
NMSU-Alamogordo

3. Spousal Employment

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- VII.3.A 71.4 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 47.5 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 8.3 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D -2.5 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 0.8 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 1.4 beds/1000 people

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: El Paso-Las Cruces-Alamo Interstate Air Quality Control Region

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b The state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c The state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a The state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b The state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c The state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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Aquifer

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Leaking underground storage tanks, fuel leakage

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 30 water wells exist at the base.

VIII.3.D 10 wells have been abandoned for the following reasons:

Casing and/or screen failures

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
Lake Holloman	160.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

VIII.4.C.1 Nature of the contamination: Organochlorine pesticides and metals

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VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 1 wastewater treatment facilities (industrial/domestic) are located on-base:

|Holloman AFB, wastewater treatment plant |

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A There any No National Pollutant Elimination System permits in effect.

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

Lake Holloman which is not contiguous to the main base. It is surrounded by land administered by the Bureau of Land Management.

VIII.6.C The base has discharge impoundments.

VIII.6.C.1 There are 7 water/wastewater treatment impoundments.

VIII.6.C.2 There are No industrial wastewater treatment impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 96.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 98.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

VIII.8.A Ecological or wildlife management areas ON the base: Ecological or wildlife management areas ADJACENT TO the base:

Lake Holloman
Lake Stinky

VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.

VIII.8.B No critical/sensitive habitats have been identified on base .

VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program.

VIII.8.D Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department. The presence of these resources does not constrain CURRENT construction activities/operations.

The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom	Remarks
Alamo Penstemon	Plant State	Listed Endangered
American Peregrine Falcon	Animal Federa	Listed Endangered
Aplomado Falcon	Animal Federa	Listed Endangered
Arizona Black-tailed Prarie Dog	Animal State	Candidate Threatened
Baird's Sparrow	Animal Federa	Candidate Endangered
Bald Eagle	Animal Federa	Listed Endangered
Bell's Vireo	Animal Federa	Candidate Endangered
Black-footed Ferret	Animal Federa	Listed Endangered
Button Cactus	Plant State	Listed Endangered
Catcliffy Gentian	Plant State	Listed Endangered
Common Ground Dove	Animal Federa	Proposed Threatened
Duncan's Pincushon Cactus	Plant State	Listed Endangered
Ferruginous Hawk	Animal Federa	Candidate Endangered
Grama Grass Cactus	Animal State	Listed Endangered
Gray Vireo	Animal State	Candidate Endangered
Gypsum Scalbroom	Plant State	Listed Endangered
Loggerhead Shrike	Animal Federa	Candidate Endangered
Long-billed Curlew	Animal Federa	Candidate Endangered
Meadow Jumping Mouse	Animal State	Candidate Endangered

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Northern Goshawk	Animal	Federa	Candidate	Endangered	
Olivaceous Cormorant	Animal	Federa	Proposed	Threatened	
Prarie Gentian	Plant	State	Listed	Endangered	
Sacramento Prickly Poppy	Plant	State	Listed	Endangered	
Sand Prickly Pear	Plant	State	Listed	Endangered	
Scarlet Penstemon	Plant	State	Listed	Endangered	
Scheer's Pincushion Cactus	Plant	State	Listed	Endangered	
Southwestern Willow Flycatcher	Animal	Federa	Candidate	Endangered	
Spotted Owl	Animal	Federa	Candidate	Endangered	
Swainson's Hawk	Animal	Federa	Candidate	Endangered	
Swift Fox	Animal	Federa	Candidate	Endangered	
Texas Horned Lizard	Animal	Federa	Candidate	Endangered	
Todsen's Pennyroyal	Plant	State	Listed	Endangered	
Western Snowy Plover	Animal	Federa	Candidate	Endangered	
White Sands Pupfish	Animal	Federa	Candidate	Endangered	
White Sands Woodrat	Animal	Federa	Candidate	Endangered	
White-faced Ibis	Animal	Federa	Candidate	Endangered	
White-flower Visnagita Cactus	Plant	Federa	Listed	Endangered	
Whooping Crane	Animal	Federa	Listed	Endangered	
Wright's Fishhook Cactus	Plant	State	Listed	Endangered	

VIII.9.B There are No Special Concern species identified on the base.

VIII.9.C The presence of these species constrains current or future construction activities or operations as follows:

Location of White Sand Pupfish in Malone Draw and Lost River constrains construction and training uses in the bottom and on the banks of the drainages.

10. Biological - Wetlands

VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1 Identification and type of wetland:

Approximate acreage:

Lake Holloman	166
Wastewater Lagoons	100

VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.

VIII.10.B The base has Not been surveyed for wetlands in accordance with established federally approved guidelines.

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VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources constrains current or future construction activities or operations as follows:

Several federal Acts, to include Migratory Bird Treaty Act, Migratory Bird Conservation Act, Endangered Species Act, and the Clean Water Act, constrain construction.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding constrains base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

HAR-001	FCR and lithic scatter, Late Archaic
HAR-002	Hearths, sherd, and lithic scatter, Jornada Mogollon
HAR-003	Hearths, sherd, and lithic scatter, Jornada Mogollon
HAR-004	FCR and lithic scatter, unknown aboriginal
HAR-005	Sole Missile Theo Tower, lithics, Historic Military, unknown aboriginal
HAR-006	Lithic Scatter, Late Archaic
HAR-007	Pritch Missile Theodolite Tower, Historic Military
HAR-008 (Danley Well Line Camp)	Historic Anglo
HAR-009 (Ballistic Rainfield Site)	Historic Military
HAR-010	Concrete foundations, Historic Military
HAR-011	Lithic and ground stone scatter, unknown aboriginal
HAR-012 (Owl Well Line Camp)	Historic Anglo
HAR-013	Pithouse and pit features, Jornada Mogollon
HAR-014	Historic Habitation, lithic scatter, Historic Anglo, Late Archaic
HAR-015	FCR and lithic scatter, unknown aboriginal
HAR-016	FCR and lithic scatter, unknown aboriginal
HAR-017	FCR, sherd, lithic and GS scatter, Jornada Mogollon

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HAR-018	FCR, sherd, lithic and GS scatter, Jornada Mogollon
HAR-019	Homestead, FCR, sherd, and lithics, Historic Anglo, Jornada Mogollon
HAR-020	FCR and lithic scatter, unknown aboriginal
HAR-021 (BERN Site)	Historic Military
HAR-022	Concrete foundations, Historic Military
HAR-023	Lithic scatter with FCR, unknown aboriginal
HAR-024	Sherd and lithic scatter, Jornada Mogollon
HAR-025	Lithic scatter with FCR, unknown aboriginal
HAR-026	Lithic Scatter, GS, Middle/Late Archaic
HAR-027	Lithic Scatter, GS, FCR, unknown aboriginal
HAR-028	Lithic scatter with hearths, unknown aboriginal
HAR-029	Lithic scatter, GS, hearths, Late Archaic
HAR-030	Sherd and GS concentration, Jornada Mogollon
HAR-031	Lithic scatter, FCR, Late Archaic
HAR-032	Lithic scatter, GS, FCR, unknown aboriginal
HAR-033	Lithic scatter, Late Archaic
HAR-034	Historic trash scatter, Historic Anglo
HAR-035	Lithic Scatter, Paleo-Indian-Folsom
HAR-036	Sherd and lithic scatter, Jornada Mogollon
HAR-037	Historic artifact scatter, Historic Military
HAR-038	Sherd and lithic scatter, Jornada Mogollon
HAR-039	Lithic Scatter, FCR, unknown aboriginal
HAR-040	Concrete foundations, Historic Military
HAR-041 (JB-2 Loon Launch Ramp)	Historic Military
HAR-042	Ranch, Historic Anglo
HAR-043	Sherd and lithic scatter, Jornada Mogollon
HAR-044	Sherd and lithic scatter, Jornada Mogollon
HAR-045	Artifact scatter, Jornada/Historic Anglo
HAR-046	Military feature, Historic Military
HAR-047	Ranch, Historic Anglo
HAR-048	Lithic scatter, Archaic
HAR-049	Water control feature, Historic Anglo
HAR-050	Witness tower, Historic Military

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HAR-051	Habitation, Historic Anglo
HAR-052	Well and artifact scatter, Historic Anglo
HAR-053	Artifact scatter, Historic habitation, Archaic/Historic Anglo
HAR-054	Artifact scatter, Archaic/Historic Anglo
HAR-055	Habitation, Historic Anglo
HAR-056	Sherd and lithic scatter, Jornada Mogollon
HAR-057	Windmill and artifact scatter, Historic Anglo
HAR-058	Sherd and lithic scatter, FCR, Jornada Mogollon
HAR-059	Sherd and lithic scatter, Jornada Mogollon
HAR-060	Sherd and lithic scatter, Jornada Mogollon
HAR-061	Artifact scatter, Historic Anglo
HAR-062	Lithic scatter, unknown aboriginal
HAR-063	Habitation, Historic Anglo
HAR-064	Corral, Historic Anglo
HAR-065	Artifact scatter with features, Historic Anglo
HAR-066	Sherd and lithic scatter, FCR, Jornada Mogollon
HAR-067	Sherd and lithic scatter, GS, FCR, Jornada Mogollon
HAR-068	Sherd and lithic scatter, Jornada Mogollon
HAR-070	Historic trash, Historic Anglo
HAR-071	Historic trash, Historic Anglo
HAR-072	Sherd and lithic scatter, hearths, Jornada Mogollon
HAR-073	Sherd and lithic scatter, GS, hearth, Jornada Mogollon
HAR-074	Lithic scatter, hearths, Paleo-Indian (Folsom)
HAR-075	Lithic Scatter, FCR, historic trash, Late Archaic/Historic Anglo
HAR-076	Sherd and lithic scatter, FCR, Jornada Mogollon
HAR-077	Lithic scatter, GS, FCR, unknown aboriginal
HAR-078	Sherd and lithic scatter, Jornada Mogollon
HAR-079	Sherd and lithic scatter, GS, FCR, Jornada Mogollon
HAR-080	Sherd and lithic scatter, FCR, Jornada Mogollon
HAR-081	Sherd and lithic scatter, FCR, Jornada Mogollon

VIII.12.B 1 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

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- VIII.12.C.1** Some properties have been determined to be or may be eligible for the NRHP.
- VIII.12.C.2** Buildings or structures have been surveyed for Cold War or other historical significance.
- VIII.12.D** The base has been archeologically surveyed.
- VIII.12.D.1** 18 percent of the base has been surveyed.
- VIII.12.D.2** Archeological sites have been found.
- VIII.12.D.3** Archeological collections are housed on base.
- VIII.12.D.4** No Native Americans or others use/identified sacred areas or burial sites on or near base.
- VIII.12.E** The base has an agreement with a historic preservation agency.
Agreements include Programmatic Agreements and Memorandum of Agreements.
Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.
- VIII.12.E.1** **Description:** HAFB wil develop and implement and installation historic preservation plan which will ensure the identification and management of cultural resources on base property in compliance with AFR 126-7
Signatories: HAFB Installation Commander, USAF Preservation Officer, SHPO, and Executive Director of Advisory Council for Historic Preservation
Date signed: Mar 94

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 58 IRP sites have been identified

VIII.13.A.2 5 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1999

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 20 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Asbestos Remediation	\$176.000 K	\$181.000 K	\$181.000 K	\$181.000 K	\$181.000 K
Bio-Engineering Budget	\$160.000 K	\$346.000 K	\$346.000 K	\$346.000 K	\$346.000 K
Hazardous Waste Disposal/Remediation	\$405.000 K				
IRP	\$2,952.000 K	\$2,100.000 K	\$1,500.000 K	\$2,000.000 K	\$2,000.000 K
Level 1 Corrective Actions	\$528.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Level 2 Corrective Actions	\$235.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Miscellaneous	\$45.000 K	\$39.000 K	\$39.000 K	\$39.000 K	\$39.000 K
Natural Resources	\$600.000 K	\$615.000 K	\$200.000 K	\$200.000 K	\$200.000 K
NEPA/EIAP Contracts	\$785.000 K	\$250.000 K	\$250.000 K	\$250.000 K	\$250.000 K
Oil/Water Separators	\$75.000 K	\$85.500 K	\$85.500 K	\$85.500 K	\$85.500 K
Permits	\$67.000 K	\$57.300 K	\$57.300 K	\$57.300 K	\$57.300 K
Pollution Prevention	\$230.000 K	\$390.000 K	\$100.000 K	\$100.000 K	\$100.000 K

1995 AIR FORCE BASE QUESTIONNAIRE

Holloman AFB - ACC

RCRA Actions	\$4,683.000 K	\$4,250.000 K	\$4,950.000 K	\$3,080.000 K	\$3,080.000 K
TDY/Training	\$65.000 K	\$80.000 K	\$80.000 K	\$80.000 K	\$80.000 K

15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

LOCAL: The following are constraints on base operations: small wetlands, cultural and natural resources, threatened and endangered species, land use control, and water constraints. An enhancement is that the base is in a region of attainment for air quality.

STATE: See local

FEDERAL: See local

16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:

El Paso Las Cruces Alamogordo Interstate Air Quality Control Region

VIII.16.B Air quality regulatory agency responsible for the AQCA: New Mexico Environment Department

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:

Bill Blankenship

505-827-0070

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

VIII.16.C.1 In Attainment for Ozone

VIII.16.C.2 In Attainment for Carbon Monoxide

VIII.16.C.3 In Attainment for Particulate matter (PM-10)

VIII.16.C.4 In Attainment for Sulfur Dioxide

VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx)

VIII.16.C.6 In Attainment for Lead

VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 0.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

Air Quality Survey complete, No additional data required.

UNCLASSIFIED

1995 AIR FORCE BASE QUESTIONNAIRE
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PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
HOMESTEAD	0	0%	0	0%	0
PATRICK	-8	0%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
HOMESTEAD	0	0%	0	0	0%	0
PATRICK	0	0%	0	-82,884	0%	10,360

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
HOMESTEAD	0	0%	0
PATRICK	-82,884	0%	10,360

RPMA/BOS CHANGE REPORT (COBRA v5.08)
Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
Option Package : 301st Redirect
Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	0	0	0	0	0	0	0
BOS Change	0	-83	-83	-83	-83	-83	-414	-83
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	-83	-83	-83	-83	-83	-414	-83

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
HOMESTEAD, FL	Realignment
PATRICK, FL	Realignment

Summary:

 301st remains at Patrick AFB

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
HOMESTEAD, FL	PATRICK, FL	222 mi

INPUT SCREEN THREE - MOVEMENT TABLE

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: HOMESTEAD, FL

Total Officer Employees:	0	RPMA Non-Payroll (\$K/Year):	0
Total Enlisted Employees:	0	Communications (\$K/Year):	3,565
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	5,568
Total Civilian Employees:	727	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	0.0%	Family Housing (\$K/Year):	0
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.89
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,393	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	142	Activity Code:	AF098
Enlisted VHA (\$/Month):	111		
Per Diem Rate (\$/Day):	107	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: PATRICK, FL

Total Officer Employees:	402	RPMA Non-Payroll (\$K/Year):	6,286
Total Enlisted Employees:	1,655	Communications (\$K/Year):	2,671
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	57,250
Total Civilian Employees:	1,068	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	69.0%	Family Housing (\$K/Year):	10,033
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.98
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	5,314	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	142	Activity Code:	AF071
Enlisted VHA (\$/Month):	111		
Per Diem Rate (\$/Day):	98	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: HOMESTEAD, FL	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	100%	0%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: PATRICK, FL	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	1,000	1,000	1,000	1,000
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	10%	90%	0%	0%	0%	0%
Shutdown Schedule (%):	0%	100%	0%	0%	0%	0%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: PATRICK, FL	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	0	0	0	0	0
Enl Force Struc Change:	0	0	0	0	0	0
Civ Force Struc Change:	0	0	0	0	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	0	0	0
Enl Scenario Change:	0	0	0	0	0	0
Civ Scenario Change:	0	-8	0	0	0	0
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: PATRICK, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Misc Add/Alter	OTHER	0	0	4,500

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Final Factors		RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyards Maintenance	(SF)	0	Optional Category N	()	0
RDT & E Facilities	(SF)	0	Optional Category O	()	0
POL Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			

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Hansen Food AFB, FL

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996
 Final Year : 1997
 ROI Year : Immediate

NPV in 2015(\$K) : -4,634
 1-Time Cost(\$K) : 7,435

Net Costs (\$K) Constant Dollars		1996	1997	1998	1999	2000	2001	Total
Milcon		-8,000	4,500	0	0	0	0	-3,500
Person		0	-270	-270	-270	-270	-270	-1,352
Overhd		18	153	41	41	41	41	336
Moving		0	810	0	0	0	0	810
Missio		0	0	0	0	0	0	0
Other		0	1,400	0	0	0	0	1,400
TOTAL		-7,982	6,593	-229	-229	-229	-229	-2,305
POSITIONS ELIMINATED		1996	1997	1998	1999	2000	2001	Total
Off		0	0	0	0	0	0	0
Enl		0	0	0	0	0	0	0
Civ		0	0	0	0	0	0	0
TOT		0	0	0	0	0	0	0
POSITIONS REALIGNED		1996	1997	1998	1999	2000	2001	Total
Off		0	13	0	0	0	0	13
Enl		0	110	0	0	0	0	110
Stu		0	0	0	0	0	0	0
Civ		0	0	0	0	0	0	0
TOT		0	123	0	0	0	0	123

Summary:

 Move 728 ACS to Mountain Home

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 13:22 02/20/1995, Report Created 06:38 03/01/1995

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
1996	-7,982,110	-7,874,569	-7,874,569
1997	6,593,296	6,330,380	-1,544,188
1998	-229,094	-214,071	-1,758,260
1999	-229,094	-208,342	-1,966,602
2000	-229,094	-202,766	-2,169,368
2001	-229,094	-197,339	-2,366,707
2002	-229,094	-192,057	-2,558,764
2003	-229,094	-186,917	-2,745,682
2004	-229,094	-181,915	-2,927,596
2005	-229,094	-177,046	-3,104,642
2006	-229,094	-172,307	-3,276,949
2007	-229,094	-167,696	-3,444,645
2008	-229,094	-163,207	-3,607,853
2009	-229,094	-158,839	-3,766,692
2010	-229,094	-154,588	-3,921,281
2011	-229,094	-150,451	-4,071,731
2012	-229,094	-146,424	-4,218,156
2013	-229,094	-142,505	-4,360,661
2014	-229,094	-138,691	-4,499,352
2015	-229,094	-134,979	-4,634,332

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 13:22 02/20/1995, Report Created 06:38 03/01/1995

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	-----	-----
Construction		
Military Construction	5,000,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		5,000,000
Personnel		
Civilian RIF	0	
Civilian Early Retirement	0	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	0	
Total - Personnel		0
Overhead		
Program Planning Support	31,307	
Mothball / Shutdown	0	
Total - Overhead		31,307
Moving		
Civilian Moving	0	
Civilian PPS	0	
Military Moving	654,849	
Freight	348,528	
One-Time Moving Costs	0	
Total - Moving		1,003,377
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	1,400,000	
Total - Other		1,400,000
Total One-Time Costs		7,434,684

One-Time Savings		
Military Construction Cost Avoidances	8,500,000	
Family Housing Cost Avoidances	0	
Military Moving	193,110	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		8,693,110
Total Net One-Time Costs		-1,258,426

Department : Air Force

Option Package : 726 ACS

Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR

Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

All Costs in \$K

Base Name	Total	IMA	Land	Purch	Avoid	Cost
MOUNTAIN HOME	5,000	0	0	0	0	5,000
SHAW	0	0	0	0	-8,500	-8,500
Totals:	5,000	0	0	0	-8,500	-3,500

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: MOUNTAIN HOME, ID

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
350	2,824	0	496

PERSONNEL REALIGNMENTS:

From Base: SHAW, SC

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

TOTAL PERSONNEL REALIGNMENTS (Into MOUNTAIN HOME, ID):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
363	2,934	0	496

PERSONNEL SUMMARY FOR: SHAW, SC

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
710	4,531	0	579

PERSONNEL REALIGNMENTS:

To Base: MOUNTAIN HOME, ID

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

TOTAL PERSONNEL REALIGNMENTS (Out of SHAW, SC):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	13	0	0	0	0	13
Enlisted	0	110	0	0	0	0	110
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	123	0	0	0	0	123

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
697	4,421	0	579

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 13:22 02/20/1995, Report Created 06:38 03/01/1995

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		0	0	0	0	0	0	0
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED		0	0	0	0	0	0	0
Early Retirement	10.00%	0	0	0	0	0	0	0
Regular Retirement	5.00%	0	0	0	0	0	0	0
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Priority Placement#	60.00%	0	0	0	0	0	0	0
Civilians Available to Move		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		0	0	0	0	0	0	0
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS		0	0	0	0	0	0	0
TOTAL CIVILIAN RIFS		0	0	0	0	0	0	0
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	0	0	0	0
TOTAL CIVILIAN NEW HIRES		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 1/3
 Data As Of 13:22 02/20/1995, Report Created 06:38 03/01/1995

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
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ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
-----	-----	-----	-----	-----	-----	-----	-----
CONSTRUCTION							
MILCON	500	4,500	0	0	0	0	5,000
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	0	0	0	0	0	0
Civ Retire	0	0	0	0	0	0	0
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	0	0	0	0	0	0	0
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	30	0	0	0	0	30
Freight	0	41	0	0	0	0	41
Vehicles	0	235	0	0	0	0	235
Driving	0	41	0	0	0	0	41
Unemployment	0	0	0	0	0	0	0
OTHER							
Program Plan	18	13	0	0	0	0	31
Shutdown	0	0	0	0	0	0	0
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	56	0	0	0	0	56
POV Miles	0	53	0	0	0	0	53
HHG	0	460	0	0	0	0	460
Misc	0	86	0	0	0	0	86
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	1,400	0	0	0	0	1,400
TOTAL ONE-TIME	518	6,917	0	0	0	0	7,435

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	14	14	14	14	56	14
BOS	0	140	140	140	140	140	700	140
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	453	453	453	453	453	2,263	453
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	593	607	607	607	607	3,019	607
TOTAL COST	518	7,509	607	607	607	607	10,454	607
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	8,500	0	0	0	0	0	8,500	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	193	0	0	0	0	193	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	8,500	193	0	0	0	0	8,693	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	113	113	113	113	450	113
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	723	723	723	723	723	3,616	723
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	723	836	836	836	836	4,066	836
TOTAL SAVINGS	8,500	916	836	836	836	836	12,759	836

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
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ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	-8,000	4,500	0	0	0	0	-3,500	
Fam Housing	0	0	0	0	0	0	0	
O&M								
Civ Retir/RIF	0	0	0	0	0	0	0	
Civ Moving	0	348	0	0	0	0	348	
Other	18	13	0	0	0	0	31	
MIL PERSONNEL								
Mil Moving	0	462	0	0	0	0	462	
OTHER								
HAP / RSE	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	0	1,400	0	0	0	0	1,400	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	-7,982	6,724	0	0	0	0	-1,258	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	14	14	14	14	56	14
BOS	0	140	27	27	27	27	249	27
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	0	0	0	0	0
House Allow	0	-270	-270	-270	-270	-270	-1,352	-270
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	-130	-229	-229	-229	-229	-1,047	-229
TOTAL NET COST	-7,982	6,593	-229	-229	-229	-229	-2,305	-229

PERSONNEL, SF, RPMA, AND BOS DELTAS (COBRA v5.08)
 Data As Of 13:22 02/20/1995, Report Created 06:38 03/01/1995

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
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Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
MOUNTAIN HOME	123	3%	26,000	1%	211
SHAW	-123	-2%	0	0%	0

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
MOUNTAIN HOME	13,926	1%	113	140,022	2%	1,138
SHAW	0	0%	0	-112,631	-1%	916

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
MOUNTAIN HOME	153,949	1%	1,252
SHAW	-112,631	-1%	916

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	0	14	14	14	14	56	14
BOS Change	0	140	27	27	27	27	249	27
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	140	41	41	41	41	305	41

INPUT DATA REPORT (COBRA v5.08)
 Data As Of 13:22 02/20/1995, Report Created 06:38 03/01/1995

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
MOUNTAIN HOME, ID	Realignment
SHAW, SC	Realignment

Summary:

 Move 728 ACS to Mountain Home

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
MOUNTAIN HOME, ID	SHAW, SC	2,402 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from SHAW, SC to MOUNTAIN HOME, ID

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	0	13	0	0	0	0
Enlisted Positions:	0	110	0	0	0	0
Civilian Positions:	0	0	0	0	0	0
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	50	0	0	0	0
Suppt Eqpt (tons):	0	25	0	0	0	0
Military Light Vehicles:	0	40	0	0	0	0
Heavy/Special Vehicles:	0	70	0	0	0	0

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: MOUNTAIN HOME, ID

Total Officer Employees:	350	RPMA Non-Payroll (\$K/Year):	2,598
Total Enlisted Employees:	2,824	Communications (\$K/Year):	1,004
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	6,792
Total Civilian Employees:	496	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	67.0%	Family Housing (\$K/Year):	7,262
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.15
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	4,510	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	AF064
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: MOUNTAIN HOME, ID

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
726 ACS FACILITY	OTHER	26,000	0	5,000

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	0.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc: Final Factors		RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00% 1997: 2.90% 1998: 3.00%		1999: 3.00% 2000: 3.00% 2001: 3.00%	

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force
 Option Package : 726 ACS
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\726-ACS.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
-----	--	----	-----	--	----
Horizontal	(SY)	0	other	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyard Maintenance	(SF)	0	Optional Category N	()	0
RDT & E Facilities	(SF)	0	Optional Category O	()	0
POL Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			

Document Separator

1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

Inventory.		VOCs		NOx		VOCs		NOx	
Mobile Source Including Aircraft	G.1.a	302	G.1.d	527	G.2.a	257	G.2.d	448	
Military Aircraft Associated with the Base	G.1.b	214	G.1.e	277	G.2.b	182	G.2.e	236	
Stationary Source	G.1.c	135	G.1.f	54	G.2.c	115	G.2.f	46	

Amount of reduced annual emissions of VOCs and NOx resulting from permanent reductions in base activity levels, process changes, or any other measures implemented at the base since 1 Jan 1990

		VOCs		NOx	
Mobile Source Including Aircraft	G.3.a	74	G.3.c	124	
Stationary Source	G.3.b	31	G.3.d	11	

Amount of increased annual emissions of VOCs and NOx resulting from increased activity levels, facility expansion, process changes, or other means implemented at the base since 1 Jan 1990

Mobile Source Including Aircraft	G.4.a	0	G.4.c	0
Stationary Source	G.4.b	0	G.4.d	0

Computed allowable growth		VOCs		NOx	
Mobile Source Including Aircraft	G.5.a	9.60%	G.5.c	8.54%	
Stationary Source	G.5.b	8.15%	G.5.d	5.56%	
TOTAL	G.5.e	9.15%	G.5.f	8.26%	

1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

Section IX

ARC Installations and Bases with ARC Units

- IX.1** All regularly used ground training facilities are on base.
- IX.2** Flying units supporting Aeromed/Arial ports accomplish training locally.
- IX.3** Available dormitory space will house 90.0 percent of the population requiring billets
- IX.3.A** 23.0 percent of the reservists/guardsmen require billeting during drill weekends.
- IX.3.B** 3.0 percent drill billeting requirements are met with commercial billeting establishments.
- IX.4** Adequate dining facilities are available.
- IX.5** A physical fitness center is available.
The fitness center is inadequate for the following reasons:
Interim fitness center w/MCP program
- IX.6** A consolidated club is available.
The consolidated club is adequate, remarks follow:
- IX.7** Ninety percent of the unit's population
Is within 35 min travel time from the base.
Lives within 20 miles of the base.
- IX.8** 26.2 Percent of the recruiting areas's population is in the recruitable range.
- IX.9** 4,187,090 is the total population of the recruiting area.
- IX.10** 17.5 percent of the recruitable population has completed high school.
- IX.11** Authorization data over the last 5 years is not available.
- IX.12** There are a total of 5 other reserve components in the local recruiting area:
USA, USN, USMC, USCG, RANG
- IX.13** The current total reserve component population is 2.00 percent of the recruitable age range.
- IX.14** Average AFRES/ANG personnel retention rate is not available.

UNCLASSIFIED

1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

Retention rate uses data from the last 2 fiscal years. One time events which may have caused abnormalities include unit moves and/or weapons system conversions.

- IX.15 Unit reservist/guardsman participated in 31.6 (ave) title 10 and/or title 32 active duty days beyond Annual Tours and Drill periods for FY92-3, and FY94 (est)
- IX.16 No other government aviation units are colocated on the airfield.

Homebased AFB, FL

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctfs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Starting Year : 1996
 Final Year : 1997
 ROI Year : 2001 (4 Years)

NPV in 2015(\$K): -15,433
 1-Time Cost(\$K): 4,637

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	450	4,050	0	0	0	0	4,500	0
Person	0	-161	-373	-373	-373	-373	-1,653	-373
Overhd	15	-72	-83	-83	-83	-83	-389	-83
Moving	0	86	0	0	0	0	86	0
Missio	0	0	-1,000	-1,000	-1,000	-1,000	-4,000	-1,000
Other	0	0	0	0	0	0	0	0
TOTAL	465	3,903	-1,456	-1,456	-1,456	-1,456	-1,456	-1,456

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Civ	0	8	0	0	0	0	8
TOT	0	8	0	0	0	0	8

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	0	0	0	0	0	0	0
Enl	0	0	0	0	0	0	0
Stu	0	0	0	0	0	0	0
Civ	0	0	0	0	0	0	0
TOT	0	0	0	0	0	0	0

Summary:

 301st remains at Patrick AFB

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Costs (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	450	4,050	0	0	0	0	4,500	0
Person	0	25	0	0	0	0	25	0
Overhd	15	11	0	0	0	0	26	0
Moving	0	86	0	0	0	0	86	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	465	4,173	0	0	0	0	4,637	0

Savings (\$K) Constant Dollars

	1996	1997	1998	1999	2000	2001	Total	Beyond
MilCon	0	0	0	0	0	0	0	0
Person	0	186	373	373	373	373	1,679	373
Overhd	0	83	83	83	83	83	414	83
Moving	0	0	0	0	0	0	0	0
Missio	0	0	1,000	1,000	1,000	1,000	4,000	1,000
Other	0	0	0	0	0	0	0	0
TOTAL	0	269	1,456	1,456	1,456	1,456	6,093	1,456

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	464,656	458,396	458,396
1997	3,903,460	3,747,805	4,206,201
1998	-1,456,020	-1,360,544	2,845,657
1999	-1,456,020	-1,324,130	1,521,526
2000	-1,456,020	-1,288,691	232,835
2001	-1,456,020	-1,254,201	-1,021,366
2002	-1,456,020	-1,220,634	-2,242,000
2003	-1,456,020	-1,187,965	-3,429,964
2004	-1,456,020	-1,156,170	-4,586,134
2005	-1,456,020	-1,125,226	-5,711,360
2006	-1,456,020	-1,095,111	-6,806,471
2007	-1,456,020	-1,065,801	-7,872,272
2008	-1,456,020	-1,037,276	-8,909,548
2009	-1,456,020	-1,009,514	-9,919,063
2010	-1,456,020	-982,496	-10,901,558
2011	-1,456,020	-956,200	-11,857,759
2012	-1,456,020	-930,608	-12,788,367
2013	-1,456,020	-905,702	-13,694,069
2014	-1,456,020	-881,461	-14,575,530
2015	-1,456,020	-857,870	-15,433,400

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	-----	-----
Construction		
Military Construction	4,500,000	
Family Housing Construction	0	
Information Management Account	0	
Land Purchases	0	
Total - Construction		4,500,000
Personnel		
Civilian RIF	18,190	
Civilian Early Retirement	4,198	
Civilian New Hires	0	
Eliminated Military PCS	0	
Unemployment	3,132	
Total - Personnel		25,520
Overhead		
Program Planning Support	25,648	
Mothball / Shutdown	0	
Total - Overhead		25,648
Moving		
Civilian Moving	0	
Civilian PPS	86,400	
Military Moving	0	
Freight	0	
One-Time Moving Costs	0	
Total - Moving		86,400
Other		
HAP / RSE	0	
Environmental Mitigation Costs	0	
One-Time Unique Costs	0	
Total - Other		0

Total One-Time Costs		4,637,568

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	0	
Military Moving	0	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	

Total One-Time Savings		0

Total Net One-Time Costs		4,637,568

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
Option Package : 301st Redirect
Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
HOMESTEAD	0	0	0	0	0
PATRICK	4,500	0	0	0	4,500
Totals:	4,500	0	0	0	4,500

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

PERSONNEL SUMMARY FOR: HOMESTEAD, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
0	0	0	727

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
0	0	0	727

PERSONNEL SUMMARY FOR: PATRICK, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
402	1,655	0	1,068

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
	-----	-----	-----	-----	-----	-----	-----
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Civilians	0	-8	0	0	0	0	-8
TOTAL	0	-8	0	0	0	0	-8

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
-----	-----	-----	-----
402	1,655	0	1,060

TOTAL PERSONNEL IMPACT REPORT (COBRA v5.08)
 Data As Of 13:21 02/20/1995, Report Created 06:31 03/01/1995

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT								
Early Retirement*	10.00%	0	0	0	0	0	0	0
Regular Retirement*	5.00%	0	0	0	0	0	0	0
Civilian Turnover*	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Civilians Moving (the remainder)		0	0	0	0	0	0	0
Civilian Positions Available		0	0	0	0	0	0	0
CIVILIAN POSITIONS ELIMINATED								
Early Retirement	10.00%	0	8	0	0	0	0	8
Regular Retirement	5.00%	0	1	0	0	0	0	1
Civilian Turnover	15.00%	0	0	0	0	0	0	0
Civs Not Moving (RIFs)*+		0	0	0	0	0	0	0
Priority Placement#	60.00%	0	1	0	0	0	0	1
Civilians Available to Move		0	5	0	0	0	0	5
Civilians Moving		0	1	0	0	0	0	1
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN								
Civilians Moving		0	0	0	0	0	0	0
New Civilians Hired		0	0	0	0	0	0	0
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIRMENTS								
		0	1	0	0	0	0	1
TOTAL CIVILIAN RIFS								
		0	1	0	0	0	0	1
TOTAL CIVILIAN PRIORITY PLACEMENTS#								
		0	5	0	0	0	0	5
TOTAL CIVILIAN NEW HIRES								
		0	0	0	0	0	0	0

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

ONE-TIME COSTS -----(\$K)-----	1996 -----	1997 -----	1998 -----	1999 -----	2000 -----	2001 -----	Total -----
CONSTRUCTION							
MILCON	450	4,050	0	0	0	0	4,500
Fam Housing	0	0	0	0	0	0	0
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	0	18	0	0	0	0	18
Civ Retire	0	4	0	0	0	0	4
CIV MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
Home Purch	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
House Hunt	0	0	0	0	0	0	0
PPS	0	86	0	0	0	0	86
RITA	0	0	0	0	0	0	0
FREIGHT							
Packing	0	0	0	0	0	0	0
Freight	0	0	0	0	0	0	0
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	0	3	0	0	0	0	3
OTHER							
Program Plan	15	11	0	0	0	0	26
Shutdown	0	0	0	0	0	0	0
New Hire	0	0	0	0	0	0	0
1-Time Move	0	0	0	0	0	0	0
MIL PERSONNEL							
MIL MOVING							
Per Diem	0	0	0	0	0	0	0
POV Miles	0	0	0	0	0	0	0
HHG	0	0	0	0	0	0	0
Misc	0	0	0	0	0	0	0
OTHER							
Elim PCS	0	0	0	0	0	0	0
OTHER							
HAP / RSE	0	0	0	0	0	0	0
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0
TOTAL ONE-TIME	465	4,173	0	0	0	0	4,637

Department : Air Force
 Option Package : 301st Redirect
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\301ST.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\FINAL.SFF

RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	0	0	0	0	0	0	0
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	0	0	0	0	0	0	0
 TOTAL COST	 465	 4,173	 0	 0	 0	 0	 4,637	 0
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	0	0	0	0	0	0	0	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	0	0	0	0	0	0	0	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	-----	-----	-----	-----	-----	-----	-----	-----
FAM HOUSE OPS	0	0	0	0	0	0	0	0
O&M								
RPMA	0	0	0	0	0	0	0	0
BOS	0	83	83	83	83	83	414	83
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	186	373	373	373	373	1,679	373
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	0	0	0	0	0	0	0	0
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	1,000	1,000	1,000	1,000	4,000	1,000
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	0	269	1,456	1,456	1,456	1,456	6,093	1,456
 TOTAL SAVINGS	 0	 269	 1,456	 1,456	 1,456	 1,456	 6,093	 1,456

1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

Section IV/V Level Playingfield COBRA Data

One time closure costs: 8\$sM

Twenty year Net Present Value (194)\$sM

Steady state savings 12\$sM per year

Manpower savings associated with closure 247

Return on Investment (years): 0

1995 AIR FORCE BASE QUESTIONNAIRE
Homestead ARB - AFRES

Section VI Economic Impact**Economic Area Statistics:**

Miami, FL PMSA

Total population: 2,008,000 (FY 92)

Total employment: 1,064,241 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

7.7% / 8.8% / 7.3%

Average annual job growth: 15,603

Average annual per capita income: \$17,124

Average annual increase in per capita income: \$3.4%

Projected economic impact:

Direct Job Loss:	635	
Indirect Job Loss:	<u>399</u>	
Closure Impact:	1,034	(0.1% of employment total)
Other BRAC Losses:	<u>(341)</u>	
Cumulative Impact:	693	(0.1% of employment total)

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1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

Section VII

19-Feb-95

UNCLASSIFIED

VII.31

1995 AIR FORCE BASE QUESTIONNAIRE
Homestead ARB - AFRES

Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: SO.EAST FL. INTERSTATE AIR QUAL. CONTROL REGION

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Moderate
-------	----------

VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a The state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is **Local Community** and the source is:

1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

WELLS

VIII.2.B There are constraints to the base water supply. Type constraints include:

Quantity constraints

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. SUSPECTED, RI IN PROGRESS

VIII.3.A.2 The contaminated groundwater is a potable water source

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 10 water wells exist at the base.

VIII.3.D 6 wells have been abandoned for the following reasons:

WELLFIELD ABANDONED WHEN 1 OF 6 WELLS WAS AFFECTED BY SALT WATER INTRUSION (SAIC,1986) AND WAS DISMANTLED.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
CONTIGUOUS PONDS	2.10 Acres
MYSTIC LAKE	9.80 Acres
NORTH/SOUTH FLIGHTLINE LAKES	15.70 Acres
PHANTOM LAKE	14.50 Acres
RESERVOIR	6.50 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

The base is involved in cooperative agreements regarding surface water quality

Agreements concern restoration and protection of water quality and associated living resources (e.g., Chesapeake Bay Program)?

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VIII.4.B Special permits are required as follows:

NPDES construction permit for greater than 5 acres disturbed

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A There are No National Pollutant Elimination System permits in effect.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:
to Metro Dade Sewer and Water Authority

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 100.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 66 facilities are considered regulated areas or have restricted use due to friable asbestos.

1995 AIR FORCE BASE QUESTIONNAIRE
Homestead ARB - AFRES

8. Biological - Habitat

- VIII.8.A There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B No critical/sensitive habitats have been identified on base .
- VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program. Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom	Listed	Remarks
American Alligator	Animal/State	Listed	Threatened
Little Blue Heron	Animal/State	Listed	Threatened
Snowy Egret	Animal/State	Listed	Threatened
Tri-colored Heron	Animal/State	Listed	Threatened

VIII.9.B Special Concern species identified on the base:

Species	Kingdom	Remarks
American Alligator	Animal/State	Special Concern
Little Blue Heron	Animal/State	Special Concern
Snowy Egret	Animal/State	Special Concern
Tri-colored Heron	Animal/State	Special Concern

VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

- VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1 Identification and type of wetland: Approximate acreage:
 [MARSH] 27
- VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.

1995 AIR FORCE BASE QUESTIONNAIRE

Homestead ARB - AFRES

- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Jan 93
- VIII.10.B.2** 100 percent of the base was included in the survey.
- VIII.10.B.3** Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):
COE
- VIII.10.C** Part of the base is located in a 100-year floodplain.
- VIII.10.D** The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

- VIII.11.A** Floodplains are present on the base.
- VIII.11.A.1** Floodplains constrain construction (siting) activities or operations.
- VIII.11.A.2** Periodic flooding does Not constrain base operations.

12. Cultural

- VIII.12.A** No historic,prehistoric, archaeological sites or other cultural resources are located on the base.
- VIII.12.B** 1 percent of the buildings on base are over 50 years old.
- VIII.12.C** No Historic Landmark/Districts, or NRHP properties are located on base.
- VIII.12.C.1** No properties have been determined to be or may be eligible for the NRHP.
- VIII.12.C.2** Buildings and structures have not been surveyed for Cold War or other historical significance.
- VIII.12.D** The base has been archeologically surveyed.
- VIII.12.D.1** 100 percent of the base has been surveyed.
- VIII.12.D.2** No archeological sites have been found.
- VIII.12.D.3** No archeological collections are housed on base.
- VIII.12.D.4** No Native Americans or others use/identified sacred areas or burial sites on or near base.
- VIII.12.E** The base has no agreements with historic preservation agencies.

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Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

- VIII.13.A A preliminary assessment of the installation has been performed.
- VIII.13.A.1 16 IRP sites have been identified
- VIII.13.A.2 No IRP sites extend off base.
- VIII.13.A.3 All on-site remediation is estimated to be in place in 1996
- VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.
- VIII.13.C Federal Facility Agreements to clean up the base are in place.
Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.
- VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.
Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.
- VIII.13.E There are sites or SWMU's currently being investigated and remediated pursuant to RCRA corrective action.
SWMU - Solid Waste Management Units
RCRA - Resource Conservation and Recovery Act
- VIII.13.E.1 20 sites are being investigated and remediated.
- VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation		\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
IRP					
Natural Resources					
Other(s) Specify: SALTWATER INTRUSION	\$10.000 K	\$10.000 K	\$10.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: STORMWATER SAMPLING	\$20.000 K	\$20.000 K	\$20.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: WASTE WATER SAMPLING	\$20.000 K	\$20.000 K	\$20.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: WELL SAMPLING	\$60.000 K	\$60.000 K	\$60.000 K	\$0.000 K	\$0.000 K
Permits	\$25.000 K	\$25.000 K	\$25.000 K	\$0.000 K	\$0.000 K

15. Other Issues

- VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

- VIII.16.A** Air Quality Control Area (AQCA) geographic region in which the base is located:
S.E.FLORIDA INTERSTATE AIR QUALITY CONTROL REGION
- VIII.16.B** Air quality regulatory agency responsible for the AQCA: FL.DEPT ENV. PROTECTION/DADE CTY DEPT ENV. RESOURCE MGT.
- VIII.16.B** Name and phone number of the AQCA program manager for issues pertaining to the base:
MR. TOM TITTLE, 407-433-2650
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:
- | | |
|---|--|
| VIII.16.C.1 In Non-Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7** The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT
- VIII.16.D.1** Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm
- VIII.16.D.2** Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm
- VIII.16.D.3** Ozone Design value is 0.0% of NAAQS
- VIII.16.D.4** Carbon monoxide Design value is 100.0% of NAAQS
- VIII.16.E.1** The EPA-designated severity of nonattainment for OZONE is Moderate
- VIII.16.E.2** S.E.FLORIDA INTERSTATE AIR QUALITY CONTROL REGION
- VIII.16.E.3**
- VIII.16.E.4** The base is Not in a rural transport area
- VIII.16.E.5** The EPA has proposed that the AQCA severity of nonattainment for OZONE be redesignated
- VIII.16.E.5.** The EPA has proposed a designation of ATTAINMENT in the Federal Register
- VIII.16.G.** Specific ozone precursor (Volatile organic compounds(VOCs) and nitrogen oxides (NOx)) emissions for the base:
based on the AQCA 1990 baseline AND in the required attainment year

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Aprons	B-1B	SY	250,000	4" Concrete Overlay
Aprons	B-52	SY	250,000	6" Concrete Overlay

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 131,846 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	125FIG	800 ft	650 ft	Neither
ALERT	800 ft	650 ft	Transient Aircraft	
APRON	975 ft	948 ft	Transient Aircraft	
PARKING	903 ft	705 ft	Primary Aircraft	
U.S.CUSTOMS	200 ft	150 ft	Neither	

II.2.G.2 Permanently assigned aircraft currently require 14,400 Sq Yds of parking space.

II.2.G.3 117,446 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

The 14,400SY is for the 482 FW F-16's only. The 301st RQS with 5 HC-130's and 8 HH-60 (PAA) will return to HST by 96/3. The 125 FG Det 1 (ANG) with 5 F-16's will also be on station by 96/3. All will require additional parking.

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J There are No critical features relative to the airfield pavement system that limit its capacity:

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	1.4 MG/D	MG/D - million gallons per day	1 %
II.3.A.2 Sewage:	4.0 MG/D		61 %
II.3.A.3 Electrical distribution:	14.0 MW	MW - million watts	10 %
II.3.A.4 Natural Gas:		MCF/D - million cubic feet per day	
II.3.A.5 High temperature water/steam generation/distribution:		MBTUH - million British thermal units per hour	0 %

II.3.B Characteristics regarding the utility system that should be considered:

NO

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 193 Hanger

Current Use: F-16 MAINTENANCE

II.4.A.2 Size (SF): 13,072 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F14

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	24 ft	69 ft	
II.4.A.6 Largest unobstructed space inside the facility:	78 ft	27 ft	69 ft

II.4.A.1 Facility number: 194 Hanger

Current Use: F-16 MAINTENANCE

II.4.A.2 Size (SF): 33,557 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F14

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	28 ft	152 ft	
II.4.A.6 Largest unobstructed space inside the facility:	68 ft	32 ft	152 ft

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II.4.A.1 Facility number: 200 Hanger
Current Use: F-16 MAINTENANCE

II.4.A.2 Size (SF): 29,863 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F117

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	198 ft	84 ft	
II.4.A.6	Largest unobstructed space inside the facility:	84 ft	27 ft	198 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1	05 CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	67.0	0.0	33.0
	23 CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	53.0	0.0	47.0
II.6.A.2	05 APZ 1	251	344	3.0	Gen Compat	3.0	0.0	0.0	0.0	0.0	97.0
	23 APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.3	05 APZ 2	0	482	29.0	Sig Incompat	0.0	0.0	0.0	29.0	0.0	71.0
	23 APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	2.0	98.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	837	1,606	2	Gen Compat	2.0	0.0	0.0	10.0	1.0	87.0
II.6.A.5	70-75	140	893	1	Gen Compat	1.0	0.0	0.0	29.0	0.0	70.0
II.6.A.6	75-80	8	448	0	Gen Compat	0.0	0.0	0.0	60.0	0.0	40.0
II.6.A.7	80+	0	615	0	Gen Compat	0.0	0.0	0.0	95.0	0.0	5.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.1	05 CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	67.0	0.0	33.0

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II.6.B.1	05	CZ	0	138	0	Gen Compat	0.0	0.0	0.0	07.0	0.0	33.0
	23	CZ	0	138	0	Gen Compat	0.0	0.0	0.0	53.0	0.0	47.0
II.6.B.2	05	APZ 1	251	344	3	Gen Compat	3.0	0.0	0.0	0.0	0.0	97.0
	23	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.3	05	APZ 2	0	482	29	Sig Incompat	0.0	0.0	0.0	29.0	0.0	71.0
	23	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	0.0	2.0	98.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.4	65-70	837	1,606	2	Gen Compat	2.0	0.0	0.0	10.0	1.0	87.0
II.6.B.5	70-75	140	893	1	Gen Compat	1.0	0.0	0.0	29.0	0.0	70.0
II.6.B.6	75-80	8	448	0	Gen Compat	0.0	0.0	0.0	60.0	0.0	40.0
II.6.B.7	80+	0	615	0	Gen Compat	0.0	0.0	0.0	95.0	0.0	5.0

II.6.C The most recent, publicly released AICUZ study is dated Mar 88

II.6.D Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft

Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map does Not reflect current flight tracks.

Explanation of areas where the current AICUZ study does not reflect the current situation:

UPDATE EXPECTED FY95/1

II.6.E The study has not been updated

The study is no longer valid. Milestones for updating the study:

II.6.E.1 UPDATE EXPECTED FY 95/1

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF HOMESTEAD	ZONING	
DADE COUNTY	ZONING	

II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name: Types of controls in place Types of encroachment limited:

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	CITY OF HOMESTEAD	ZONING	
	DADE COUNTY	ZONING	
II.6.F.3	AICUZ recommended development limits for Accident Potential Zone 2.		
	Government name:	Types of controls in place	Types of encroachment limited:
	CITY OF HOMESTEAD	ZONING	
	DADE COUNTY	ZONING	
II.6.F.4	AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.		
	Government name:	Types of controls in place	Types of encroachment limited:
	CITY OF HOMESTEAD	ZONING	
	DADE COUNTY	ZONING	
II.6.F.5	AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.		
	Government name:	Types of controls in place	Types of encroachment limited:
	CITY OF HOMESTEAD	ZONING	
	DADE COUNTY	ZONING	
II.6.F.6	AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.		
	Government name:	Types of controls in place	Types of encroachment limited:
	CITY OF HOMESTEAD	ZONING	

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DADE COUNTY	ZONING	
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II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
CITY OF HOMESTEAD	ZONING	
DADE COUNTY	ZONING	

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
CITY OF HOMESTEAD	9152	13674	29668	24000	28000
CITY OF FLORIDA CITY	4114	5133	6000	6000	8000

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
SOUTH DADE COUNTY	0	5000	100000	150000	180000
METRO-DADE COUNTY	0	0	1040000	1937034	2000000

II.6.I Clear zone acquisition has Not been completed.

Runway approach	Extent of acquisition	Expected acquisition date	Expected acquisition cost
05	14 acres	TBD	Unknown

II.6.J Existing on base facilities not sited in accordance with AICUZ recommendations:

Planned on base facilities not sited in accordance with AICUZ recommendations:

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Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 0.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 QUIET HOURS 2300L UNTIL 0700L, FLYING DURING THESE HOURS REQUIRES PRIOR APPROVAL OF WING
COMMANDER, 2 HUSH HOUSES FOR AIRCRAFT ENGINE RUN UPS, ARRIVAL/DEPARTURE TRACKS DO NOT IMPACT
MAJOR RES DEVEL IN AREA

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 2 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: 2-25K, 4-10K FORKLIFTS, 9TON HILIFT, STAIR TRUCK, 2-TRAC/TRAIL

III.1.A.2 2 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:			Remarks:
	Can land	Can taxi	Can park	
747	Can land	Can taxi	Can park	Can refuel
C-5	Can land	Can taxi	Can park	Can refuel
KC-10	Can land	Can taxi	Can park	Can refuel

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is serviced by a pipeline.

III.1.D.1 The pipeline is Not the primary fuel source for the bulk storage facility.

Tank trucks are primary source of supply at this time. Pipeline will be primary. Receipt mode in Dec 94 - Feb 95 time frame.f

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- III.1.D.3** FLAS not developed for Homestead. Anticipate excess capacity above that needed for units to be PWRMR.
Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.
- III.1.D.4** Other receipt modes available: TANK TRUCK, 3 TRUCKS CAN BE OFF LOADED SIMULTANEOUSLY, 5 HEADERS ARE AVAILABLE
Number of offload headers: 5
3 tank trucks can be simultaneously offloaded
Tank cars can Not be offloaded.
- III.1.D.5** 2 refueling unit fillstands are available.
- III.1.D.5.a** 2 refuelers can be filled simultaneously.
- III.1.D.6** Current dispensing capabilities as defined in AFR 144-1 sustained: 6685
 maximum: 15428
- III.1.D.7** The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).
- III.1.D.7.a** Supporting DFSP: PORT OF EVERGLADES, FT LAUDERDALE
- III.1.E** Cat 1.1 and 1.2 munitions storage requirements and capacity.
- | | Cat 1.1 | Cat 1.2 |
|---|---------|---------|
| III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity: | 18949 | 0 |
| Square footage available (including physical capacity limit): | 0 | 0 |
| III.1.E.2 Normal installation mission storage requirement: | 0 | 0 |
- III.1.F** The base has a dedicated hot cargo pad.
- III.1.F.1** Hot cargo pad access limitations:
70
- III.1.F.2** The size of the hot cargo pad is 22,500 sq feet.
- III.1.F.3** The sited explosive capacity of the hot cargo pad is 30,000
- III.1.F.4** The hot pad access is turn around.
- III.1.F.5** The taxiway servicing the hot pad is 150 ft wide and has a pavement classification number (PCN) of 0.
- III.1.F.6** Aircraft using pad over the last 5 years:

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C130/C141/C5

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is over 150 NM from a ground force installation.

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Homestead - Naranja

	3 NM
--	------

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L The base medical facility performs No unique missions.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

Facilities projects include military consruction program (MCP) or Operations and Maintenance (O&M) alterations.

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- III.1.N** Base facilities have No excess storage capacity.
- III.1.N.1** Base facilities have a total covered storage capacity of 11,931 sq ft.
- III.1.N.2** Breakout of the total covered storage capacity:
- | | |
|--|---------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 0 sq ft |
| Mobility storage: | 0 sq ft |
| War Readiness Support Kits (WRSK) storage: | 0 sq ft |
- III.1.N.3** Base supply facilities that have a planned and funded MCP project:
- | Facility: | Funding: |
|-------------|----------|
| BASE SUPPLY | 3250 |
- III.1.O** 115 light military vehicles are on base.
- III.1.P** 80 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Burrs	Uncontrolled
Calusa	Uncontrolled
Dade Collier	Uncontrolled
Ft/Lauderdale/Hollywood Exec	Commercial
Homestead General Aviation	General Aviation
Kendall/Tamiami Exec	General Aviation
Little Deer	Uncontrolled
Lost Horn	Uncontrolled
Macivor	Uncontrolled
Miami Int	Commercial
North Perry	Uncontrolled
Oasis Ranger Station	Uncontrolled
Ocean Reef Club	Uncontrolled
Opa Locka	Civilian
Pompano Beach	General Aviation
Richards	Uncontrolled
Romor	Uncontrolled
Tavernaero	Uncontrolled

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1 **Expansion of training airspace is Not possible.**
- I.2.F.2 **Current access will remain the same.**
- I.2.F.3 **No reductions in training airspace are expected.**
- I.2.F.4 **Current special use airspace and training areas meet all training requirements.**
- I.2.F.4.a **Deployed, off-station training is not required to meet training requirements.**

G. Composite / Integrated Force Training

- I.2.G.1 **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 AVON PARK AFS
 140 NM from the base.
- I.2.G.2 **DELETED**
- I.2.G.3 **Nearest Naval unit where joint training can be accomplished:**
 NAS KEYWEST,FL
 90 mi from the base.
- I.2.G.4 **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 TYNDALL AFB FL
 390 mi from the base.
- I.2.G.5 **DELETED**

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.8	99.6	98.5	96.4	95.7

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.2 percent of the time

I.2.J.2.b Is at or below 25 knots 100.0 percent of the time

I.2.J.3 0 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	HOMESTEAD ARB	MAIN BASE	900	810	
	TOTALS:		900	810	

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	6,510	0.0	100.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	16,460	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	12,600	14,000	100.0		0.0	1,400
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	63,206	89.0	11.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	0		0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	96,029	70.0	29.0	1.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	17,000	10,714	96.0	0.0	4.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	2,600	0		0.0	0.0	0
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	6,000	8,354	100.0	0.0	0.0	2,354

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II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	0	0		0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	43,469	43,469	0.0	100.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	13,072	13,072	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A		0.0	100.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	8,116	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	38,305	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	26,000	27,023	100.0	0.0	0.0	1,023
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	0		0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	10,860	10,860	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	5,765	11,370	100.0	0.0	0.0	5,605
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	22,411	100.0	0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	11,000	21,971	0.0	100.0	0.0	10,971
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	3,600	6,000	100.0	0.0	0.0	2,400
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	4,400	0		0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	0		0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	17,288	40.0	0.0	60.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	10,000	68,953	75.0	25.0	0.0	58,953
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	50,792	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	1,600	5,603	100.0	0.0	0.0	4,003

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Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.t.iii	Igloo Magazine	SF	2,400	39,247	100.0	0.0
II.1.B.1.t.iv	Spare Inert Storage (Alternate Mission Equipment)	SF	1,000	5,399	100.0	0.0
II.1.B.1.t.v	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0
II.1.B.1.u	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0
II.1.B.1.v	Storage-Covered-Installation & Organ	SF	N/A	11,932	100.0	0.0
II.1.B.1.v.i	Hydrazine Storage	SF	0	0		0.0
II.1.B.1.v.ii	LOX Storage	GA	1,000	2,000	0.0	100.0
II.1.B.1.v.iii	Base Warehousing Supplies and Equipment	SF	56,000	2,121	100.0	0.0
II.1.B.1.v.iv	Base Warehousing Supplies and Equipment (W)	SF	0	0		0.0
II.1.B.1.v.v	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0
II.1.B.1.w	Medical Center and/or Hospital	SF	N/A	0		0.0
II.1.B.1.x	Medical Laboratories	SF	N/A	0		0.0
II.1.B.1.y	Dental Clinics	SF	N/A	0		0.0
II.1.B.1.z	Dispensaries and/or Clinics	SF	N/A	0		0.0
II.1.B.1.aa	Administrative Buildings	SF	N/A	54,560	90.0	4.0
II.1.B.1.aa.i	Munitions Maintenance Administration	SF	0	0		0.0
II.1.B.1.aa.ii	Munitions Line Delivery/Storage Section	SF	0	0		0.0
II.1.B.1.bb	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	442	0.0	100.0
II.1.B.1.bb.i	Unaccompanied Enlisted Dorm	PN	N/A	442	0.0	100.0
II.1.B.1.cc	Dining Hall	SF	N/A	0		0.0
II.1.B.1.cc.i	Airman Dining Hall	SF	0	0		0.0
II.1.B.1.dd	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	0		0.0
II.1.B.1.ee	Personnel Support and Services Facilities	SF	N/A	33,439	11.0	89.0
II.1.B.1.ff	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	36,358	12.0	73.0
II.1.B.1.gg	Acft Support Equipment Storage	SY	0	0		0.0

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	Aircraft Pavement-Runway(s)	SY	373,333	100.0	0.0	0.0
II.1.B.1.b	Airfield Pavements- Taxiways	SY	37,000	100.0	0.0	0.0
II.1.B.1.c	Airfield Pavement-Apron(s)	SY	146,778	60.0	40.0	0.0
II.1.B.1.d	Dangerous Cargo Pad	SY	300	100.0	0.0	0.0
II.1.B.1.e	Elec Power-Trans & Distr Lines	LF	105,600	100.0	0.0	0.0
II.1.B.1.f	Heat-Trans & Distr Lines	LF	0			

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II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	105,000	50.0	50.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	172,000	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	0			
II.1.B.1.j	851	Roads	SY	253,000	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	40,500	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.b	112	Reflects the quantities in the cantonment area actually owned by AFRES.
II.1.B.1.c	113	Reflects the quantities in the cantonment area actually owned by AFRES.

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

0

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

0

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was Not used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

0

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

0

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

0

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 0.0 percent of officer families live on base.

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II.1.C.3.b 0.0 percent of enlisted families live on base.

II.1.C.3.a 0.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
	Length	Width		Number	Types
05	Primary	11200 ft	300 ft	No	4 MA1A(2)/BAK 12/14(2)

II.2.A There are 1 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are NO parallel runways.

II.2.C Dimensions of the primary runway (05).

II.2.C.1 Length: 11,200 ft

II.2.C.2 Width: 300 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 150 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency(AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

Procedures in AFM 88-24 were used to perform calculations for this section.

Aircraft Group		Criteria	Primary Pavements				
			Runways	Taxiways	Aprons		
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

II.2.F.9 Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a)	(9.b)	(9.c)
		Unit of Measure	Quantity	Description of Work

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Homestead ARB - AFRES

Section I**1. Force Structure**

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:		Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	AAFES	-	-	7	7
I.1.A.2	Army Corps of Engineers	-	-	7	7
TOTAL:					14

I.1.B No Remote/Geographically Separated Units receive more then 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems

NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	1	3834	2780	1054	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 05

1882 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

NONE

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT STEWART distance 389 NM

Nearest major primary airdrop customer: MACDILL AFB distance 182 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 2805 NM

Rota AB: 3846 NM

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Hickam AFB: 4274 NM

RAF Mildenhall: 3990 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	KEY WEST NAS	90
I.2.B.4	Military airfield, runway \geq 8,000ft	KEY WEST NAS	90
I.2.B.5	Military airfield, runway \geq 10,000ft	KEY WEST NAS	90
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Homestead General	10
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	Miami Int'l	20
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	Miami Int'l	20
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	Miami Int'l	20
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	Miami Int'l	20
I.2.B.11	Name and distance to an emergency landing airfield compatible with aircraft flown at the base.		
	Miami International		20 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 **Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:**

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-174 A,B,C,D,F,G	168 NM	W-174B	177 NM	W-497 A,B	186 NM
W-168 A,B,C	187 NM	W-168A	195 NM	W-497B	198 NM
W-158A	258 NM				

I.2.C.2 **MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:**

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-465 A,B,C,	76 NM	W-174D	138 NM	W-174A	164 NM
W-174 A,B,C,D,F,G	168 NM	W-174B	177 NM	W-497A	181 NM
W-497 A,B	186 NM	W-168 A,B,C	187 NM	W-168A	195 NM
W-497B	198 NM				

I.2.C.3 **Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:**

Area Name	Distance	Area Name	Distance	Area Name	Distance

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W-465 A,B,C,	76 NM	W-174D	138 NM	W-174A	164 NM
W-174 A,B,C,D,F,G	168 NM	W-174B	177 NM	W-497A	181 NM
W-497 A,B	186 NM	W-168 A,B,C	187 NM	W-168A	195 NM
W-497B	198 NM	W-158A	258 NM	W-158B	262 NM
W-470 A,B,C,D,E	306 NM	W-151D	338 NM	W-157C	350 NM
W-157A	351 NM	W-157B	363 NM	W-151B	367 NM
W-132A,B/W-134/W-157A	372 NM	W-151 A,B,C,D	380 NM	W-132 A,B	410 NM
W-151A	417 NM	W-155B	437 NM	W-155 A,B	445 NM
W-161A,B/W-177A,B	461 NM	W-122J	473 NM	W-177A	474 NM
W-122I	517 NM	W-122G	540 NM	W-122 A,B,C,D,E,F,G,H,I,	550 NM
W-122F	560 NM	W-92	560 NM	W-122 D	579 NM
W-122 E	579 NM				

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
AVON PARK CHARLIE/E	134 NM	AVON PARK BRAVO/FO	142 NM	PINECASTLE	230 NM
GRAND BAY	360 NM	TOWNSEND	366 NM	EGLIN C52	438 NM
EGLIN C62	438 NM	POINSETT	500 NM	SHELBY EAST	566 NM
SHELBY WEST	569 NM	CHERRY POINT BT-11	605 NM	USAF DARE COUNTY	654 NM
NAVY DARE COUNTY	658 NM	CLAIBORNE	750 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

BEAUFORT TACTS 339 NM

I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

HOMESTEAD ACMI 60 NM

I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

MARQUESAS 115 NM

I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	3	5	10	17	40	67
SR	0	0	0	0	19	38
VR	3	3	4	19	54	84
Total Routes:	6	8	14	36	113	189

Identify Routes:

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IR-053	18 NM	IR-034	46 NM	IR-056	46 NM	VR-1087	71 NM	VR-1088	71 NM	VR-1089	77 NM
IR-055	118 NM	IR-048	140 NM								
IR-049	161 NM	IR-050	161 NM	VR-1098	161 NM	IR-051	161 NM	IR-047	179 NM	IR-020	186 NM
VR-1097	210 NM	IR-046	226 NM	VR-1039	240 NM	VR-1009	273 NM	VR-1010	274 NM	IR-033	278 NM
VR-1006	295 NM	VR-1007	295 NM	VR-1008	303 NM	IR-019	304 NM	IR-032	308 NM	VR-1004	336 NM
VR-1002	337 NM	VR-1066	355 NM	IR-015	357 NM	VR-1065	361 NM	VR-1001	370 NM	VR-1011	371 NM
VR-1003	385 NM	VR-094	387 NM	IR-018	388 NM	IR-016	400 NM				
VR-1041	414 NM	IR-023	425 NM	IR-030	428 NM	IR-031	428 NM	VR-1005	442 NM	VR-1049	456 NM
IR-057	462 NM	SR-104	462 NM	SR-103	462 NM	SR-101	462 NM	IR-059	462 NM	SR-106	462 NM
VR-1013	467 NM	VR-1085	467 NM	VR-1082	467 NM	VR-1084	467 NM	IR-021	471 NM	SR-166	475 NM
IR-017	484 NM	VR-1017	484 NM	IR-036	488 NM	SR-038	488 NM	SR-039	489 NM	VR-1070	499 NM
IR-038	510 NM	IR-040	512 NM	VR-1024	512 NM	VR-1023	512 NM	VR-1021	512 NM	VR-1056	514 NM
VR-1040	515 NM	IR-035	517 NM	VR-1074	517 NM	VR-1069	517 NM	VR-1059	520 NM	SR-069	521 NM
SR-071	521 NM	SR-070	521 NM	SR-072	521 NM	VR-1020	521 NM	IR-037	524 NM	VR-1022	525 NM
IR-041	527 NM	VR-1067	527 NM	IR-063	527 NM	VR-060	529 NM	SR-029	533 NM	IR-090	534 NM
VR-1060	537 NM	IR-012	543 NM	VR-1083	550 NM	SR-035	554 NM	SR-037	554 NM	VR-095	554 NM
SR-040	554 NM	SR-036	554 NM	VR-179	556 NM	VR-088	557 NM	VR-087	558 NM	SR-030	560 NM
VR-1054	565 NM	SR-031	566 NM	VR-1030	569 NM	IR-083	572 NM	IR-074	578 NM	IR-082	579 NM
SR-102	579 NM	VR-058	581 NM	VR-097	581 NM	VR-1046	581 NM	IR-022	585 NM	IR-042	587 NM
VR-1068	587 NM	VR-1043	588 NM	IR-077	589 NM	VR-1052	598 NM	IR-069	599 NM		
IR-089	601 NM	IR-066	609 NM	VR-086	609 NM	VR-1051	609 NM	VR-1050	609 NM	VR-085	609 NM
IR-067	609 NM	VR-1031	611 NM	VR-1033	611 NM	IR-079	616 NM	SR-105	616 NM	IR-080	616 NM
IR-081	620 NM	VR-1058	625 NM	VR-1014	626 NM	IR-044	627 NM	IR-062	627 NM	VR-092	628 NM
VR-1072	646 NM	VR-1055	647 NM	VR-1057	648 NM	IR-075	651 NM	SR-137	656 NM	VR-093	656 NM
IR-091	662 NM	VR-096	665 NM	IR-002	671 NM	VR-073	674 NM	VR-1752	675 NM	VR-1061	688 NM
IR-743	690 NM	VR-1743	690 NM	IR-070	692 NM	IR-726	692 NM	VR-1032	692 NM	VR-1726	692 NM
VR-1721	694 NM	IR-715	695 NM	IR-718	695 NM	VR-1016	695 NM	VR-1196	709 NM	IR-721	711 NM
IR-068	713 NM	IR-762	724 NM	VR-1756	724 NM	IR-719	726 NM	IR-160	733 NM	IR-161	733 NM
IR-078	734 NM	SR-867	735 NM	IR-761	736 NM	VR-1751	736 NM	IR-720	737 NM	SR-075	741 NM
IR-714	746 NM	IR-760	746 NM	VR-1755	746 NM	VR-1754	746 NM	VR-1753	746 NM	VR-1722	750 NM
SR-073	763 NM	SR-074	763 NM	VR-1759	764 NM	SR-871	765 NM	SR-872	765 NM	SR-873	765 NM
SR-874	765 NM	SR-238	766 NM	SR-059	778 NM	SR-060	778 NM	SR-061	778 NM	SR-062	778 NM
SR-225	780 NM	SR-820	799 NM	SR-821	799 NM	SR-835	799 NM				

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1506 NM from the base.

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I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
4	7	14

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-638	27 NM	AR-617	35 NM	AR-620	128 NM	AR-618	161 NM
AR-716	213 NM	AR-655	233 NM	AR-202N NORTH	289 NM		
AR-627	360 NM	AR-202AN ALTERNA	383 NM	AR-200	429 NM	Racoon MOA	437 NM
AR-601	447 NM	AR-202S SOUTH	451 NM	AR-207NE NORTHEA	470 NM		

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
1829	2695

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
Racoon	437 NM	1829			0			0			0

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 437NM from the base."

I.2.C.10d Percentage of tanker demand in region: 27.0

Percentage of tankers based in region: 9.0

Tanker saturation within the region has been classified as tanker Poor

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
APPOLLO (WATER)	89 NM	✓	✓		0	0
BRAVO	142 NM	✓	✓	✓	6	0
CANE	56 NM	✓	✓		0	0
ECHO CHARLIE	133 NM	✓	✓	✓	10	0
HARD LUCK	139 NM	✓	✓		8	0
JONES	245 NM	✓	✓	✓	6	0
KAREN	139 NM	✓	✓	✓	8	0
LOWRY LAKE	275 NM	✓	✓		2	0
MACE	57 NM	✓	✓		1	0
OSCAR NOVEMBER	133 NM	✓	✓	✓	8	0

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OSCAR QUEBEC	138 NM	✓	✓	✓	8	0
OSCAR QUEBEC REV	138 NM	✓	✓	✓	6	0
RIM	139 NM	✓	✓	✓	8	0

I.2.C.11.a

Drop Zone

Servicing Instrument and Slow Routes (IRs and SRs)

BRAVO	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
ECHO CHARLIE	IR-034	IR-036	IR-037	IR-038	IR-046	IR-047	IR-049	IR-050	IR-055
	IR-056								
HARD LUCK	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
JONES	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
KAREN	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
LOWRY LAKE	IR-032	IR-033							
MACE	IR-034								
OSCAR NOVEMBER	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC REV	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
RIM	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	

I.2.C.12

Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

ANDERSON-BARTLETT

286 NM

I.2.C.13

Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
CANE	56 NM	✓	✓		0	0
ECHO CHARLIE	133 NM	✓	✓	✓	0	0

I.2.C.14

Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM)

FORT STEWART

389 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

Document Separator

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Section VI Economic Impact**Economic Area Statistics:****Fort Walton Beach, FL MSA****Total population: 153,000 (FY 92)****Total employment: 86,772 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****6.2% / 6.5% / 6.2%****Average annual job growth: 1,661****Average annual per capita income: \$17,656****Average annual increase in per capita income: \$5.7%****Projected economic impact:**

Direct Job Loss:	7,262	
Indirect Job Loss:	<u>2,195</u>	
Closure Impact:	9,457	(10.9% of employment total)
Other BRAC Losses:	<u>0</u>	
Cumulative Impact:	9,457	(10.9% of employment total)

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Section VII

I. Community Infrastructure

Describe the off-base housing situation.

VII.1.A.1 Off-base housing is affordable

VII.1.A.2 Units are available for families

VII.1.A.2 Units are available for single members.

VII.1.A.3 7.9 Percent of off-base housing was rated as unsuitable in the latest VHA survey

VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$689

Describe the transportation systems.

VII.1.B.1 The base is NOT served by REGULARLY SCHEDULED, public transportation.

VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 15 miles

VII.1.B.2 Airport name: Okaloosa County Air Terminal

VII.1.B.3 Number of commercial air carriers available at the airport: 4

VII.1.B.4 Average round trip commuting time to work: 37 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type Name of Nearest Facility Distance to: Drive Time

VII.1.C.1	Swimming pool	YMCA	4	Hrs.	08	Min.
VII.1.C.2	Movie theater	Sun Plaza IV	3	Hrs.	08	Min.
VII.1.C.3	Public golf course	Ft Walton Beach Golf Course	6	Hrs.	15	Min.
VII.1.C.4	Bowling lane	White Sands	5	Hrs.	10	Min.
VII.1.C.5	Boating	Shalimar Yacht Basin	11	Hrs.	23	Min.
VII.1.C.6	Fishing	Cinco Bridge	7	Hrs.	16	Min.
VII.1.C.7	Zoo	The Zoo	14	Hrs.	20	Min.
VII.1.C.8	Aquarium	Gulfarium	7	Hrs.	20	Min.
VII.1.C.9	Family theme park	Lost Lagoon	12	Hrs.	20	Min.
VII.1.C.10	Professional sports	New Orleans Superdome	260	4 Hrs.	30	Min.
VII.1.C.11	Collegiate sports	Okaloosa Walton Community College	22	Hrs.	25	Min.

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VII.1.C.12	Camping facilities	Gulfshore National Park	15		Hrs.	20	Min.
VII.1.C.13	Beaches (lake or ocean)	Navarre Beach	10		Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Asheville Resort Center, Asheville, NC	564	11	Hrs.	30	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Santa Rosa Mall 10 min (4 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Pensacola, FL 60 min (40 Miles)

Local area crime rate:

- VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 391
- VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 3389

2. Education

- VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 28 to 1
- VII.2.B Local high schools offer a four-year English program.
- VII.2.B Local high schools offer a four-year Math program.
- VII.2.B Local high schools offer four-year Foreign Language programs.
- VII.2.C Local high schools offer an Honors program.
- VII.2.D 67.7 percent of high school students go on to either a two- or four-year college
- VII.2.E There are opportunities for off-base education within 25 miles of the base.
- VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:
Bay Area Vocational Technical School
- VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:
Okaloosa-Walton Community College
- VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:
University of West Florida

3. Spousal Employment

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- VII.3.A 95.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 70.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 6.2 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 4.8 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 5.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 9.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

- VIII.1.A** Air Quality Management District for the base: Florida Department of Environmental Protection, Northwest District
- VIII.1.B** The base is NOT located within a maintenance or non-attainment area for pollutants.
- VIII.1.C** There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)
- VIII.1.D** On- or off-base activities have NOT been restricted or delayed due to air quality considerations.
(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)
- VIII.1.D.1** The base has NOT been required to implement emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)
- VIII.1.E** Restrictions placed on operations by state or local air quality regulatory agencies:
- VIII.E.1** Aerospace Ground Equipment (AGE):
- E.1.a** No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.
- E.1.b** No state or local air quality regulatory agency Requires permits for such units.
- E.1.c** No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.
- E.1.d** No state or local air quality regulatory agency Requires retrofit controls for AGE.
- VIII.E.2** Infrastructure Maintenance / Public Works
- E.2.a** No state or local air quality regulatory agency Regulates or conditionally exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).
- E.2.b** No state or local air quality regulatory agency Limits the hours of these activities.
- E.2.c** No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.
- E.2.d** No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c The state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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Floridian aquifer

VIII.2.B There are constraints to the base water supply. Type constraints include:

Quantity constraints

Seasonal Shortages

VIII.2.C The base potable water supply does not constrain operations

(Contamininants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Hydrocarbon contamination from fire training pit and fuel storage facilities (localized on-base)

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 26 water wells exist at the base.

VIII.3.D 2 wells have been abandoned for the following reasons:

One yield was below design gpm. one shallow well was high in iron.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

VIII.4.A.1	Location	Surface area size
	North Lake	30.00 Acres
	Northeast Golf Course Lakes	20.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

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5. Wastewater

- VIII.5.A** Base wastewater is treated by On-Base facilities.
- VIII.5.B** The following 1 wastewater treatment facilities (industrial/domestic) are located on-base:
Facility 91500, Waste Water Treatment Plant
- VIII.5.C** There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

- VIII.6.A** Describe the National Pollutant Elimination System permits in effect:
Wastewater and Stormwater NPDES permits allow discharge to US waters.
- VIII.6.B** The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:
After primary, secondary and tertiary treatment, effluent is discharged to wetlands located in the north portion of the base.
- VIII.6.C** The base has discharge impoundments.
- VIII.6.C.1** There are 1 water/wastewater treatment impoundments.
- VIII.6.C.2** There are No industrial wastewater treatment impoundments.
- VIII.6.D** There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

- VIII.7.A** 56.0 percent of facilities have been surveyed for asbestos.
- VIII.7.A.1** 51.0 percent of the facilities surveyed are identified as having asbestos.
- VIII.7.A.2** 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

VIII.8.A There are No ecological or wildlife management areas ON the base.
 There are No ecological or wildlife management areas ADJACENT TO the base.

VIII.8.A.1 Natural areas on or adjacent to the base are not recognized as important ecological sites.

VIII.8.B The U.S. Fish and Wildlife Service has identified critical/sensitive habitats on base.

Inactive cavities of red cockaded woodpecker

VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program.

VIII.8.D Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

The presence of these resources does not constrain CURRENT construction activities/operations.

The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom	State	Federa	Listed	Endangered	Remarks
Curtiss Sand Grass	Plant	State	Listed	Endangered	Federally listed C-2	
Flatwoods Salamander	Animal	Federa	Listed	Threatened	Federally listed C-2	
Parrot Pitcher Plant	Plant	State	Listed	Endangered		
Red Cockaded Woodpecker	Animal	Federa	Listed	Endangered	State species of special concern due to similarity of appearance.	
White Top Pitcher Plant	Plant	State	Listed	Endangered	Federally listed C-2	

VIII.9.B Special Concern species identified on the base:

Species	Kingdom	State	Federa	Special Concern	Remarks
Curtiss sand grass	Plant	State	Special Concern	State endangered, Federal C-2	
Flatwoods salamander	Animal	Federa	Special Concern	Federal C-2	
Parrot pitcher plant	Plant	State	Special Concern	State endangered	
Red Cockaded Woodpecker	Animal	Federa	Special Concern	Federal E	
White top pitcher plant	Plant	State	Special Concern	State endangered, Federal C-2	

VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1 Identification and type of wetland:

Approximate acreage:

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VIII.51

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Tidal Marsh	35
Wetlands (freshwater)	3465

- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Aug 92
- VIII.10.B.2** 100 percent of the base was included in the survey.
- VIII.10.B.3** Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):
 Corps of Engineers Delineation Manual
- VIII.10.C** Part of the base is located in a 100-year floodplain.
- VIII.10.D** The presence of these resources constrains current or future construction activities or operations as follows:
 The presence of wetland limits future construction.

11. Biological - Floodplains

- VIII.11.A** Floodplains are present on the base.
- VIII.11.A.1** Floodplains do Not constrain construction (siting) activities or operations.
- VIII.11.A.2** Periodic flooding does Not constrain base operations.

12. Cultural

- VIII.12.A** Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:	Significant status:
80K126	SIGNIFICANT
80K128	NOT SIGNIFICANT
80K133	NOT SIGNIFICANT
80K134	SIGNIFICANT
80K167	UNKNOWN
80K168	NOT SIGNIFICANT
80K380	NOT SIGNIFICANT
80K61	UNKNOWN

- VIII.12.B** 1 percent of the buildings on base are over 50 years old.
- VIII.12.C** No Historic Landmark/Districts, or NRHP properties are located on base.

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- VIII.12.C.1** Some properties have been determined to be or may be eligible for the NRHP.
- VIII.12.C.2** Buildings and structures have not been surveyed for Cold War or other historical significance.
- VIII.12.D** The base has been archeologically surveyed.
- VIII.12.D.1** 10 percent of the base has been surveyed.
- VIII.12.D.2** Archeological sites have been found.
- VIII.12.D.3** No archeological collections are housed on base.
- VIII.12.D.4** No Native Americans or others use/identified sacred areas or burial sites on or near base.
- VIII.12.E** The base has no agreements with historic preservation agencies.
- Agreements include Programmatic Agreements and Memorandum of Agreements.
Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 16 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2000

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$155.000 K	\$175.000 K	\$51,000.000 K	\$73,436.000 K	\$150,000.000 K
IRP	\$700.000 K	\$1,000.000 K	\$1,250.000 K	\$735.000 K	\$550.000 K
Natural Resources					
Permits	\$14.000 K	\$9.000 K	\$5,000.000 K	\$5,000.000 K	\$5,000.000 K

15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

LOCAL: Base lies in a Coastal Management Zone. This together with the excellent rapport with the state environmental regulators significantly enhance base operations.

STATE:

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16. Air Quality - Clean Air Act

- VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:**
Mobile-Pensacola-Panama City- Southern Mississippi Interstate Air Quality Central Region
- VIII.16.B Air quality regulatory agency responsible for the AQCA:.** Dept of Environmental Protection (DEP)
- VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:**
Ms Salmon (904) 444-8360
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:**
- | | |
|---|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7** The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT
-
- VIII.16.D.1** Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.00 ppm
- VIII.16.D.2** Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm
- VIII.16.D.3** Ozone Design value is 0.0% of NAAQS
- VIII.16.D.4** Carbon monoxide Design value is 100.0% of NAAQS

Air Quality Survey complete, No additional data required.

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Section IX

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IX.56

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 4 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: 3 - 25 K loader (3 pallet capacity); 1 - 40 K loader (5 pallet capacity); 4 - 10K Adverse Terrain forklift.

III.1.A.2 4 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
747	Can land	Can taxi	Can park	Can refuel	
C-5	Can land	Can taxi	Can park	Can refuel	
KC-10	Can land	Can taxi	Can park	Can refuel	

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3 No excess storage capacity.

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

III.1.D.4 Other receipt modes available: Barges and Tank Trucks

Number of offload headers: 4

4 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 3 refueling unit fillstands are available.

III.1.D.5.a 2 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 9999
 maximum: 9999

III.1.D.7 The base is Not directly supported by an intermediate Defense Fuels Supply Point.

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	921166	0
Square footage available (including physical capacity limit):	40732	0
Normal installation mission storage requirement:	30973	319768

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Hot cargo pad access limitations:

Hot Cargo pad size does not permit C-5 access.

III.1.F.2 The size of the hot cargo pad is 139,122 sq feet.

III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000

III.1.F.4 The hot pad access is taxi-on/taxi-off.

III.1.F.5 The taxiway servicing the hot pad is 75 ft wide and has a pavement classification number (PCN) of 70.

III.1.F.6 Aircraft using pad over the last 5 years:

AC-130, C-141

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

CAMP SHELBY	136 NM
FORT BENNING	144 NM
FORT RUCKER	72 NM

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Columbus - Fort Benning	145 NM
Gulfport - NCBC	124 NM
Hattiesburg - Camp Shelby	144 NM
Mobile	70 NM
Panama City - Lynn Haven	56 NM
Waterford - Daleville	73 NM

III.1.G.3 The base is proximate to a port.

Deep water ports within 150 NM:

Gulfport	124 NM
Mobile	68 NM

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

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Hurlburt Clinic is designated to augment Eglin Hospital in support of (1) Blood Donor Center, (2) MTF bed expansion from 105 to 275 be

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

A \$1.5 million project for the Flight Medicine operation is in the planning stages. Construction is anticipated within the next two years.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has Not been approved.

III.1.M.2 Major MCP completed since 1989:

An MCP project for a 36,000 SFMedical/Dental facility was accepted in Aug 92.

III.1.N Base facilities have No excess storage capacity.

III.1.N.1 Base facilities have a total covered storage capacity of 122,127 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	80,583 sq ft
Mobility storage:	14,344 sq ft
War Readiness Support Kits (WRSK) storage:	27,200 sq ft

III.1.N.3 Base supply facilities that have a planned and funded MCP project:

Facility:	Funding:
Add to Base Supply/WRSK	1500

III.1.O 329 light military vehicles are on base.

III.1.P 453 heavy military and special vehicles are on base.

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Section IV**1. Base Budget****IV.1 Non-payroll portion of the base budget for prior years:**

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	974.30 \$sK	0.00 \$sK	974.30 \$sK			
	FY-92	Appropriation	Direct	Reimbursable		206.55 \$sK		
		3400	206.55 \$sK	0.00 \$sK		206.55 \$sK		
	FY-93	Appropriation	Direct	Reimbursable			803.70 \$sK	
		3400	803.70 \$sK	0.00 \$sK			803.70 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				1,710.60 \$sK
		3400	1,710.60 \$sK	0.00 \$sK				1,710.60 \$sK
		xxx56 TOTALS:			974.30 \$sK	206.55 \$sK	803.70 \$sK	1,710.60 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	8,455.00 \$sK	89.67 \$sK	8,544.67 \$sK			
	FY-94	Appropriation	Direct	Reimbursable				7,845.12 \$sK
		3400	7,759.24 \$sK	85.88 \$sK				7,845.12 \$sK
		xxx76 TOTALS:			8,544.67 \$sK			7,845.12 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-94	Appropriation	Direct	Reimbursable				6,482.78 \$sK
		3400	6,482.78 \$sK	0.00 \$sK				6,482.78 \$sK
		xxx78 TOTALS:						6,482.78 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-92	Appropriation	Direct	Reimbursable		125.30 \$sK		
		3400	125.30 \$sK	0.00 \$sK		125.30 \$sK		
	FY-93	Appropriation	Direct	Reimbursable			142.30 \$sK	
		3400	142.30 \$sK	0.00 \$sK			142.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				122.60 \$sK
		3400	122.60 \$sK	0.00 \$sK				122.60 \$sK
		xxx90 TOTALS:				125.30 \$sK	142.30 \$sK	122.60 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	739.00 \$sK	27.50 \$sK	766.50 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				

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		3400	423.93 \$sK	63.63 \$sK		487.55 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	974.90 \$sK	32.90 \$sK			1,007.80 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	967.00 \$sK	1.00 \$sK				968.00 \$sK
		xxx95 TOTALS:			766.50 \$sK	487.55 \$sK	1,007.80 \$sK	968.00 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	6,059.50 \$sK	1.85 \$sK	6,061.35 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	4,491.40 \$sK	185.98 \$sK		4,677.38 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	8,078.40 \$sK	273.75 \$sK			8,352.15 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	8,984.70 \$sK	0.10 \$sK				8,984.80 \$sK
		xxx96 TOTALS:			6,061.35 \$sK	4,677.38 \$sK	8,352.15 \$sK	8,984.80 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		7040	1,686.90 \$sK	0.00 \$sK	1,686.90 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		7040	3,116.70 \$sK	0.00 \$sK		3,116.70 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		7040	4,995.37 \$sK	0.00 \$sK			4,995.37 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		7040	5,492.00 \$sK	0.00 \$sK				5,492.00 \$sK
		MFH TOTALS:			1,686.90 \$sK	3,116.70 \$sK	4,995.37 \$sK	5,492.00 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 0.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 129\$sM

Twenty year Net Present Value (400)\$sM

Steady state savings 38\$sM per year

Manpower savings associated with closure 865

Return on Investment (years): 4

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- II.1.C.3.a 8.0 percent of officer families live on base.
- II.1.C.3.b 19.0 percent of enlisted families live on base.
- II.1.C.3.a 17.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
	Length	Width		Number	Types
36	Primary	9600 ft	150 ft	No	None

- II.2.A There are 1 active runways.
- II.2.A.1 There are NO cross runways
- II.2.B There are NO parallel runways.
- II.2.C Dimensions of the primary runway (36).
- II.2.C.1 Length: 9,600 ft
- II.2.C.2 Width: 150 ft
- II.2.D Dimensions of all secondary runways are in the runway table.
- II.2.E The primary taxiway is 75 ft wide.
- II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

Procedures in AFM 88-24 were used to perform calculations for this section.

Aircraft Group	Criteria	Primary Pavements				
		Runways	Taxiways	Aprons		
II.2.F.1 Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2 Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3 Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4 Bomber	B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5 Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6 Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.7 Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.8 Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

- II.2.F.9 Work required to upgrade pavement to the required strength:

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		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Aprons	B-1B	SY	218,500	of 6" bonded PCC overlay
Taxiway	B-1B	SY	99,300	of 4" AC overlay PLUS 55,100 SY of AC shoulder
Runway	B-1B	SY	160,000	of 4" AC overlay PLUS 6700 SY of 8" AC over a 12" base runway extension
Aprons	B-52	SY	109,200	of 6" bonded PCC overlay.
Taxiway	B-52	SY	99,300	of 4" (avg) AC overlay PLUS 55,100 SY AC shoulder
Runway	B-52	SY	160,000	of 4" AC overlay PLUS 62,222 SY of 8" AC over base runway extension.

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 310,000 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
Base Ops	1,560 ft	300 ft	Primary Aircraft	Parking
Commando Apron	720 ft	700 ft	Primary Aircraft	M-53 Parking
Doolittle	1,400 ft	150 ft	Primary Aircraft	Overflow Parking
South Apron	1,158 ft	1,000 ft	Primary Aircraft	C-130
Special Ops	1,512 ft	300 ft	Primary Aircraft	M-60 Parking

II.2.G.2 Permanently assigned aircraft currently require 628,011 Sq Yds of parking space.

II.2.G.3

II.2.G.4 The following factors limit aircraft parking capability:

Every existing parking spot is required for assigned aircraft. No transient parking is available. A current deficit of -164, 270 SY has been programmed for future construction and will meet parking requirement. (see comment on cover letter)

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

Two aircraft gross weight limitations exist that require minor work-arounds. Both have scheduled projects to correct limitations by 95/96.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	1.525 MG/D	MG/D - million gallons per day	51 %
II.3.A.2 Sewage:	1.0 MG/D		54 %
II.3.A.3 Electrical distribution:	25.0 MW	MW - million watts	50 %
II.3.A.4 Natural Gas:	28.00 MCF/D	MCF/D - million cubic feet per day	18 %
II.3.A.5 High temperature water/steam generation/distribution:	13.2 MBTUH	MBTUH - million British thermal units per hour	30 %

II.3.B Characteristics regarding the utility system that should be considered:

Recent upgrade projects include primary electrical distribution system, state-of-the-art sewage treatment facility, underground cable duct system for communications, and 10" water main. Projects in progress will upgrade sewer mains and storm sewer

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 700 Hanger

Current Use: Aircraft Phase Inspections

II.4.A.2 Size (SF): 116,096 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	247 ft	63 ft	
II.4.A.6 Largest unobstructed space inside the facility:	247 ft	63 ft	81 ft

II.4.A.1 Facility number: 810 Hanger

Current Use: Aircraft Fuel Cell Maintenance

II.4.A.2 Size (SF): 24,382 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	28 ft	
II.4.A.6 Largest unobstructed space inside the facility:	167 ft	28 ft	107 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

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6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.1	18	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	36	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	97.0	0.0	3.0
II.6.A.2	18	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	36	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	45.0	0.0	55.0
II.6.A.3	18	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	36	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	0	389	0	Gen Compat	0.0	0.0	0.0	71.0	0.0	29.0
II.6.A.5	70-75	0	149	0	Gen Compat	0.0	0.0	0.0	92.0	0.0	8.0
II.6.A.6	75-80	0	29	0	Gen Compat	0.0	0.0	0.0	86.0	0.0	14.0
II.6.A.7	80+	0	0	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	18	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	36	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	97.0	0.0	3.0
II.6.B.2	18	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	36	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	45.0	0.0	55.0
II.6.B.3	18	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	36	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.4	65-70	0	389	0	Gen Compat	0.0	0.0	0.0	71.0	0.0	29.0
II.6.B.5	70-75	0	149	0	Gen Compat	0.0	0.0	0.0	92.0	0.0	8.0
II.6.B.6	75-80	0	29	0	Gen Compat	0.0	0.0	0.0	86.0	0.0	14.0

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II.6.B.7	80+	0	0	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
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II.6.C There is No publicly released AICUZ study.

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft
 Subsection reflects the number of daily flying operations conducted by all assigned aircraft
 Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on May 94
 The study is still valid.

II.6.F Local governments have Not incorporated AICUZ recommendations into land use controls

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Mary Esther	0	3192	3530	4139	5487
Ft Walton Beach	0	19974	20829	21471	22557

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Okaloosa County	0	88187	109920	143776	206400

II.6.I All clear zone acquisition has been completed.

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

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Air Space Encroachment

- II.6.K** Noise complaints are received from off base residents.
- II.6.K.1** 4.0 noise complaints per month (average) are received from off base residents.
- II.6.L** The base has implemented noise abatement procedures as follows:
- II.6.L.1** If possible, 16 SOW/DOO institutes a "no-fly" area over the complainant's residence. Hurlburt Field has an exemption to the USAF AICUZ program because its noise contours remain on government property.

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I.2.E.7.a **Hours scheduled:** 31 hrs

I.2.E.7.b **Hours used:** 31 hrs

I.2.E.8 **Utilization of the airspace can Not be increased.**

I.2.E.9 **It is Not possible to expand either hours or volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

1,448 miles

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: SR 102

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

Environmental assessments were prepared for all mission and low-altitude, low-speed training routes in December 1978, Supplement was prepared in July 1983.

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

There is no lack of reports

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

15-Feb-95

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24 hrs per day

Range scheduling statistics (yearly average from 1990 to 93).

I.2.E.7.a Hours scheduled: 8 hrs

I.2.E.7.b Hours used: 8 hrs

I.2.E.8 Utilization of the airspace can Not be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

1,170 miles

I.2.E.11 100.00 percent of the airspace is usable.

Airspace: SR-101

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Environmental assessments were prepared for all mission and low-altitude, low-speed training routes in December 1978. Supplement was prepared in July 1982.

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

There is no lack of reports.

I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

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- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
24 hrs per day.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 1,749 hrs
- I.2.E.7.b** Hours used: 1,641 hrs
- I.2.E.7.c** Reasons for non-use:
Inclement weather or maintenance delays
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
2,581 miles
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-103
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Environmental assessments were prepared for ail mission and low-altitude, low-speed training routes in December 1978.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
There were no lack of reports
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.

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- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 24 hours per day
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 247 hrs
- I.2.E.7.b** **Hours used:** 241 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Inclement weather or maintenance delays
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 1,595 miles
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: SR-104
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Environmental assesments were prepared for all mission and low-altitude, loow -speed traing routes in December 1978. The most recent supplement was prepared in July 1983.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 There is no lack of reports
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**

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- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 24 hrs oper day
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 6 hrs**
- I.2.E.7.b** **Hours used: 6 hrs**
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 3,236 miles
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: SR-105
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Environmental assessments were prepared for all mission and low-altitude, low-speed traing routes in December 1978. Supplement was prepared in July 1983.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 There is no lack of reports.
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**

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- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
24 hrs per day
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 63 hrs
- I.2.E.7.b** Hours used: 61 hrs
- I.2.E.7.c** Reasons for non-use:
Inclement weather or maintenance delays
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
904 miles
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-106
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Environmental assessments were prepared for al mission and low-atitude, low-speed training routes in December 1978. Supplement was prepared in July 1983
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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There is no lack of reports.

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
24 hrs per day
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 241 hrs
- I.2.E.7.b** Hours used: 236 hrs
- I.2.E.7.c** Reasons for non-use:
Inclement weather or maintenance delays
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
1,163 miles
- I.2.E.11** 100.00 percent of the airspace is usable.

Commercial Aviation Impact

- I.2.E.12** The base is Not joint-use (military/civilian).
- I.2.E.13** List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Barin NOLF	Military
Bob Sikes	Commercial
Brewton Municipal	Commercial

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Choctaw NOLF	Military
Defuniak Springs	Commercial
Destin-Fort Walton Beach	Commercial
Eglin AFB	Military
Eglin AFB Aux Field #2	Military
Eglin AFB Aux Field #3 (Duke Field)	Military
Eglin Test Site B-6	Military
Holley NOLF	Military
Pensacola NAS	Military
Pensacola Regional	Civilian
Peter Prince Field	Military
Santa Rosa NOLF	Military
Whiting Field NAS, North	Military
Whiting Field NAS, South	Military
Wolf NOLF	Military

I.2.E.14 **Civilian/commercial operators or other airspace users constrain or limit operations:**

I.2.E.14.a **Description of impacts:** Commercial Traffic at Eglin poses an occasional ATC delay, Tests conducted on the Eglin ranges also impact operations. Increase in population in surrounding area has resulted in increased noise complaints.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1 **Expansion of training airspace is Not possible.**
- I.2.F.2 **Current access will remain the same.**
- I.2.F.3 **No reductions in training airspace are expected.**
- I.2.F.4 **Current special use airspace and training areas do Not meet all training requirements.**
- I.2.F.4.a **Some of training requirements ONLY be met by deployed, off-station training.**
- I.2.F.4.b **Degradation experienced:** Any degradation of training is due to missions being preempted for higher priority Eglin test missions.
Only 50% of Deck Landing Qualifications (DLQ) training for MH-53s can be accomplished locally due to deployment schedules.

G. Composite / Integrated Force Training

- I.2.G.1 **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 FORT RUCKER
 72 NM from the base.
- I.2.G.2 **DELETED**
- I.2.G.3 **Nearest Naval unit where joint training can be accomplished:**
 Whiting NAS
 26 mi from the base.
- I.2.G.4 **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 EGLIN AFB, FL
 10 mi from the base.
- I.2.G.5 **DELETED**

H. Missile Bases (AF Space Command)

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Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
98.3	97.4	88.8	84.1	81.3

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.4 percent of the time

I.2.J.2.b Is at or below 25 knots 99.9 percent of the time

I.2.J.3 1 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

II.1.A.1	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
	Hurlburt Field	Earlin Aux #9	6,634	1,853	970
TOTALS:			6,634	1,853	970

B. Facilities

II.1.B.1 From real property records:

Facility Code	Category	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	Excess Capacity (C)
II.1.B.1.a.i	EA	Hydrant Fueling System Pns	EA	2	0	0.0	0.0	0.0	0
II.1.B.1.a.ii	EA	Consolidated Aircraft Support System	EA	0	0	0.0	0.0	0.0	0
II.1.B.1.b	SF	Communications-Buildings	SF	N/A	40,780	37.9	0.0	62.1	N/A
II.1.B.1.c	SF	Operations-Buildings	SF	N/A	236,276	88.4	5.8	5.8	N/A
II.1.B.1.c.i	SF	Aerial Delivery Facility	SF	25,400	25,400	100.0	0.0	0.0	0
II.1.B.1.c.ii	SF	Squadron Operations	SF	191,756	78,477	95.4	0.0	4.6	0
II.1.B.1.c.iii	SF	Air Freight Terminal	SF	0	0	0.0	0.0	0.0	0
II.1.B.1.c.iv	SF	Air Passenger Terminal	SF	0	0	0.0	0.0	0.0	0
II.1.B.1.c.v	SF	Fleet Service Terminal	SF	0	0	0.0	0.0	0.0	0
II.1.B.1.d	SF	Training Buildings	SF	N/A	259,966	68.4	31.6	0.0	N/A
II.1.B.1.d.i	SF	Flight Training	SF	0	0	0.0	0.0	0.0	0
II.1.B.1.d.ii	SF	Combat Crew Trng Squadron Facility	SF	0	0	0.0	0.0	0.0	0
II.1.B.1.d.iii	SF	Flight Simulator Training (High Bay)	SF	45,400	33,048	100.0	0.0	0.0	0
II.1.B.1.d.iv	SF	Companion Trng Program	SF	0	0	0.0	0.0	0.0	0
II.1.B.1.d.v	SF	Field Training Facility	SF	25,000	23,529	100.0	0.0	0.0	0
II.1.B.1.e	SF	Maintenance Aircraft	SF	N/A	304,004	56.2	43.8	0.0	N/A
II.1.B.1.e.i	SF	Maintenance Hanger	SF	131,591	88,191	24.6	75.4	0.0	0
II.1.B.1.e.ii	SF	General Purpose Aircraft Maintenance	SF	119,046	67,146	64.4	35.6	0.0	0
II.1.B.1.e.iii	SF	DASH 21	SF	18,000	0	0.0	0.0	0.0	0
II.1.B.1.e.iv	SF	Non-Destructive Inspection (NDI) Lab	SF	17,500	17,500	100.0	0.0	0.0	0
II.1.B.1.e.v	SF	Aircraft Maintenance Unit	SF	4,000	4,000	100.0	0.0	0.0	0

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II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	49,000	27,031	50.0	50.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	48,480	24,480	100.0	0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	74,312	39,912	100.0	0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	31,526	25,632	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	1,804	1,804	100.0	0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	79,561	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	64,905	54,229	100.0	0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	3,000	2,600	100.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	12,293	6,793	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	12,300	8,959	100.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	66,425	94.0	6.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	62,825	33,425	100.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	45,060	24,200	82.0	17.0	1.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	27,000	15,970	100.0	0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	9,716	7,902	0.0	100.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	0		0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	80,661	69.0	3.0	28.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	42,035	22,035	100.0	0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	42,963	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	11,890	11,890	100.0	0.0	0.0	0

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II.1.B.1.t.iii	422-264	Igloo Magazine	SF	4,814	4,814	100.0	0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	209,093	97.0	2.4	0.6	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	3,120	3,120	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	168,088	129,428	99.0	0.0	1.0	0
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	39,000	7,920	0.0	100.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	36,000	100.0	0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	385,143	71.0	10.0	19.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	1,799	74.0	15.0	11.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	2,365	1,687	72.0	16.0	12.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	25,581	100.0	0.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	26,286	25,581	100.0	0.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	148	72.0	27.0	1.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	58,807	87.0	6.0	7.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	343,584	88.0	10.0	2.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	9,823	9,823	100.0	0.0	0.0	0

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	160,000	92.0	8.0	0.0
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	126,631	100.0	0.0	0.0
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	458,741	100.0	0.0	0.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	15,458	100.0	0.0	0.0
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	463,043	100.0	0.0	0.0
II.1.B.1.f	822 Heat-Trans & Distr Lines	LF	10,970	100.0	0.0	0.0

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II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	147,001	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	265,994	90.0	10.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	4,230	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	385,900	85.0	15.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	441,896	80.0	20.0	0.0

Notes for specific Cat Codes:

II.1.B.1.e	812	Most of our utility systems/infrastructure have been replaced or renovated within the last two years.
II.1.B.1.f	822	Most of our utility systems/infrastructure have been replaced or renovated within the last two years.
II.1.B.1.g	832	Most of our utility systems/infrastructure have been replaced or renovated within the last two years.
II.1.B.1.h	842	Most of our utility systems/infrastructure have been replaced or renovated within the last two years.
II.1.B.1.i	843	Most of our utility systems/infrastructure have been replaced or renovated within the last two years.

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a	Number of adequate units from current DD Form 1410, line 18d:	680	
II.1.C.1.b	Number of substandard units from current DD Form 1410, line 18e:	0	
II.1.C.1.c	Current deficit (-) or surplus units in validated Market Analysis:	-288	(includes E-1 - E3 requirements)
II.1.C.1.c.i	A Market Analysis was used to answer the questions in Section II.1.C.		
II.1.C.1.d	FY95/4 projected net housing deficit (-) or surplus of units:	-310	(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)
II.1.C.2 Condition			
II.1.C.2.a	Number of adequate units meeting current whole-house standards of accommodation and state of repair:	680	(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)
II.1.C.2.a	Number of adequate units requiring whole-house renovation or replacement:	0	(Units meeting whole-house standards are those that were programmed/renovated after FY88).
II.1.C.2.a	Number of new housing units projected to meet current deficit.	0	
II.1.C.3	Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base		

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Section I**1. Force Structure****I.1.A List of all on base NAF and non-Air Force activities:**

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	16 Ops Support Squadron (USA)	-	4	-	4
I.1.A.2	16 Ops Support Squadron (USN)	-	1	-	1
I.1.A.3	20th Special Ops Squadron (USMC)	-	-	-	0
I.1.A.4	55th Special Ops Squadron (USA)	1	-	-	1
I.1.A.5	720th Special Tactics Group	-	1	-	1
I.1.A.6	Defense Commissary Agency	-	9	46	55
I.1.A.7	Defense Finance Accounting Svs	-	10	7	17
I.1.A.8	USAF Air Ground Ops School (USA)	10	2	-	12
I.1.A.9	USAF Air Ground Ops School (USMC)	1	-	-	1
I.1.A.10	USAF Air Ground Ops School (USN)	1	-	-	1
I.1.A.11	USAF Battlestaff Training School	2	1	-	3
TOTAL:					96

I.1.B No Remote/Geographically Separated Units receive more then 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	2	50636	12650	37977	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 36

34821 operations were conducted this runway during calendar year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

We are not aware of any known or projected airspace problems.

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT BENNING distance 144 NM

Nearest major primary airdrop customer: FORT RUCKER distance 72 NM

I.2.B.2 Distance to forward deployment Air Bases:

Lajes AB: 2978 NM

Rota AB: 4030 NM

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Hickam AFB: 3872 NM
 RAF Mildenhall: 4051 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	EGLIN AFB	9
I.2.B.4	Military airfield, runway >= 8,000ft	EGLIN AFB	9
I.2.B.5	Military airfield, runway >= 10,000ft	EGLIN AFB	9
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Eglin AFB	10
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Eglin AFB	10
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Eglin AFB	10
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Bob Sikes	23
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Birmingham Int.	186
I.2.B.11	Name and distance to an emergency landing airfield compatible with aircraft flown at the base.		
	Eglin AFB		10 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-155 A,B	67 NM	W-151 A,B,C,D	70 NM	W-470 A,B,C,D,E	142 NM
W-168A	271 NM	W-168 A,B,C	276 NM		

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-151A	32 NM	W-155 A,B	67 NM	W-151 A,B,C,D	70 NM
W-151B	80 NM	W-155B	83 NM	W-151D	116 NM
W-470 A,B,C,D,E	142 NM				

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-151A	32 NM	W-155 A,B	67 NM	W-151 A,B,C,D	70 NM
W-151B	80 NM	W-155B	83 NM	W-151D	116 NM

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W-470 A,B,C,D,E	142 NM	W-168A	271 NM	W-92	272 NM
W-168 A,B,C	276 NM	W-174A	344 NM	W-158A	346 NM
W-157A	350 NM	W-497A	371 NM	W-174 A,B,C,D,F,G	373 NM
W-132A,B/W-134/W-157A	380 NM	W-174B	385 NM	W-158B	398 NM
W-132 A,B	406 NM	W-157B	418 NM	W-497 A,B	438 NM
W-177A	441 NM	W-602	449 NM	W-161A,B/W-177A,B	450 NM
W-497B	450 NM	W-157C	461 NM	W-174D	471 NM
W-465 A,B,C,	503 NM	W-122J	526 NM	W-122I	530 NM
W-228C	539 NM	W-228 A,B,C,D	549 NM	W-122 D	571 NM
W-122 E	571 NM	W-122 A,B,C,D,E,F,G,H,I,	580 NM	W-228D	581 NM
W-122F	582 NM	W-122G	593 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
EGLIN C52	20 NM	EGLIN C62	27 NM	SHELBY EAST	125 NM
SHELBY WEST	129 NM	GRAND BAY	186 NM	PINECASTLE	270 NM
TOWNSEND	271 NM	AVON PARK BRAVO/FO	326 NM	CLAIBORNE	326 NM
AVON PARK CHARLIE/E	334 NM	POINSETT	375 NM	RAZORBACK	472 NM
CANNON	512 NM	JEFFERSON PROVING G	518 NM	ATTERBURY	532 NM
CHERRY POINT BT-11	584 NM	USAF DARE COUNTY	628 NM	NAVY DARE COUNTY	631 NM
McMULLEN	645 NM	FALCON	658 NM	SMOKEY HILL	741 NM
INDIANTOWN GAP	774 NM				

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

SHELBY EAST	125 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

GULFPORT MDS	101 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

EGLIN C52	20 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	8	13	15	48	78	117
SR	4	13	13	30	59	127
VR	8	18	23	59	104	171
Total Routes:	20	44	51	137	241	415

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Identify Routes:

IR-030 21 NM	IR-031 21 NM	IR-057 24 NM	SR-103 24 NM	SR-101 24 NM	IR-059 24 NM
SR-104 24 NM	SR-106 24 NM	IR-021 25 NM	VR-1082 36 NM	VR-1084 36 NM	VR-1085 36 NM
VR-1020 76 NM	IR-038 81 NM	IR-040 84 NM	VR-1021 84 NM	VR-1023 84 NM	VR-1024 84 NM
IR-037 86 NM	VR-1070 100 NM				
SR-029 101 NM	VR-060 102 NM	VR-1022 104 NM	VR-1005 110 NM	VR-1083 110 NM	IR-017 118 NM
VR-1017 118 NM	SR-031 124 NM	VR-1030 128 NM	SR-069 129 NM	SR-070 129 NM	SR-072 129 NM
SR-071 129 NM	VR-1056 131 NM	IR-041 132 NM	IR-063 132 NM	VR-1067 132 NM	SR-039 135 NM
IR-015 141 NM	VR-179 142 NM	SR-038 144 NM	SR-030 148 NM	IR-032 150 NM	VR-1065 150 NM
VR-1033 166 NM	VR-1054 167 NM	VR-1031 171 NM	IR-044 182 NM	IR-016 187 NM	VR-1014 197 NM
VR-1066 198 NM					
IR-077 201 NM	VR-094 201 NM	VR-1072 202 NM	IR-066 211 NM	VR-1051 211 NM	VR-1050 211 NM
IR-067 211 NM	IR-069 213 NM	SR-137 218 NM	IR-019 221 NM	IR-046 221 NM	IR-091 224 NM
VR-1008 227 NM	SR-035 235 NM	SR-036 235 NM	SR-037 235 NM	SR-040 235 NM	VR-1002 240 NM
VR-1010 241 NM	VR-1097 241 NM	IR-070 246 NM	VR-1032 246 NM	VR-1001 249 NM	VR-1006 249 NM
VR-1007 249 NM	IR-089 252 NM	VR-1004 258 NM	VR-1052 261 NM	IR-020 262 NM	VR-1039 265 NM
VR-1016 267 NM	IR-068 268 NM	IR-023 271 NM	VR-092 272 NM	IR-047 275 NM	VR-1049 279 NM
VR-1196 285 NM	IR-049 287 NM	VR-1098 287 NM	IR-051 287 NM	IR-050 287 NM	SR-102 291 NM
VR-1011 295 NM	IR-033 296 NM	VR-1009 296 NM	VR-1003 299 NM	IR-042 301 NM	VR-1068 301 NM
IR-160 306 NM	IR-161 306 NM	IR-083 307 NM	SR-075 307 NM	IR-078 317 NM	IR-018 322 NM
IR-048 324 NM	SR-073 324 NM	SR-074 324 NM	IR-090 325 NM	SR-238 325 NM	VR-058 327 NM
VR-1059 332 NM	SR-166 334 NM	SR-105 337 NM	VR-095 339 NM	VR-1055 340 NM	VR-097 341 NM
IR-036 344 NM	VR-1041 344 NM	IR-055 348 NM	IR-002 354 NM	IR-075 357 NM	IR-079 363 NM
IR-080 363 NM	IR-074 366 NM	VR-088 373 NM	VR-1087 377 NM	VR-1088 377 NM	IR-121 379 NM
VR-1103 379 NM	VR-1089 382 NM	SR-059 390 NM	SR-060 390 NM	SR-062 390 NM	SR-061 390 NM
SR-225 391 NM	VR-106 394 NM				
IR-081 402 NM	IR-174 402 NM	IR-157 402 NM	SR-218 409 NM	SR-219 409 NM	SR-222 409 NM
SR-221 409 NM	SR-220 409 NM	SR-226 409 NM	SR-229 409 NM	SR-231 409 NM	SR-230 409 NM
SR-237 409 NM	SR-232 409 NM	SR-227 409 NM	VR-087 417 NM	VR-1013 422 NM	IR-082 433 NM
IR-034 435 NM	IR-056 435 NM	IR-120 444 NM	VR-1102 444 NM	SR-239 457 NM	IR-127 458 NM
VR-187 458 NM	IR-022 459 NM	VR-1060 459 NM	IR-053 463 NM	VR-093 464 NM	IR-592 465 NM
IR-164 467 NM	VR-1104 467 NM	VR-1040 471 NM	IR-743 474 NM	VR-1743 474 NM	IR-035 475 NM
VR-1069 475 NM	SR-223 478 NM	SR-224 478 NM	IR-726 480 NM	VR-1726 480 NM	VR-189 480 NM
IR-012 486 NM	VR-1074 489 NM	VR-1182 489 NM	VR-188 489 NM	SR-228 502 NM	IR-129 512 NM
VR-1721 517 NM	VR-151 518 NM	VR-1668 518 NM	VR-085 525 NM	VR-086 525 NM	IR-721 530 NM

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VR-1679 530 NM	VR-1667 530 NM	IR-618 531 NM	SR-290 531 NM	VR-619 531 NM	SR-292 531 NM
SR-871 536 NM	SR-874 536 NM	SR-873 536 NM	SR-872 536 NM	VR-1546 538 NM	VR-1130 540 NM
IR-142 544 NM	VR-1046 547 NM	VR-615 548 NM	VR-1043 554 NM	SR-270 555 NM	VR-1120 560 NM
IR-136 562 NM	IR-723 563 NM	VR-096 563 NM	VR-073 563 NM	VR-1124 569 NM	IR-762 573 NM
VR-1756 573 NM	SR-261 574 NM	VR-1722 577 NM	VR-1631 578 NM	IR-761 579 NM	VR-1751 579 NM
IR-608 580 NM	VR-1061 580 NM	VR-1632 582 NM	VR-1633 582 NM	SR-734 586 NM	SR-732 587 NM
SR-735 587 NM	IR-614 588 NM	VR-1635 588 NM	IR-062 591 NM	SR-733 591 NM	VR-104 592 NM
VR-1642 592 NM	VR-1641 592 NM	IR-166 595 NM	VR-1110 595 NM	IR-502 596 NM	IR-504 596 NM
VR-1122 597 NM	SR-286 599 NM				
SR-738 601 NM	IR-117 603 NM	VR-1113 603 NM	VR-1128 603 NM	SR-737 603 NM	VR-1137 603 NM
IR-167 604 NM	SR-293 604 NM	IR-105 605 NM	IR-103 606 NM	VR-168 609 NM	VR-1146 612 NM
VR-143 612 NM	VR-1752 612 NM	IR-123 613 NM	IR-148 614 NM	IR-139 616 NM	IR-718 616 NM
IR-715 616 NM	IR-147 616 NM	VR-1058 617 NM	VR-152 617 NM	VR-1145 617 NM	SR-296 619 NM
VR-1139 621 NM	VR-1525 621 NM	VR-158 623 NM	IR-719 624 NM	VR-101 624 NM	VR-162 626 NM
IR-135 628 NM	VR-1640 628 NM	IR-720 630 NM	VR-156 630 NM	VR-1152 630 NM	VR-1105 630 NM
IR-527 631 NM	VR-118 631 NM	VR-163 631 NM	VR-1143 631 NM	SR-707 633 NM	SR-708 633 NM
SR-713 633 NM	SR-714 633 NM	SR-711 633 NM	SR-710 633 NM	SR-867 639 NM	VR-1758 640 NM
SR-709 641 NM	SR-712 641 NM	VR-1121 641 NM	VR-1057 641 NM	SR-715 641 NM	VR-1759 642 NM
VR-1106 643 NM	VR-1138 645 NM	VR-1123 646 NM	SR-294 649 NM	SR-295 649 NM	VR-159 650 NM
IR-149 655 NM	VR-1142 656 NM	VR-1144 656 NM	VR-119 659 NM	VR-1617 661 NM	VR-1638 661 NM
VR-534 663 NM	VR-535 663 NM	VR-533 664 NM	SR-815 666 NM	SR-822 666 NM	SR-816 666 NM
IR-145 667 NM	IR-146 667 NM	VR-138 669 NM	IR-714 674 NM	VR-1140 674 NM	VR-1754 674 NM
IR-760 674 NM	IR-171 677 NM	IR-182 677 NM	IR-124 679 NM	SR-835 679 NM	VR-186 679 NM
SR-821 679 NM	SR-820 679 NM	SR-616 680 NM	SR-617 680 NM	VR-1753 681 NM	VR-1755 681 NM
SR-802 690 NM	SR-803 690 NM	SR-804 690 NM	SR-807 690 NM	SR-806 690 NM	SR-808 690 NM
IR-181 691 NM	IR-183 691 NM	SR-205 693 NM	SR-233 696 NM	SR-236 696 NM	SR-242 696 NM
SR-240 696 NM	SR-273 696 NM	SR-267 696 NM	SR-258 696 NM	SR-255 696 NM	SR-251 696 NM
SR-250 696 NM	SR-249 696 NM	SR-245 696 NM	SR-244 696 NM	SR-243 696 NM	SR-234 696 NM
IR-175 697 NM	SR-817 699 NM	IR-185 700 NM	SR-618 700 NM	VR-532 700 NM	SR-619 700 NM
SR-208 702 NM	SR-217 702 NM	SR-774 702 NM	VR-1141 708 NM	SR-818 709 NM	VR-1711 711 NM
VR-1713 711 NM	VR-1712 711 NM	VR-531 711 NM	VR-1709 716 NM	SR-280 721 NM	VR-708 722 NM
SR-773 729 NM	SR-206 730 NM	VR-1757 731 NM	VR-511 738 NM	VR-704 738 NM	VR-705 738 NM
VR-544 740 NM	IR-169 742 NM	VR-541 747 NM	IR-180 748 NM	VR-1116 749 NM	VR-552 750 NM
SR-216 753 NM	IR-128 759 NM	IR-154 761 NM	IR-155 761 NM	IR-170 762 NM	SR-701 762 NM
SR-703 762 NM	VR-512 762 NM	IR-716 766 NM	SR-702 766 NM	SR-771 767 NM	SR-800 770 NM
SR-801 770 NM	SR-805 770 NM	SR-844 774 NM	SR-845 774 NM	SR-846 774 NM	VR-1117 775 NM

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IR-505 777 NM	IR-172 786 NM	VR-545 786 NM	IR-173 786 NM	IR-503 788 NM	VR-1624 792 NM
VR-1625 792 NM	IR-506 795 NM	VR-1522 795 NM	VR-536 796 NM	IR-524 798 NM	SR-823 798 NM

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1066 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
4	14	39

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-200	104 NM	AR-627	178 NM	AR-103	182 NM	AR-302 WEST	188 NM
AR-302 EAST	204 NM	AR-646	211 NM	AR-101 NORTH	220 NM	AR-655	224 NM
AR-615	230 NM	AR-108 WEST	238 NM	AR-216 NORTHEAST	238 NM	AR-716	246 NM
AR-101 SOUTH	289 NM	AR-108 EAST	296 NM				
AR-618	316 NM	AR-620	324 NM	AR-207NE NORTHEA	336 NM	AR-203 NORTHEAST	346 NM
AR-216 SOUTHWEST	359 NM	AR-633B	364 NM	AR-633A	381 NM	Raccoon MOA	393 NM
AR-111 WEST	404 NM	AR-600	410 NM	AR-601	413 NM	AR-315 WEST	417 NM
AR-111 EAST	422 NM	AR-315 EAST	427 NM	AR-203 SOUTHWEST	432 NM	AR-313 NORTH	442 NM
AR-207SW SOUTHW	447 NM	AR-328	447 NM	AR-455 EAST	448 NM	AR-202AN ALTERNA	458 NM
AR-202N NORTH	460 NM	AR-617	462 NM	AR-455 WEST	468 NM	AR-202S SOUTH	471 NM
AR-638	471 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
3593	5363

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-302	188 NM	445	AR-101	220 NM	217	AR-108	238 NM	140	AR-216	238 NM	64
AR-203	346 NM	223	Raccoon	393 NM	1829	AR-111	404 NM	303	AR-455	448 NM	372
AR-112	504 NM	360	AR-110	508 NM	596	AR-102	574 NM	10	AR-016	616 NM	157

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 393NM from the base."

I.2.C.10d Percentage of tanker demand in region: 27.0
Percentage of tankers based in region: 9.0

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Tanker saturation within the region has been classified as tanker Poor

I.2.C.11

Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	SR
BIFF	56 NM	✓	✓		0	0
BILL BAG	58 NM	✓	✓		0	0
BRAVO	326 NM	✓	✓	✓	6	0
BRUSHY	325 NM	✓	✓	✓	0	0
BURMA SPECIAL N	13 NM				3	4
BURMA SPECIAL S	13 NM				3	4
CAVALIER NORTH	13 NM	✓	✓	✓	3	4
CAVALIER SOUTH	13 NM	✓	✓		3	4
CLERKIN	47 NM	✓	✓		0	0
ECHO CHARLIE	333 NM	✓	✓	✓	10	0
ELIZABETH WEST	8 NM	✓	✓	✓	3	4
FRYAR	142 NM	✓	✓	✓	4	6
GALLAHAD #1	283 NM				0	1
GERONIMO NORTH	326 NM		✓	✓	0	0
GERONIMO SOUTH	326 NM		✓	✓	0	0
GRAHAM	202 NM	✓	✓	✓	4	6
HARD LUCK	326 NM	✓	✓		8	0
HUNTER	300 NM		✓		0	0
JONES	255 NM	✓	✓	✓	6	0
KAREN	327 NM	✓	✓	✓	8	0
LOWRY LAKE	246 NM	✓	✓		2	0
MALTON	61 NM	✓	✓		0	0
MCKENNA	151 NM	✓	✓	✓	4	6
MITCHELL	116 NM	✓	✓	✓	0	0
NORTHFIELD E-W	343 NM	✓	✓	✓	2	1
NORTHFIELD S-N	343 NM	✓	✓	✓	0	0
OSCAR NOVEMBER	330 NM	✓	✓	✓	8	0
OSCAR QUEBEC	328 NM	✓	✓	✓	8	0
OSCAR QUEBEC REV	327 NM	✓	✓	✓	6	0
PAYNE	222 NM	✓	✓		0	0
PRESTON	288 NM		✓	✓	0	0

UNCLASSIFIED

UNCLASSIFIED

15-Feb-95

1.08

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QUICK	271 NM	✓			0	0
REMAGEN	270 NM	✓	✓	✓	1	1
REMAGEN REVERSE	270 NM	✓	✓		1	1
RIM	327 NM	✓	✓	✓	8	0
SANDY DOG	13 NM	✓	✓	✓	3	4
SHARON	322 NM	✓	✓	✓	0	0
SHAW, JOHN	324 NM	✓	✓		0	0
SHEILA	323 NM		✓	✓	0	0
SHELBY	132 NM	✓	✓	✓	0	3
SOUTH POLK	337 NM	✓	✓	✓	0	0
TAYLORS CREEK	271 NM	✓	✓	✓	1	1
THUNDERBOLT	300 NM	✓	✓		0	0
WHITE FALCON	15 NM	✓	✓		3	4

I.2.C.11.a

Drop Zone**Servicing Instrument and Slow Routes (IRs and SRs)**

BRAVO	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
BURMA SPECIAL N	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
BURMA SPECIAL S	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
CAVALIER NORTH	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
CAVALIER SOUTH	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
ECHO CHARLIE	IR-034	IR-036	IR-037	IR-038	IR-046	IR-047	IR-049	IR-050	IR-055
	IR-056								
ELIZABETH WEST	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
FRYAR	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
GALLAHAD #1	SR-038								
GRAHAM	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
HARD LUCK	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
JONES	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
KAREN	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
LOWRY LAKE	IR-032	IR-033							
MCKENNA	IR-077	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
	SR-072								
NORTHFIELD E-W	IR-035	IR-036	SR-166						
OSCAR NOVEMBER	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
OSCAR QUEBEC	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	

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OSCAR QUEBEC REV	IR-034	IR-046	IR-047	IR-048	IR-049	IR-055			
REMAGEN	IR-023	SR-038							
REMAGEN REVERSE	IR-023	SR-038							
RIM	IR-034	IR-046	IR-047	IR-048	IR-049	IR-050	IR-055	IR-056	
SANDY DOG	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
SHELBY	SR-029	SR-030	SR-031						
TAYLORS CREEK	IR-023	SR-038							
WHITE FALCON	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

AUX FLD 6

13 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ELIZABETH WEST	8 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT STEWART

277 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base**I.2.E.1 Airspaces scheduled or managed by the base:**

Hurlburt Field LATN	Other
IR-057	Other
IR-059	Other
SR 102	Other
SR-101	Other
SR-103	Other
SR-104	Other
SR-105	Other
SR-106	Other

Details for airspace scheduled or managed by the base:**Airspace: Hurlburt Field LATN****I.2.E.2 An environmental analysis has been conducted for this airspace.****I.2.E.2.a Status of the environmental analysis and supplement:**

Environmental assessments were prepared for all mission and low-altitude, low-speed training routes in December 1978. Supplement was prepared in July 1983.

I.2.E.2.b There are problems No associated with the environmental analysis.**I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

There is no lack of reports.

I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:**I.2.E.3.a 30-56.4N 86-30.0W****I.2.E.3.b No affect on or threat to the quality of training or the mission.****I.2.E.3.a 31-01.2N 86-37.0W****I.2.E.3.b No affect on or threat to the quality of training or the mission.**

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- I.2.E.3.a 31.01.8N 86-36.5W
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.3.a 35-41.0N 84-32.0W
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6 There are No restrictions currently acting on this airspace
- I.2.E.7 Published availability of the airspace:
24 hrs a day
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled: 387 hrs
I.2.E.7.b Hours used: 377 hrs
I.2.E.7.c Reasons for non-use:
Inclement weather or maintenance delays
- I.2.E.8 Utilization of the airspace can Not be increased.
I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10 Description of the volume or area of the Airspace:
36,000 sq miles
- I.2.E.11 92.00 percent of the airspace is usable.
Airspace: IR-057
- I.2.E.2 An environmental analysis has been conducted for this airspace.
I.2.E.2.a Status of the environmental analysis and supplement:
Environmental assessments were prepared for all mission and low-altitude, low-speed training routes in December 1978. Supplement was prepared July 1983.

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- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 There is no lack of reports
- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.3.a** 30-56.4N 86-30.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 31-01.8N 86-36.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
 24 hrs per day
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 44 hrs
- I.2.E.7.b** Hours used: 44 hrs
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:

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1,474 miles

- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: IR-059
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Environmental assessments were prepared for all mission and low-altitude, low-speed training routes in December 1978. Supplement was prepared in July 1983.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
There is no lack of reports.
- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.3.a** 30.56.4N 86.30.0W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** 31.01.8N 86-36.5W
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
24 hrs per day
Range scheduling statistics (yearly average from 1990 to 93).

Document Separator

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VIII.4.C.1 Nature of the contamination: Fecal Coliform & Surface Rain

VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A There any No National Pollutant Elimination System permits in effect.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:
There is no treated wastewater discharged from the base; untreated water is discharged off base, then treated at the Biloxi Regional Wastewater Treatment Plant.

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 90.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 1 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1 Natural areas on or adjacent to the base are generally recognized as important ecological sites.
Wetlands next to Biloxi Back Bay
- VIII.8.B No critical/sensitive habitats have been identified on base .
- VIII.8.C The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

- VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom			Threatened	Remarks
	Animal	Federa	Listed		
Alligator	Animal	Federa	Listed	Threatened	
Least Tern	Animal	Federa	Listed	Threatened	

- VIII.9.B There are No Special Concern species identified on the base.
- VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

- VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1 Identification and type of wetland: Approximate acreage:

Saltmarsh fringe along Biloxi Back Bay Shore	30
--	----
- VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1 Survey was completed in Oct 90
- VIII.10.B.2 90 percent of the base was included in the survey.

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- VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):**
Corps of Engineers Delineation Manual
- VIII.10.C Part of the base is located in a 100-year floodplain.**
- VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.**

11. Biological - Floodplains

- VIII.11.A Floodplains are present on the base.**
- VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.**
- VIII.11.A.2 Periodic flooding does Not constrain base operations.**

12. Cultural

- VIII.12.A No historic, prehistoric, archaeological sites or other cultural resources are located on the base.**
- VIII.12.B 17 percent of the buildings on base are over 50 years old.**
- VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.**
- VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.**
- VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.**
- VIII.12.D The base has Not been archeologically surveyed.**
- VIII.12.D.1 Not Applicable.**
- VIII.12.D.2 No archeological sites have been found.**
- VIII.12.D.3 No archeological collections are housed on base.**
- VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.**
- VIII.12.E The base has no agreements with historic preservation agencies.**
Agreements include Programmatic Agreements and Memorandum of Agreements.
Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 24 IRP sites have been identified

VIII.13.A.2 2 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1996

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 36 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Asbestos	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Hazardous Waste Disposal/Remediation	\$65.000 K	\$65.000 K	\$65.000 K	\$75.000 K	\$85.000 K
IRP	\$3,333,140.000 K	\$4,559.000 K	\$1,202.000 K	\$15.000 K	\$21.000 K
Lead Paint	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Natural Resources	\$10.000 K	\$40.000 K	\$40.000 K	\$50.000 K	\$50.000 K
Permits	\$2.000 K	\$7.000 K	\$8.000 K	\$8.000 K	\$9.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

- VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:**
Mobile, AL-Pensacola, Panama City, FL-Southern MS Interstate Air Quality Control Region
- VIII.16.B Air quality regulatory agency responsible for the AQCA:.** Mississippi Department of Environmental Quality, Bureau of Pollution Control
- VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:**
Mr Elliot Vickerstaff (601)961-5176
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:
- | | |
|---|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Non-Classifiable for Lead |
- VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT**
- VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located:** 0.00 ppm
- VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located:** 0.0 ppm
- VIII.16.D.3 Ozone Design value is 0.0% of NAAQS**
- VIII.16.D.4 Carbon monoxide Design value is 0.0% of NAAQS**

Air Quality Survey complete, No additional data required.

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Section IX

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		3400	11.40 \$sK	0.00 \$sK	11.40 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	29.50 \$sK	2.00 \$sK		31.50 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	2.60 \$sK	2.00 \$sK			4.60 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx90 TOTALS:			11.40 \$sK	31.50 \$sK	4.60 \$sK	0.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	887.30 \$sK	13.10 \$sK	900.40 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	703.80 \$sK	30.30 \$sK		734.10 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	594.90 \$sK	15.90 \$sK			610.80 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	589.30 \$sK	36.70 \$sK				626.00 \$sK
		xxx95 TOTALS:			900.40 \$sK	734.10 \$sK	610.80 \$sK	626.00 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	11,976.90 \$sK	86.20 \$sK	12,063.10 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	9,642.80 \$sK	222.50 \$sK		9,865.30 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	18,226.50 \$sK	974.40 \$sK			19,200.90 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	17,151.80 \$sK	753.40 \$sK				17,905.20 \$sK
		xxx96 TOTALS:			12,063.10 \$sK	9,865.30 \$sK	19,200.90 \$sK	17,905.20 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		7045	7,509.10 \$sK	68.90 \$sK	7,578.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		7045	6,975.60 \$sK	64.00 \$sK		7,039.60 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		7045	10,744.10 \$sK	67.10 \$sK			10,811.20 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				

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7045	4,515.30 \$sK	69.00 \$sK				4,584.30 \$sK
MFH TOTALS:			7,578.00 \$sK	7,039.60 \$sK	10,811.20 \$sK	4,584.30 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 14,370.00 K

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Section IV/V Level Playingfield COBRA Data

14-Feb-95

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IVV.37

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Section VI Economic Impact

Economic Area Statistics:

Unemployment Rates (FY93/3 Year Average/10 Year Average)

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Projected economic impact:

Direct Job Loss:

Indirect Job Loss: _____

Closure Impact:

Other BRAC Losses: _____

Cumulative Impact:

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is NOT affordable
- VII.1.A.2 Units are NOT available for families
- VII.1.A.2 Units are NOT available for single members.
- VII.1.A.3 9.5 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$630

Describe the transportation systems.

- VII.1.B.1 The base is served by REGULARLY SCHEDULED, public transportation. The following services are available:
Bus (Coast Area Transit Authority)
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 18 miles
- VII.1.B.2 Airport name: Biloxi/Gulfport Regional Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 4
- VII.1.B.4 Average round trip commuting time to work: 37 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time
VII.1.C.1 Swimming pool	Natatorium	2	0 Hrs. 05 Min.
VII.1.C.2 Movie theater	Surfside Cinema	3	0 Hrs. 07 Min.
VII.1.C.3 Public golf course	Edgewater Bay	4	0 Hrs. 10 Min.
VII.1.C.4 Bowling lane	Gulf Park Lanes	10	0 Hrs. 20 Min.
VII.1.C.5 Boating	Biloxi Small Craft Harbor	5	0 Hrs. 10 Min.
VII.1.C.6 Fishing	Biloxi Small Craft Harbor	5	0 Hrs. 10 Min.
VII.1.C.7 Zoo	Audubon Zoo	90	1 Hrs. 30 Min.
VII.1.C.8 Aquarium	Gulfport Marine Life	11	0 Hrs. 20 Min.
VII.1.C.9 Family theme park	Wet Willie's	11	Hrs. 15 Min.
VII.1.C.10 Professional sports	New Orleans Superdome	90	1 Hrs. 30 Min.
VII.1.C.11 Collegiate sports	University of Southern Alabama	63	1 Hrs. 00 Min.

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VII.1.C.12	Camping facilities	Sand Beach Campground	5	0 Hrs.	10 Min.
VII.1.C.13	Beaches (lake or ocean)	Mississippi Beach Biloxi	1	0 Hrs.	02 Min.
VII.1.C.14	Outdoor winter sports	Gatlinburg TN	485	8 Hrs.	00 Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Wal-Mart, Biloxi 0 hrs 15 min (5 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

New Orleans LA 1 hrs 30 min (90 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 954

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 8035

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 33 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 60.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Mississippi Gulf Coast Community College

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

MS Gulf Coast Community, Wm Carey, & USM

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

William Carey & University of Southern MS (USM)

3. Spousal Employment

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- VII.3.A 70.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 83.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 5.1 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 11.2 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 1.6 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 4.4 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

- VIII.1.A** Air Quality Management District for the base: Southern MS Interstate Air Quality Control Region
- VIII.1.B** The base is NOT located within a maintenance or non-attainment area for pollutants.
- VIII.1.C** There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)
- VIII.1.D** On- or off-base activities have NOT been restricted or delayed due to air quality considerations.
(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)
- VIII.1.D.1** The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)
- VIII.1.E** Restrictions placed on operations by state or local air quality regulatory agencies:
- VIII.E.1** Aerospace Ground Equipment (AGE):
- E.1.a** No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.
 - E.1.b** No state or local air quality regulatory agency Requires permits for such units.
 - E.1.c** No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.
 - E.1.d** No state or local air quality regulatory agency Requires retrofit controls for AGE.
- VIII.E.2** Infrastructure Maintenance / Public Works
- E.2.a** No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).
 - E.2.b** No state or local air quality regulatory agency Limits the hours of these activities.
 - E.2.c** No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.
 - E.2.d** No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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Graham Ferry Formation (12 wells)

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is Not known to be contaminated.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 12 water wells exist at the base.

VIII.3.D 2 wells have been abandoned for the following reasons:

Abandoned over 22 years--reason unknown.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

	Location	Surface area size
VIII.4.A.1	Golf Course Lake	0.18 Acres

VIII.4.A.2 These bodies do Not receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

Wetlands Permits

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

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2. Airfield Characteristics

II.2 Runway Table: (21)

Primary Designation	Dimensions:			Cross Runway	Aircraft Arresting Systems (II.2.1) Number Types
	Length	Width	No		
21 Primary	6632 ft	150 ft	No	None	

II.2.A There are 1 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are NO parallel runways.

II.2.C Dimensions of the primary runway (21):

II.2.C.1 Length: 6,632 ft

II.2.C.2 Width: 150 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCEA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCEA Pavement Evaluation Report was used to complete this section.

Aircraft Group	Criteria	Primary Pavements		
		Runways	Taxiways	Aprons
Fighter F-15	61 Kips	300,000 Passes	Upgrade Needed	Upgrade Needed
Fighter F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now
Bomber B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed
Bomber B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed
Tanker KC-135R	320 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed
Tanker KC-10	550 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed
Airlift C-5B	800 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed
Airlift C-141	325 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed

Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	Unit of Measure	Quantity	Description of Work
B-1B	SY	(9.a)	31,944	R' const 6" sibi BC, 17.5" PCC
B-1B	SY	(9.b)	60,250	R' const 20.5" BC, 5" ACC
Aprons	B-1B	SY	45,222	PCC overlay 10.5"

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Taxiway	B-52	SY	31,944	R' const 6" stbl BC, 18.5" PCC
Runway	B-52	SY	60,250	R' const 20" BC, 5" ACC
Aprons	B-52	SY	45,222	PCC overlay 12.5"
Runway	C-141	SY	60,250	R' const 17" BC, 4" ACC
Taxiway	C-141	SY	31,944	R' const 6" stbl BC, 14.5" PCC
Aprons	C-141	SY	45,222	PCC Overlay 7"
Aprons	C-5B	SY	79,499	PCC overlay 6"
Runway	C-5B	SY	60,250	R' const 15" BC, 4" ACC
Taxiway	C-5B	SY	31,944	R' const 6" stbl BC, 12.5" PCC
Taxiway	F-15	SY	31,944	PCC r'const 6" stbl BC, 10.5" PCC
Runway	F-15	SY	60,250	10.5" base, 4" surface ACC r'const
Aprons	F-15	SY	66,055	6" concrete overlay
Taxiway	KC-10	SY	31,944	R' const 6" stbl BC, 13" PCC
Runway	KC-10	SY	60,250	R' const 16.5" BC, 4" ACC
Aprons	KC-10	SY	79,499	PCC overlay 6"
Aprons	KC-135R	SY	79,499	PCC overlay 6"
Taxiway	KC-135R	SY	31,944	R' const 6" stbl BC, 13.5" PCC
Runway	KC-135R	SY	60,250	R' const 16" BC, 4" ACC

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 199,128 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions		CURRENT USE DATA. (Type of Aircraft and which of the	
	(Equivalent Rectangle)		permanently assigned aircraft use the area.)	
Apron #1	1,900 ft	400 ft	Primary Aircraft	Acft Parking-WC130E
Apron #2	520 ft	254 ft	Primary Aircraft	Acft Parking-C12,C21
Apron #3	2,108 ft	400 ft	Primary Aircraft	Acft Parking-Eng Run
Hangar Aprons	325 ft	175 ft	Neither	AGE Storge, Veh Park

II.2.G.2 Permanently assigned aircraft currently require 143,665 Sq Yds of parking space.

II.2.G.3 58,029 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

Limiting factors are: Minimal amount of available apron space; some encroachment onto existing acft parking space by other uses, particularly behind Hangars 1 and 2.

II.2.H The dimensions of the (largest) transient parking area:

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- II.2.I** **Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)**
- II.2.J** **Critical features relative to the airfield pavement system that limit its capacity:**
 Review of the base airfield waiver file shows no restrictions to airfield operations.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	7.215 MG/D	MG/D - million gallons per day	43 %
II.3.A.2 Sewage:	4.0 MG/D		63 %
II.3.A.3 Electrical distribution:	57.0 MW	MW - million watts	56 %
II.3.A.4 Natural Gas:	7.536 MCF/D	MCF/D - million cubic feet per day	19 %
II.3.A.5 High temperature water/steam generation/distribution:	92.0 MBTUH	MBTUH - million British thermal units per hour	34 %

II.3.B Characteristics regarding the utility system that should be considered:

All service contracts are without "take or pay" clauses, natural gas is purchased through DFSC central office, no electrical power is purchased from Federal Power Marketing Administrations, cathodic protection on water storage tanks not water lines,

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 4204 Hanger
Current Use: C-12/21 msn in Jul 94, maint hgr space

II.4.A.2 Size (SF): 40,000 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-12/21

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	120 ft	28 ft	
II.4.A.6 Largest unobstructed space inside the facility:	100 ft	28 ft	60 ft

II.4.A.1 Facility number: 4205 Hanger
Current Use: Acft Mnt, Avcs, Ofc Sp, Strge; C-130 w/o tail

II.4.A.2 Size (SF): 103,565 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	139 ft	28 ft	
II.4.A.6 Largest unobstructed space inside the facility:	100 ft	28 ft	60 ft

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II.4.A.1 Facility number: 4253 Nose Dock
 Current Use: Acft maint nose dock; C-130 w/o tail

II.4.A.2 Size (SF): 16,800 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:		Width	Height	Length
II.4.A.5 Door Opening:		152 ft	28 ft	
II.4.A.6 Largest unobstructed space inside the facility:		130 ft	28 ft	70 ft

II.4.A.1 Facility number: 4254 Nose Dock
 Current Use: Acft maint; fuel cell; C-130 w/o tail

II.4.A.2 Size (SF): 16,800 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:		Width	Height	Length
II.4.A.5 Door Opening:		152 ft	28 ft	
II.4.A.6 Largest unobstructed space inside the facility:		130 ft	28 ft	70 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
AFMC Maint Fac (bldg 7704)	15,300 SF	217-742	Maintenance check out facility
AN/TRC-170 (Bldg 6902)	170,184 SF	171-621	AN/TRC-170 and base intrusion security system training
AN/TSQ-111 Comm nodal Cntl Sim	170,184 SF	171-621	AN/TSQ communications nodal control element (CNCE) simulator (Bldg 4227)
ATC & Auto trk Radar (4202)	103,886 SF	171-625	Air traffic control and automatic tracking radar system
Air Traffic Control Sim (4201)	103,886 SF	171-625	High bay air traffic control simulator
Airborne Cmd post Tng (4116)	170,184 SF	171-621	Airborne command post AFSATCOM training
Airborne Warn & cntl sim(6918)	170,184 SF	171-621	Airborne warning and control system (AWACS) simulators (3 systems)
Bldg 1002	170,184 SF	171621	Secured Compartmental Info Facility area for National Security Agency training
CRITICOM (Bldg 6901)	170,184 SF	171-621	USAF/USMC training, CRITICOM training for NSA
Calib/Met Tng (Bldg 4330)	170,184 SF	171-621	Calibration/metrology training space systems training base command post operations, and disaster preparation
Elec Cntrmeasures trner (6903)	170,184 SF	171-621	Electronic countermeasures trainers

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Med Genetic clinic	6,808 SF	510-411	Medical genetics clinic is unique to the AF medical service
NEXRAD(bldg 4203)	103,886 SF	171-265	Next generation Weather Radar
Navy WX Tng (bldg 4331)	170,184 SF	171-621	Navy weather training
WSM Simulator (bldg 4108)	5,000 SF	171-621	Worldwide Airborne Command Post System mock-up (WSM)
WX mg (Bldg 4332)	85,300 SF	171-621	Weather training facility
Wall studio (bldg 0902)	24,720 SF	141-389	Instructional television production facility w/interactive video disc premastering capability

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A

Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
03	CZ	0	0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
21	CZ	0	41	0.0	0.0	0.0	0.0	0.0	0.0	71.0	0.0
03	APZ 1	3,844	345	43.0	37.0	11.0	0.0	0.0	0.0	27.0	0.0
21	APZ 1	299	345	4.0	4.0	0.0	0.0	0.0	0.0	6.0	0.0
03	APZ 2	2	482	0.0	0.0	1.0	0.0	0.0	0.0	0.0	0.0
21	APZ 2	1,540	482	30.0	23.0	12.0	0.0	0.0	0.0	2.0	0.0

PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES

II.6.B

Percent future off base incompatible land use:

DNL Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
65-70	1,169	447	15	15.0	3.0	0.0	0.0	1.0	0.0	81.0
70-75	663	122	31	31.0	13.0	0.0	0.0	0.0	0.0	56.0
75-80	3	13	8	8.0	0.0	0.0	0.0	6.0	0.0	86.0
80+	0	1	0	0.0	0.0	0.0	0.0	9.0	0.0	91.0

PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES

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11.25

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
03	CZ	0	0	0.0	0.0	0.0	0.0	0.0	0.0	100.0	0.0
21	CZ	0	41	0.0	0.0	0.0	0.0	0.0	0.0	71.0	0.0
03	APZ 1	3,844	345	43	37.0	11.0	0.0	0.0	0.0	27.0	0.0
21	APZ 1	299	345	4	4.0	0.0	0.0	0.0	0.0	6.0	0.0

PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES

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II.6.B.3	03	APZ 2	2	482	0	Gen Compat	0.0	1.0	0.0	0.0	0.0	99.0
	21	APZ 2	1,540	482	30	Sig Incompat	23.0	12.0	0.0	2.0	0.0	63.0
	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPENAG/LOW DEN	
II.6.B.4	65-70	1,169	447	15	Sig Incompat	15.0	3.0	0.0	1.0	0.0	81.0	
II.6.B.5	70-75	663	122	31	Sig Incompat	31.0	13.0	0.0	0.0	0.0	56.0	
II.6.B.6	75-80	3	13	8	Incompat	8.0	0.0	0.0	6.0	0.0	86.0	
II.6.B.7	80+	0	1	0	Gen Compat	0.0	0.0	0.0	9.0	0.0	91.0	

II.6.C There is No publicly released AICUZ study.

II.6.D Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft
 Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft
 Current AICUZ study's flight track figure/map does Not reflect current flight tracks.

Explanation of areas where the current AICUZ study does not reflect the current situation:

Keesler has no publicly released AICUZ study/amendment.. Keesler AICUZ operational data was last validated in the 30 Jun 93 AICUZ report compiled as a result of the C-12/21 beddown. Report info still valid.

II.6.E The AICUZ study was last updated on Jun 93

The study is no longer valid. Milestones for updateing the study:

II.6.E.1 Expect completed AICUZ in October 1995

II.6.F Local governments have Not incorporated AICUZ recommendations into land use controls

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

Significant development is projected for one or more AICUZ zone.

Summary of existing, started, announced, or anticipated development:

Areas Impacted	Type of Development	Status	Projected Completion	Jurisdiction	Other details and size of the development
APZ 1	Commercial	Planned	Dec 95	Biloxi MS	Some anticipated gaming development could alter land uses off base. Size and date of development is unknown.

Long range (20 year) development trends in the 7 AICUZ zones:

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II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
BILOXI	44053	48486	49311	46319	55000

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Biloxi-Gulfport-Pascagola	189300	239944	300176	312368	343600

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
HARRISON	119489	134582	157665	165365	181900

II.6.I All clear zone acquisition has been completed.

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 0.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has not implemented noise abatement procedures.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 No C-141s or equivalent aircraft can be loaded or unloaded.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.2 4 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
747	Can't land	Can't taxi	Can't park	Can't refuel	
C-5	Can land	Can taxi	Can park	Can refuel	Airfield is suitable for C-5, C-141B, C-130, and C-17 aircraft. Runway is less than 6000 feet, approval is required for C-5/C-141 ops
KC-10	Can't land	Can't taxi	Can't park	Can refuel	Airfield is unsuitable for KC-10, and KC-135 aircraft. If KC-10, or KC-135, aircraft could land, base does have JP-8 fuel.

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3 None

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank truck only; 3 off-loading headers; 3 trucks

Number of offload headers: 7

3 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 3 refueling unit fillstands are available.

III.1.D.5.a 3 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 590400
 maximum: 940800

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: S. T. Services, Montgomery AL

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	18	0
Square footage available (including physical capacity limit):	1089	0
Normal installation mission storage requirement:	0	0

Physical Limits for Cat 1.1 Munitions:

Qty distance criteria & AFR 127-100; waiver for 18 # if 1,1

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Hot cargo pad access limitations:

With aircraft parked on Hot Cargo Area, Spot 25, taxiway 6 is closed. This requires aircraft to back-taxi for landing/takeoff.

III.1.F.2 The size of the hot cargo pad is 502,400 sq feet.

III.1.F.3 The sited explosive capacity of the hot cargo pad is 0

III.1.F.4 The hot pad access is taxi-on/taxi-off.

III.1.F.5 The taxiway servicing the hot pad is 75 ft wide and has a pavement classification number (PCN) of 1.

III.1.F.6 Aircraft using pad over the last 5 years:

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C-130

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

CAMP SHELBY	47 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Gulfport - NCBC	9 NM
Hattiesburg - Camp Shelby	58 NM
Mobile	48 NM
New Orleans	66 NM
Picayune	39 NM

III.1.G.3 The base is proximate to a port.

Deep water ports within 150 NM:

Gulfport	9 NM
Mobile	48 NM
New Orleans	65 NM

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility routinely receives referral patients.

III.1.J.1

Facilities Receiving Referrals:	Types of Patients Referred:
Naval Hosp, Corpus Christi TX	Keesler Med Cen is a tertiary med fac & receives patients in all specialties & sub specialties
Naval Hosp, Jacksonville FL	Same as above
Naval Hosp, Millington TN	Same as above
Naval Hosp, Orlando FL	Same as above
Naval Hosp, Pensacola FL	Same as above
Naval Medical Clinic, Key West FL	Same as above
Naval Medical Clinic, New Orleans LA	Same as above
Naval Dental Center, Jacksonville FL	Same as above
Naval Dental Center, Orlando FL	Same as above

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Naval Hospital, Beaufort SC	Same as above
Naval Dental Center, Parris Island SC	Same as above
Naval Dental Center, Pensacola FL	Same as above
Naval Hospital, Charleston SC	Same as above
Naval Dental Center, Charleston SC	Same as above
Naval Healthcare Support Office, Jacksonville FL	Same as above
Fox Army Community Hospital, Redstone Arsenal AL	Same as above
Noble Army Community Hospital, Ft McClellan AL	Same as above
Lyster Army Hospital, Ft Rucker AL	Same as above
Eisenhower Army MEDCEN, Ft Gordon GA	Same as above
Martin Army Community Hospital, Ft Benning GA	Same as above
Winn Army Community Hospital, Ft Stewart GA	Same as above
Blanchfield Army Hospital, Ft Campbell KY	Same as above
Bayne-Jones Army Hospital, Ft Polk LA	Same as above
Moncrief Army Community Hospital, Ft Jackson SC	Same as above
Gorgas Army Community Hospital, Panama Canal Zone, APO Miami	Same as above
502d Medical Group, Maxwell AFB AL	Same as above
646th Medical Group, Eglin AFB FL	Same as above
56th Medical Group, MacDill AFB FL	Same as above
45th Medical Group, Patrick AFB FL	Same as above
325th Medical Group, Tyndall AFB FL	Same as above
347th Medical Group, Moody AFB GA	Same as above
653d Medical Group, Robins AFB GA	Same as above
2d Medical Group, Barksdale AFB LA	Same as above
14th Medical Group, Columbus AFB MS	Same as above
363d Medical Group, Shaw AFB SC	Same as above
VA Medical Center, Birmingham AL	Same as above
VA Medical Center, Montgomery AL	Same as above
VA Medical Center, Tuscaloosa AL	Same as above
VA Medical Center, Tuskegee AL	Same as above
VA Medical Center, Bay Pines FL	Same as above

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VA Medical Center, Gainesville FL	Same as above
VA Medical Center, Lake City FL	Same as above
VA Medical Center, Miami FL	Same as above
VA Medical Center, Tampa FL	Same as above
VA Medical Center Atlanta, Decatur GA	Same as above
VA Medical Center, Augusta GA	Same as above
VA Medical Center Car Vinson, Dublin GA	Same as above
VA Medical Center, Louisville KY	Same as above
VA Medical Center, Alexandria LA	Same as above
VA Medical Center, New Orleans LA	Same as above
VA Medical Center Overton Brooks, Shreveport LA	Same as above
VA Medical Center, Biloxi MS	Same as above
VA Medical Center, Gulfport MS	Same as above
VA Medical Center, Jackson MS	Same as above
VA Medical Center, Memphis TN	Same as above
VA Medical Center, Mountain Home TN	Same as above
VA Medical Center Alvin C. York, Murfreesboro TN	Same as above
VA Medical Center, Nashville TN	Same as above

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

Base medical facilities have 41 unique missions. Detailed listing attached.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

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There are 11 MCP/OM alteration projects planned, totaling \$7,412,800. Detailed listing attached.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has been approved.

III.1.M.2 Major MCP completed since 1989:

There are 31 major MCPs completed totaling \$4,555,400. Detailed listing attached.

III.1.N Base facilities have a total excess storage capacity of 22,319 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 203,827 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	162,458 sq ft
Mobility storage:	29,090 sq ft
War Readiness Support Kits (WRSK) storage:	8,790 sq ft

III.1.O 256 light military vehicles are on base.

III.1.P 322 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	963.00 \$sK	0.00 \$sK	963.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	299.40 \$sK	58.60 \$sK		358.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	321.00 \$sK	28.90 \$sK			349.90 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	134.00 \$sK	30.00 \$sK				164.00 \$sK
		xxx56 TOTALS:			963.00 \$sK	358.00 \$sK	349.90 \$sK	164.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	15,120.10 \$sK	724.80 \$sK	15,844.90 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	13,064.90 \$sK	1,268.30 \$sK		14,333.20 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	5,427.90 \$sK	66.40 \$sK			5,494.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	143.20 \$sK	0.00 \$sK				143.20 \$sK
		xxx76 TOTALS:			15,844.90 \$sK	14,333.20 \$sK	5,494.30 \$sK	143.20 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	3,173.40 \$sK	728.20 \$sK			3,901.60 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	2,566.60 \$sK	815.80 \$sK				3,382.40 \$sK
		xxx78 TOTALS:			0.00 \$sK	0.00 \$sK	3,901.60 \$sK	3,382.40 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				

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ALL AMERICAN	STY NIWI				0	0
BIFF	161 NM	✓	✓		0	0
BILL BAG	171 NM	✓	✓		0	0
BLACKJACK R+CIR	327 NM	✓	✓	✓	0	0
BRUSHY	211 NM	✓	✓	✓	0	0
BURMA SPECIAL N	113 NM				3	4
BURMA SPECIAL S	113 NM				3	4
CAVALIER NORTH	113 NM	✓	✓	✓	3	4
CAVALIER SOUTH	113 NM	✓	✓		3	4
CLERKIN	160 NM	✓	✓		0	0
ELIZABETH WEST	115 NM	✓	✓	✓	3	4
FRYAR	232 NM	✓	✓	✓	4	6
GERONIMO NORTH	213 NM		✓	✓	0	0
GERONIMO SOUTH	213 NM		✓	✓	0	0
GRAHAM	251 NM	✓	✓	✓	4	6
JD (CIR, water)	334 NM				0	1
KAREN EAST	262 NM			✓	0	0
KAREN WEST	262 NM			✓	0	0
MALLON	171 NM	✓	✓		0	0
MCKENNA	241 NM	✓	✓	✓	4	6
MITCHELL	189 NM	✓	✓	✓	0	0
PAYNE	137 NM	✓	✓		0	0
ROXANNE	328 NM	✓	✓		0	0
SANDY DOG	113 NM	✓	✓	✓	3	4
SHARON	209 NM	✓	✓	✓	0	0
SHAW, JOHN	279 NM	✓	✓		0	0
SHEILA	209 NM		✓	✓	0	0
SHELBY	47 NM	✓	✓	✓	0	3
SOUTH POLK	223 NM	✓	✓	✓	0	0
WHITE FALCON	102 NM	✓	✓		3	4

I.2.C.11.a

Drop Zone

Servicing Instruement and Slow Routes (IRs and SRs)

BURMA SPECIAL N	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
BURMA SPECIAL S	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
CAVALIER NORTH	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
CAVALIER SOUTH	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
ELIZABETH WEST	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		

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FRYAR	IR-077 SR-072	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
GRAHAM	IR-077 SR-072	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
JD (CIR, water)	SR-224								
MCKENNA	IR-077 SR-072	IR-078	IR-089	IR-090	SR-038	SR-039	SR-069	SR-070	SR-071
SANDY DOG	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		
SHELBY	SR-029	SR-030	SR-031						
WHITE FALCON	IR-015	IR-057	IR-059	SR-101	SR-103	SR-104	SR-106		

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

AUX FLD 6

113 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
SHELBY	47 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT POLK

223 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 **The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 **The base does Not uses ranges on a regular basis**

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
BATES FIELD	Commercial
BOBBY L. CHAIN MUNICIPAL	Uncontrolled
CAMP SHELBY	Military
DAUPHIN ISLAND	Uncontrolled
DIAMONDHEAD	Uncontrolled
GPT-BILOXI REGIONAL APRT	Civilian
GRIFFIN MEMORIAL	Uncontrolled
I H BASS JR MEMORIAL	Uncontrolled
MOBILE DOWNTOWN APRT	General Aviation
OCEAN SPRINGS AIRPORT	Uncontrolled
PICAYUNE-PEARL RIVER	Uncontrolled
POPLARVILLE-PEARL RIVER	Uncontrolled
SLIDELL	Uncontrolled
ST. ELMO AIRPORT	Uncontrolled
STENNIS AIRPORT	General Aviation
TRENT LOTT INTL	Uncontrolled

I.2.E.14 Civilian/commercial operators or other airspace users constrain or limit operations:

I.2.E.14.a Description of impacts: ATC delays at Keesler for traffic in and out of Gulfport-Biloxi Airport (less than one a month).

1995 AIR FORCE BASE QUESTIONNAIRE**Keesler AFB - AETC****F. Potential for Growth in Training Airspace (Area)**

- I.2.F.1** Expansion of training airspace is Not possible.
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.
- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
CAMP SHELBY
47 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
Pensacola NAS FL
83 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
Eglin AFB FL
125 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 Trained personnel requirements over the Future Years Defense Plan:

Forecast trained personnel requirements over the FYDP:

Forecast for:	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
ENLISTED	29435	30467	30348	30044	29894	29785	29785
OFFICER	5253	5281	5253	5200	5174	5149	5123
TOTALS:	34688	35748	35601	35244	35068	34934	34908
PERCENT CHANGE:		+3.1%	+2.6%	+2.6%	+1.6%	+1.1%	+0.7%

J. Weather Data (AF Environmental Technical Applications Center)

- I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)
- | | | | | |
|-------------------|-------------------|--------------------|--------------------|--------------------|
| a. 200 ft / ½ mi: | b. 300 ft / 1 mi: | c. 1500 ft / 3 mi: | d. 3000 ft / 3 mi: | e. 3000 ft / 5 mi: |
| 98.5 | 97.6 | 90.0 | 85.5 | 81.5 |
- I.2.J.2 Crosswind component to the primary runway:
- I.2.J.2.a Is at or below 15 knots 97.0 percent of the time
- I.2.J.2.b Is at or below 25 knots 99.8 percent of the time
- I.2.J.3 1 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	KEESLER AFB MS	1,611	1,531	80
II.1.A.2	ON/OFF BASE HOUSING AREA	57	57	
II.1.A.3	SMALL ARMS RANGE FIRING RANGE	10		
TOTALS:		1,678	1,588	80

B. Facilities

II.1.B.1 From real property records:

Facility Category Code	Facility Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage Cond Code 1	Percentage Cond Code 2	Percentage Cond Code 3	Excess Capacity (C)
II.1.B.1.a.i	121-122 Hydrant Fueling System Fits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131 Communications-Buildings	SF	N/A	9,525	86.0	14.0	0.0	0
II.1.B.1.c	141 Operations-Buildings	SF	N/A	98,809	77.0	23.0	0.0	0
II.1.B.1.c.i	141-232 Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753 Squadron Operations	SF	51,294	50,030	78.0	22.0	0.0	0
II.1.B.1.c.iii	141-782 Air Freight Terminal	SF	3,489	3,489	100.0	0.0	0.0	0
II.1.B.1.c.iv	141-784 Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785 Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171 Training Buildings	SF	N/A	1,563,685	58.0	41.0	1.0	N/A
II.1.B.1.d.i	171-211 Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a Combat Crew Tmg Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212 Flight Simulator Training (High Bay)	SF	4,254	4,254	100.0	0.0	0.0	0
II.1.B.1.d.iv	171-212a Companion Tmg Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618 Field Training Facility	SF	9,960	9,960	100.0	0.0	0.0	0
II.1.B.1.e	211 Maintenance Aircraft	SF	N/A	140,683	86.0	14.0	0.0	N/A
II.1.B.1.e.i	211-111 Maintenance Hangar	SF	0	0		0.0	0.0	0
II.1.B.1.e.ii	211-152 General Purpose Aircraft Maintenance	SF	56,051	55,677	64.0	36.0	0.0	0
II.1.B.1.e.iii	211-152a DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153 Non-Destructive Inspection (NDI) Lab	SF	6,200	3,426	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	22,412	47,615	100.0	0.0	0.0	25,203
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	0	0		0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	23,903	365	100.0	0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	39,800	16,800	100.0	0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	22,254	16,800	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	40,008	98.0	2.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	2,748	2,748	100.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	36,540	97.0	3.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	17,248	19,974	95.0	5.0	0.0	2,726
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	12,750	26,163	0.0	100.0	0.0	13,413
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	4,224	4,224	100.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	15,720	17,500	100.0	0.0	0.0	1,780
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	106,616	70.0	30.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	21,630	0.0	86.0	14.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	13,570	13,570	0.0	0.0	100.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	3,049	46.0	0.0	54.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	3,049	1,240	0.0	0.0	100.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	285,310	35.0	57.0	8.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	5,000	7,220	100.0	0.0	0.0	2,220
II.1.B.1.v.ii	442-258	LOX Storage	GA	4,000	4,000	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	191,422	200,338	26.0	74.0	0.0	8,916
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	6,700	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	1,620	1,620	0.0	0.0	100.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	673,557	7.0	93.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	37,145	7.0	93.0	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	39,918	0.0	100.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	627,318	66.0	24.0	10.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	8,748	31.0	69.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	7,473	7,306	24.0	76.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	95,135	42.0	58.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	94,384	95,135	42.0	58.0	0.0	751
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	366	39.0	61.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	132,632	77.0	7.0	16.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	655,959	72.0	21.0	7.0	N/A
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	1,495	100.0	0.0	0.0	1,495

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	93,834	100.0	0.0	0.0
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	72,072	100.0	0.0	0.0
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	201,694	100.0	0.0	0.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	1,274,846	84.0	16.0	0.0

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II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	25,708	0.0	100.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	434,287	38.0	62.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	516,254	32.0	68.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	2,714	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	897,059	38.0	59.0	3.0
II.1.B.1.k	852	Veh/Equip Parking	SY	768,294	60.0	40.0	0.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

1953

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-198

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-442

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

1953

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

1613

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 31.0 percent of officer families live on base.

II.1.C.3.b 46.0 percent of enlisted families live on base.

II.1.C.3.a 43.0 percent of all military families live on base.

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I.1.B.2	Supported Unit: 236 Cmbt Comm Sq Location: Hammond LA Support provided: PMEL, Comd Ele (Log Plans)	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.3	Supported Unit: Army Natl Guard Aviation Location: Gulfport MS Support provided: Actg & Finance, Other	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.4	Supported Unit: Combt Readiness Tng Cen Location: Gulfport MS Support provided: Legal, Safety	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.5	Supported Unit: DOD IG, New Orleans Area Location: Slidell LA Support provided: Acctg & Fin, Legal, Purchasing & Contracting, Disaster Preparedness, Health Svcs and Admin Svcs	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.6	Supported Unit: Det A, CO 4 ASLTAMPH Location: Gulfport MS Support provided: PMEL, Sup, Comm Equip/Components, Laundry & Dry Clean	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.7	Supported Unit: Gulfport Regl Aprt Location: Gulfport MS Support provided: Safety, Legal, Persnl, Social Actions, PMEL, Eqmt, Avionics, & Grnd CEM Maint, Audio Visual Supply, CE, Med, Transp, & Disaster Preparedness	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.8	Supported Unit: HQ 5th US Army Location: Ft Sam Houston TX Support provided: Social Actions, Comm Svcs, Health Svcs, Supply & Storage Ops, Legal, Mobilization, Mortuary & Transportation Svcs	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.9	Supported Unit: MIUW 212, Naval Res Cen Location: Gulfport MS Support provided: PMEL	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.10	Supported Unit: Naval Construction Battalion Location: Gulfport MS Support provided: Fire Protection, Police Svcs, Housing/Lodging, Health Svcs, Transp, PMEL, Comms Equip, Wpns Firing Ranges, Audio Visual, & Equip Repair	GSU	GSU - Geographically Separated Unit REM - Remote Unit
I.1.B.11	Supported Unit: Supervisor of Ship Building Location: Pascagoula MS Support provided: Transp, Chaplain, Social Actions, Health, & Police Svcs	GSU	GSU - Geographically Separated Unit REM - Remote Unit

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I.1.B.12 Supported Unit: USAAVNC (ATZQ-DOL)

GSU

GSU - Geographically Separated Unit

Location: Ft Rucker AL

REM - Remote Unit

Support provided: Supplies and POLs

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	2	36011	17207	18804	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 21
 24632 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

No known Class "D" airspace problems exist.

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 1

The total number of sorties per month: 2891

The average length of the delays: 0:07

I.2.A.6.b There is a common rationale for the delays:

Delay duration, 7 minutes, due to other radar traffic.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT POLK distance 223 NM

Nearest major primary airdrop customer: FORT RUCKER distance 173 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 3087 NM

Rota AB: 4141 NM

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Hickam AFB: 3753 NM

RAF Mildenhall: 4145 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	HAGLER AAF	47
I.2.B.4	Military airfield, runway \geq 8,000ft	NEW ORLEANS NAS	68
I.2.B.5	Military airfield, runway \geq 10,000ft	EGLIN AFB	124
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Gulfport-Biloxi Regional	8
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	Gulfport-Biloxi Regional	8
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	New Orleans Int'l	73
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	Gulfport-Biloxi Regional	8
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	New Orleans Int'l	73

I.2.B.11 Name and distance to an emergency landing airfield compatible with aircraft flown at the base.

GPT-BILOXI REGIONAL APRT

8 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-155 A,B	96 NM	W-151 A,B,C,D	164 NM	W-470 A,B,C,D,E	246 NM

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-155 A,B	96 NM	W-155B	106 NM	W-151A	133 NM
W-151 A,B,C,D	164 NM	W-151B	183 NM	W-92	199 NM

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-155 A,B	96 NM	W-155B	106 NM	W-151A	133 NM
W-151 A,B,C,D	164 NM	W-151B	183 NM	W-92	199 NM
W-151D	203 NM	W-470 A,B,C,D,E	246 NM	W-602	345 NM
W-168A	351 NM	W-168 A,B,C	358 NM	W-174A	416 NM

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W-228C	434 NM	W-174 A,B,C,D,F,G	441 NM	W-228 A,B,C,D	443 NM
W-174B	449 NM	W-158A	461 NM	W-157A	465 NM
W-228D	474 NM	W-497A	483 NM	W-132A,B/W-134/W-157A	493 NM
W-158B	514 NM	W-132 A,B	518 NM	W-157B	533 NM
W-174D	543 NM	W-177A	548 NM	W-497 A,B	550 NM
W-161A,B/W-177A,B	559 NM	W-497B	563 NM	W-157C	577 NM
W-465 A,B,C,	589 NM				

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
SHELBY WEST	42 NM	SHELBY EAST	43 NM	EGLIN C52	134 NM
EGLIN C62	140 NM	CLAIBORNE	215 NM	GRAND BAY	300 NM
PINECASTLE	383 NM	TOWNSEND	384 NM	RAZORBACK	390 NM
AVON PARK BRAVO/FO	431 NM	AVON PARK CHARLIE/E	439 NM	CANNON	463 NM
POINSETT	475 NM	McMULLEN	531 NM	JEFFERSON PROVING G	543 NM
ATTERBURY	550 NM	FALCON	556 NM	SMOKEY HILL	664 NM
CHERRY POINT BT-11	686 NM	USAF DARE COUNTY	727 NM	NAVY DARE COUNTY	730 NM
MELROSE	789 NM				

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

SHELBY WEST	42 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

GULFPORT MDS	48 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

SHELBY WEST	42 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	4	9	15	42	90	120
SR	3	7	12	44	77	120
VR	7	15	21	52	122	178
Total Routes:	14	31	48	138	289	418

Identify Routes:

VR-1022 16 NM	SR-029 19 NM	VR-179 29 NM	IR-040 32 NM	VR-1024 32 NM	VR-1023 32 NM
VR-1021 32 NM	IR-038 35 NM	SR-030 35 NM	IR-037 36 NM	VR-1083 36 NM	SR-031 47 NM

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VR-1020 59 NM	IR-021 100 NM						
VR-1072 116 NM	IR-057 118 NM	IR-059 119 NM	SR-101 119 NM	SR-103 119 NM	SR-104 119 NM		
VR-1030 119 NM	SR-106 119 NM	VR-1082 124 NM	VR-1084 124 NM	VR-1085 124 NM	VR-1033 127 NM		
IR-044 133 NM	IR-030 137 NM	IR-031 137 NM	VR-060 140 NM	VR-1031 147 NM			
IR-070 167 NM	VR-1032 167 NM	VR-1070 170 NM	VR-1196 173 NM	SR-137 186 NM	IR-041 188 NM		
IR-063 188 NM	VR-1067 188 NM	VR-1014 188 NM	SR-069 189 NM	SR-072 189 NM	SR-070 189 NM		
SR-071 189 NM	IR-091 193 NM	IR-160 195 NM	IR-161 195 NM	VR-1056 197 NM			
IR-017 201 NM	VR-1017 201 NM	VR-1054 206 NM	IR-068 208 NM	VR-1005 212 NM	SR-039 217 NM		
SR-038 227 NM	IR-066 235 NM	VR-1051 235 NM	VR-1050 235 NM	IR-067 235 NM	IR-077 237 NM		
VR-1016 244 NM	IR-069 247 NM	IR-015 256 NM	IR-032 262 NM	VR-1065 265 NM	SR-075 270 NM		
SR-238 273 NM	SR-073 276 NM	SR-074 276 NM	VR-106 280 NM	IR-121 288 NM	VR-1103 288 NM		
IR-016 296 NM	IR-089 301 NM	IR-078 303 NM	SR-040 303 NM	SR-035 303 NM	SR-037 303 NM		
SR-036 303 NM	VR-092 312 NM	VR-094 312 NM	VR-1066 313 NM	VR-1052 314 NM	IR-046 321 NM		
IR-019 336 NM	SR-218 341 NM	SR-229 341 NM	SR-227 341 NM	SR-237 341 NM	SR-232 341 NM		
SR-231 341 NM	SR-230 341 NM	SR-219 341 NM	SR-221 341 NM	SR-222 341 NM	SR-226 341 NM		
SR-220 341 NM	VR-1008 342 NM	IR-127 344 NM	VR-187 344 NM	VR-1097 344 NM	VR-1002 355 NM		
VR-1010 355 NM	IR-020 361 NM	VR-1001 361 NM	SR-102 361 NM	VR-1006 365 NM	VR-1007 365 NM		
IR-042 369 NM	VR-1068 369 NM	IR-120 372 NM	IR-164 372 NM	VR-1004 372 NM	VR-1104 372 NM		
VR-1102 372 NM	IR-023 377 NM	IR-047 378 NM	VR-1039 378 NM	VR-188 379 NM	VR-1049 380 NM		
IR-083 381 NM	VR-189 383 NM	SR-239 384 NM	IR-157 385 NM	IR-174 385 NM	IR-049 386 NM		
IR-050 386 NM	VR-1098 386 NM	IR-051 386 NM	SR-225 392 NM	SR-059 393 NM	SR-062 393 NM		
SR-061 393 NM	SR-060 393 NM	SR-228 394 NM	VR-1055 395 NM	SR-223 396 NM	SR-224 396 NM		
IR-002 401 NM	SR-105 402 NM	VR-058 402 NM	VR-151 405 NM	VR-1011 407 NM	IR-129 410 NM		
VR-1003 410 NM	VR-1182 410 NM	IR-033 411 NM	VR-1009 412 NM	IR-090 413 NM	IR-075 415 NM		
SR-290 416 NM	SR-292 416 NM	VR-097 419 NM	VR-095 424 NM	VR-1059 425 NM	IR-048 428 NM		
IR-142 428 NM	IR-592 432 NM	IR-018 433 NM	IR-079 434 NM	IR-080 434 NM	SR-166 435 NM		
IR-036 443 NM	SR-270 443 NM	VR-1120 445 NM	IR-074 449 NM	IR-136 450 NM	IR-055 451 NM		
VR-1041 453 NM	VR-1124 455 NM	SR-261 460 NM	VR-088 462 NM	VR-1130 462 NM	VR-1546 465 NM		
VR-1087 469 NM	VR-1088 469 NM	IR-081 479 NM	VR-1089 482 NM	VR-1122 482 NM	SR-286 483 NM		
IR-166 485 NM	VR-1110 485 NM	VR-104 485 NM	SR-293 488 NM	VR-168 495 NM	IR-123 497 NM		
IR-167 497 NM	VR-143 497 NM	IR-103 498 NM	IR-105 498 NM	IR-148 500 NM	IR-147 502 NM		
IR-139 506 NM	IR-117 508 NM	VR-1146 508 NM	VR-1113 508 NM	VR-1137 508 NM	VR-1128 508 NM		
VR-101 509 NM	VR-087 510 NM	VR-1145 511 NM	VR-1139 514 NM	VR-1105 515 NM	VR-1152 515 NM		
VR-156 515 NM	VR-158 516 NM	IR-135 517 NM	VR-162 519 NM	VR-118 521 NM	IR-034 522 NM		
SR-296 522 NM	IR-056 522 NM	VR-1143 523 NM	IR-082 524 NM	VR-163 524 NM	VR-152 525 NM		
VR-1121 527 NM	VR-1013 529 NM	VR-1106 529 NM	IR-502 532 NM	IR-504 532 NM	VR-1123 532 NM		

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VR-1679	532 NM	VR-615	535 NM	VR-1138	538 NM	IR-618	539 NM	VR-619	539 NM	IR-149	540 NM
VR-093	542 NM	VR-1668	543 NM	VR-159	544 NM	IR-743	545 NM	VR-1743	545 NM	VR-1667	549 NM
VR-1142	550 NM	VR-1144	550 NM	IR-022	552 NM	SR-294	552 NM	VR-1726	552 NM	SR-295	552 NM
IR-726	552 NM	IR-053	556 NM	VR-1060	560 NM	VR-1525	563 NM	IR-124	564 NM	VR-186	564 NM
VR-119	573 NM	IR-145	575 NM	VR-1040	575 NM	IR-146	575 NM	VR-1140	575 NM	IR-614	576 NM
VR-1635	576 NM	IR-035	579 NM	VR-1069	579 NM	VR-534	582 NM	VR-535	582 NM	VR-138	583 NM
IR-171	584 NM	IR-182	584 NM	SR-233	585 NM	SR-273	585 NM	SR-267	585 NM	SR-258	585 NM
SR-255	585 NM	SR-251	585 NM	SR-250	585 NM	SR-249	585 NM	SR-240	585 NM	SR-242	585 NM
SR-243	585 NM	SR-245	585 NM	SR-244	585 NM	SR-236	585 NM	SR-234	585 NM	VR-533	586 NM
IR-012	588 NM	IR-527	589 NM	SR-205	592 NM	VR-1074	594 NM	VR-1721	595 NM	SR-208	598 NM
SR-217	598 NM	SR-871	599 NM	SR-874	599 NM	SR-873	599 NM	SR-872	599 NM	IR-181	600 NM
IR-183	600 NM										
VR-1641	605 NM	VR-1642	605 NM	IR-175	606 NM	IR-721	606 NM	VR-1141	608 NM	SR-280	609 NM
IR-185	611 NM	VR-532	616 NM	IR-723	619 NM	VR-085	620 NM	VR-086	620 NM	VR-1631	623 NM
IR-169	626 NM	SR-616	626 NM	SR-617	626 NM	VR-1632	627 NM	VR-1633	627 NM	SR-206	629 NM
SR-734	629 NM	SR-732	630 NM	SR-735	630 NM	IR-608	631 NM	IR-180	634 NM	VR-531	634 NM
SR-733	635 NM	VR-1116	639 NM	SR-618	641 NM	SR-619	641 NM	VR-1640	644 NM	IR-170	646 NM
SR-738	646 NM	IR-128	647 NM	SR-737	648 NM	VR-1046	649 NM	SR-216	650 NM	IR-154	652 NM
VR-073	652 NM	VR-1722	652 NM	IR-155	652 NM	IR-762	653 NM	VR-1756	653 NM	VR-096	654 NM
VR-1043	656 NM	IR-761	658 NM	VR-1751	658 NM	VR-1117	659 NM	VR-544	663 NM	VR-1061	669 NM
VR-552	673 NM	SR-707	675 NM	SR-708	675 NM	SR-711	675 NM	SR-714	675 NM	SR-713	675 NM
SR-710	675 NM	VR-511	676 NM	SR-709	680 NM	SR-715	680 NM	SR-712	680 NM	IR-172	683 NM
IR-173	683 NM	VR-541	689 NM	IR-062	691 NM	VR-1638	691 NM	VR-1617	691 NM	SR-774	695 NM
IR-503	697 NM	VR-512	697 NM	VR-1752	707 NM	IR-715	708 NM	IR-718	708 NM	VR-1758	709 NM
IR-505	710 NM	IR-719	712 NM	VR-536	714 NM	IR-720	716 NM	SR-773	718 NM	VR-545	718 NM
VR-1058	719 NM	IR-506	721 NM	SR-822	721 NM	VR-1522	721 NM	SR-815	721 NM	SR-816	721 NM
VR-1759	725 NM	IR-524	726 NM	SR-867	727 NM	VR-1574	731 NM	VR-196	738 NM	VR-1057	743 NM
IR-517	749 NM	VR-1520	749 NM	VR-1515	749 NM	VR-114	751 NM	SR-817	755 NM	VR-1523	756 NM
SR-771	759 NM	SR-820	761 NM	SR-835	761 NM	SR-821	761 NM	SR-802	762 NM	SR-806	762 NM
SR-807	762 NM	SR-808	762 NM	SR-804	762 NM	SR-803	762 NM	SR-818	764 NM	IR-714	766 NM
VR-1754	766 NM	IR-760	766 NM	VR-540	769 NM	IR-507	773 NM	VR-1753	773 NM	VR-1755	773 NM
VR-1108	774 NM	VR-1109	774 NM	VR-510	775 NM	VR-1174	776 NM	IR-107	782 NM	VR-100	787 NM
VR-125	788 NM	IR-130	791 NM	SR-701	794 NM	VR-1711	794 NM	VR-1713	794 NM	VR-1712	794 NM
SR-703	794 NM	VR-708	796 NM	SR-702	797 NM						

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 997 NM from the base.

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I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
7	12	35

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-103	68 NM	AR-302 WEST	77 NM	AR-302 EAST	93 NM	AR-101 NORTH	109 NM
AR-615	119 NM	AR-646	158 NM	AR-108 WEST	161 NM		
AR-108 EAST	201 NM	AR-200	210 NM	AR-101 SOUTH	225 NM	AR-627	292 NM
AR-216 NORTHEAST	297 NM						
AR-655	308 NM	AR-716	329 NM	AR-313 NORTH	346 NM	AR-203 NORTHEAST	351 NM
AR-111 EAST	390 NM	AR-618	395 NM	AR-111 WEST	396 NM	AR-633B	411 NM
AR-216 SOUTHWEST	422 NM	AR-313 SOUTH	424 NM	AR-112 WEST	425 NM	AR-620	425 NM
AR-207NE NORTHEA	438 NM	AR-633A	441 NM	AR-315 EAST	449 NM	AR-637	458 NM
AR-102A EAST	464 NM	AR-315 WEST	464 NM	AR-112 EAST	465 NM	AR-110 WEST	474 NM
AR-203 SOUTHWEST	478 NM	AR-110 EAST	479 NM	AR-455 EAST	481 NM		

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
2730	6440

Track	Distance	Events									
AR-302	77 NM	445	AR-101	109 NM	217	AR-108	161 NM	140	AR-216	297 NM	64
AR-203	351 NM	223	AR-111	390 NM	303	AR-112	425 NM	360	AR-102	464 NM	10
AR-110	474 NM	596	AR-455	481 NM	372			0			0
Racoon	502 NM	1829	AR-113	548 NM	27	AR-104	551 NM	123	AR-016	599 NM	157

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 474NM from the base."

I.2.C.10d Percentage of tanker demand in region: 27.0

Percentage of tankers based in region: 9.0

Tanker saturation within the region has been classified as tanker Poor

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ALL AMERICAN	210 NM	✓	✓	✓	0	0

Document Separator

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	4,592.00 \$sK	0.00 \$sK	4,592.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	9,066.00 \$sK	0.00 \$sK		9,066.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	9,774.00 \$sK	1,714.00 \$sK			11,488.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	8,395.00 \$sK	1,069.00 \$sK				9,464.00 \$sK
		xxx56 TOTALS:			4,592.00 \$sK	9,066.00 \$sK	11,488.00 \$sK	9,464.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	23,905.00 \$sK	5,663.00 \$sK	29,568.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	19,408.00 \$sK	4,749.00 \$sK		24,157.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx76 TOTALS:			29,568.00 \$sK	24,157.00 \$sK	0.00 \$sK	0.00 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-92	Appropriation	Direct	Reimbursable				
		3400	186.00 \$sK	0.00 \$sK		186.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	10,716.00 \$sK	4,226.00 \$sK			14,942.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	8,062.00 \$sK	7,996.00 \$sK				16,058.00 \$sK
		xxx78 TOTALS:				186.00 \$sK	14,942.00 \$sK	16,058.00 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-92	Appropriation	Direct	Reimbursable				
		3400	694.00 \$sK	0.00 \$sK		694.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				

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IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 2,150.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 653\$M

Twenty year Net Present Value (180)\$M

Steady state savings 70\$M per year

Manpower savings associated with closure 1,492

Return on Investment (years): 10

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Section VI Economic Impact**Economic Area Statistics:****San Antonio, TX MSA****Total population: 1,377,000 (FY 92)****Total employment: 730,857 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)***5.6% / 6.2% / 6.7%***Average annual job growth: 13,745****Average annual per capita income: \$17,284****Average annual increase in per capita income: \$4.6%****Projected economic impact:**

Direct Job Loss:	18,051	
Indirect Job Loss:	<u>25,144</u>	
Closure Impact:	43,195	(5.9% of employment total)
Other BRAC Losses:	<u>(59)</u>	
Cumulative Impact:	43,136	(5.9% of employment total)

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Section VII

I. Community Infrastructure

Describe the off-base housing situation.

- VII.A.1 Off-base housing is affordable
- VII.A.2 Units are available for families
- VII.A.2 Units are available for single members.
- VII.A.3 11.9 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$714

Describe the transportation systems.

- VII.B.1 The base is served by REGULARLY SCHEDULED, public transportation. The following services are available:
The base is served by VIA Metropolitan Transit system which provides Kelly AFB, San Antonio and Bexar County with one of the best transit services in the country. VIA operates 529 buses on 97 regular and express routes, with five routes to Kelly AFB. Distance to the nearest municipal airport with scheduled, commercial air traffic: 16 miles
- VII.B.2 Airport name: San Antonio International Airport
- VII.B.3 Number of commercial air carriers available at the airport: 12
- VII.B.4 Average round trip commuting time to work: 52 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time
VII.C.1 Swimming pool	Palo Alto Natatorium	5	Hrs. 10 Min. 10
VII.C.2 Movie theater	Westlakes Theater	5	Hrs. 10 Min. 10
VII.C.3 Public golf course	Riverside Golf Course	7	Hrs. 10 Min. 10
VII.C.4 Bowling lane	Spartime Lanes	0	Hrs. 01 Min. 20
VII.C.5 Boating	Braunig Lake	15	Hrs. 20 Min. 20
VII.C.6 Fishing	Braunig/Calaveras Lakes	15	Hrs. 20 Min. 20
VII.C.7 Zoo	San Antonio Zoological Gardens and Aquarium	7	Hrs. 15 Min. 15
VII.C.8 Aquarium	Sea World of Texas	15	Hrs. 20 Min. 30
VII.C.9 Family theme park	Fiesta Texas	25	Hrs. 30 Min. 30
VII.C.10 Professional sports	Alamodome (San Antonio Spurs)	6	Hrs. 10 Min. 10

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VII.1.C.11	Collegiate sports	St. Mary's University (Basketball)	6		Hrs.	15	Min.
VII.1.C.12	Camping facilities	Braunig/Calaveras Lakes	15		Hrs.	20	Min.
VII.1.C.13	Beaches (lake or ocean)	Canyon Lake	25	0	Hrs.	30	Min.
VII.1.C.14	Outdoor winter sports	Ski Apache	690	12	Hrs.	30	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

South Park Mall 10 min (5 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Kelly AFB resides within boundaries of metro ctr 5 min (1 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 653

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 8835

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 22 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 54.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Palo Alto College, San Antonio College, St Philip's College, Texas Engineering Extension Service, Hallmark Institute of Technology, ITT Technical Institute, San Antonio Trade School, Texas Vocational School

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

University of Texas at San Antonio, Incarnate Word College, Our Lady of the Lake University, St Mary's University, Trinity University, University of Texas Health Science Center

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Same colleges and universities listed above in undergraduate block.

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3. Spousal Employment

- VII.3.A 84.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 68.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 5.6 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 8.0 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 4.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

- VIII.1.A** Air Quality Management District for the base: Texas Natural Resource Conservation Commission (TNRCC), San Antonio Region (Region 13)
- VIII.1.B** The base is NOT located within a maintenance or non-attainment area for pollutants.
- VIII.1.C** There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)
- VIII.1.D** On- or off-base activities have NOT been restricted or delayed due to air quality considerations.
(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)
- VIII.1.D.1** The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)
- VIII.1.E** Restrictions placed on operations by state or local air quality regulatory agencies:
- VIII.E.1 Aerospace Ground Equipment (AGE):**
- E.1.a** The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.
- E.1.b** No state or local air quality regulatory agency Requires permits for such units.
- E.1.c** No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.
- E.1.d** No state or local air quality regulatory agency Requires retrofit controls for AGE.
- VIII.E.2 Infrastructure Maintenance / Public Works**
- E.2.a** No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).
- E.2.b** No state or local air quality regulatory agency Limits the hours of these activities.
- E.2.c** No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.
- E.2.d** No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a The state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c The state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a The state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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Edwards Aquifer

VIII.2.B There are constraints to the base water supply. Type constraints include:

Quantity constraints
Seasonal Shortages

VIII.2.C The base potable water supply constrains operations as follows:

Aquifer frequently in overdraft, voluntary restrictions. Pending ESA lawsuit could impact fut Ops.
(Contamininants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Volatile organics (incl chlorinated solvents), semi-volatile organics, PCBs, inorganics, jet fuel

VIII.3.A.2 The contaminated ground water is a potable water source

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 7 water wells exist at the base.

VIII.3.D 2 wells have been abandoned for the following reasons:

Natural deterioration of casings which allow the possibility of contamination of water source to occur. Wells have been properly abandoned and no contamination has occurred.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
Leon Creek located on southern portion of Kelly	7.30 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

Special permits required for construction adjacent to Leon Creek

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(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

VIII.4.C.1 Nature of the contamination: Inorganics and polynuclear hydrocarbons.

VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 1 wastewater treatment facilities (industrial/domestic) are located on-base:

Kelly AFB Environmental Process Control Facility (industrial)

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

Kelly AFB has two current water discharge permits (NPDES permit TX000-0671 and Texas Natural Resource Conservation Commission permit 02356)

VIII.6.B The base currently discharges treated wastewater ON-Base. Description of treated wastewater discharge location:

Permits allow Kelly AFB to discharge treated industrial effluents into Leon Creek, a public stream.

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 60.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1** Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program. Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

- VIII.9.A** There are No Threatened or endangered species identified on the base.
- VIII.9.B** There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A** Wetlands, estuaries, or other special aquatic features present on the base:

VIII.10.A.1	Identification and type of wetland:	Approximate acreage:
	Diked Wetland	10
	Forested Wetland	1
	Perennial Stream	7

- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Dec 95
- VIII.10.B.2** 100 percent of the base was included in the survey.
- VIII.10.B.3** Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

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COE Manual with coordination of the U.S. Fish and Wildlife Service and the EPA

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources constrains current or future construction activities or operations as follows:
Current/future construction activities are constrained only within the 600 area of Kelly AFB.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic,prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites: Significant status:

Historic: 1700 Housing District	Potentially eligible
Historic: 300 Area Industrial District	Potentially eligible
Historic: 100 Area Housing District	Eligible
Historic: 1600 Administration District	Potentially eligible

VIII.12.B 35 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings or structures have been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.
Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 52 IRP sites have been identified

VIII.13.A.2 9 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2000

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 4 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
costs to comply with permit requirements.	\$1,232.000 K	\$13,217.000 K	\$12,425.000 K	\$10,891.000 K	\$13,696.000 K
Hazardous Waste Disposal/Remediation	\$2,384.000 K	\$1,485.000 K	\$1,550.000 K	\$1,620.000 K	\$1,650.000 K
IRP	\$21,776.000 K	\$24,895.000 K	\$60,465.000 K	\$20,265.000 K	\$20,715.000 K
Natural Resources					
Other(s) Underground storage tanks, grpimd water					
Permits		\$192.000 K	\$928.000 K	\$179.000 K	\$179.000 K
treatment facility, and environmental sampling					

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

- VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:**
Region 13, Air Quality Division, Texas Natural Resource Conservation Commission
- VIII.16.B Air quality regulatory agency responsible for the AQCA:.** Texas Natural Resource Conservation Commission
- VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:**
Mr. James Menke (210) 490-3096
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:**
- | | |
|---|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT**

- VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located:**
- VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located:**
- VIII.16.D.3 Ozone % of NAAQS can not be computed**
- VIII.16.D.4 Carbon monoxide % of NAAQS can not be computed**

Air Quality Survey complete, No additional data required.

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Section IX

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II.4.A.1 Facility number: 1612 Hanger

Current Use: Maintenance hanger

II.4.A.2 Size (SF): 56,181 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:

II.4.A.5

Door Opening:

Width

Height

Length

115 ft

30 ft

II.4.A.6

Largest unobstructed space inside the facility:

120 ft

70 ft

120 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
Acft Maint Hanger	1,107,091 SF	141765	Largest permanent bridge construction hanger in DoD constructed to house up to six C-5 acft
Acft NDI/X-Ray Fac	60,225 SF	141756	Facility with integrated state of art equip to provide inspection capability and substrate evaluation for C-5, C-17, and smaller acft
Advanced Fuel Acces.Test Fac	48,959 SF	211254	Facility specially designed to accommodate the configuration of the advanced fuel accessories test sys for fuel wetted components
Corrosion Cont Fac/Depaint	103,840 SF	211159	Only Fac of its size in DoD constructed to house the environmentally clean plastic media blast cleaning process to strip large bodied acft up to C-5
Corrosion Control Fac/Paint	88,178 SF	211159	Acft paint fac constructed to house large bodied acft up to a C-5 for environmentally compliant processing
Cryogenic Spin Test Fac	9,533 SF	211153	Portion of Fac constructed to perform possibly destructive testing of F100 fan
Engine Test Fac	65,094 SF	211183	Specially designed for testing of the F100 family of engines, the TF39 engines and engine build up units and the T-56 engines
Fuel Acces Repair and Test Fac	94,520 SF	211254	Unique explosion-proof fac dedicated to perform all inspections, repair and testing of F100 Unified Fuel Controls
Gas Turbine Engine/Test Fac.	136,532 SF	211251	Specialized facility collocates various assemble and test procedures to maximize efficiency and flexibility
HQ AIA (SCIF)	713,000 SF	610-284	HQ Air Intelligence Agency (AIA) has over 600,000 sf of sensitive compartmented information facility (SCIF). Relocation would require similar construction and certification prior to moving.

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Service Star Lab	48,002 SF	215582	Constructed to provide repair capability for ICBM re-entry vehicles and to absorb the frequency of the MK-12 radar
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6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1	15	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	91.0	0.0	9.0
	33	CZ	0	207	0.0	Gen Compat	0.0	0.0	4.0	96.0	0.0	0.0
II.6.A.2	15	APZ 1	81	344	11.0	Sig Incompat	4.0	3.0	14.0	19.0	0.0	59.0
	33	APZ 1	127	344	12.0	Sig Incompat	12.0	2.0	15.0	8.0	0.0	63.0
II.6.A.3	15	APZ 2	22	482	0.0	Gen Compat	0.0	2.0	0.0	7.0	0.0	92.0
	33	APZ 2	412	482	14.0	Sig Incompat	12.0	0.0	0.0	14.0	1.0	74.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.4	65-70	10,744	7,630	1	Gen Compat	40.0	19.0	16.0	4.0	10.0	11.0
II.6.A.5	70-75	6,349	3,817	2	Gen Compat	28.0	24.0	19.0	10.0	6.0	13.0
II.6.A.6	75-80	2,412	229	10	Incompat	7.0	8.0	33.0	46.0	2.0	4.0
II.6.A.7	80+	0	1,192	9	Incompat	39.0	2.0	13.0	7.0	5.0	34.0

II.6.B Percent future off base incompatible land use:

	Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
							RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.1	15	CZ	0	207	0	Sig Incompat	0.0	0.0	0.0	91.0	0.0	9.0
	33	CZ	0	207	0	Gen Compat	0.0	0.0	4.0	96.0	0.0	0.0
II.6.B.2	15	APZ 1	81	344	11	Sig Incompat	4.0	3.0	14.0	19.0	0.0	59.0
	33	APZ 1	127	344	12	Sig Incompat	12.0	2.0	15.0	8.0	0.0	63.0
II.6.B.3	15	APZ 2	22	482	0	Gen Compat	0.0	2.0	0.0	7.0	0.0	92.0
	33	APZ 2	412	482	14	Sig Incompat	12.0	0.0	0.0	14.0	1.0	74.0

	DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.4	65-70	10,744	7,630	1	Gen Compat	40.0	19.0	16.0	4.0	10.0	11.0

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II.6.B.5	70-75	6,349	3,817	2	Gen Compat	28.0	24.0	19.0	10.0	6.0	13.0
II.6.B.6	75-80	2,412	229	10	Incompat	7.0	8.0	33.0	46.0	2.0	4.0
II.6.B.7	80+	0	1,192	9	Incompat	39.0	2.0	13.0	7.0	5.0	34.0

II.6.C The most recent, publicly released AICUZ study is dated Mar 86

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft
Subsection reflects the number of daily flying operations conducted by all assigned aircraft
Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on May 93
The study is still valid.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	Zoning pertinent to the AICUZ by ordinance	In APZ I and very limited in APZ II. City ordinance for AICUZ does not include noise.

II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	Zoning permits only allowable uses in AICUZ.	Residential development, industrial and recreational

II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	Zoning permits only allowable uses in AICUZ.	APZ I and very limited residential, industrial and recreational in APZ II. City ordinance for AICUZ does not include noise.

II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	City zoning limits allowable land use in AICUZ.	Residential development, industrial and recreational. City ordinance for AICUZ does not include noise.

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II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	Recommended AICUZ allowable uses.	Residential. City ordinance for AICUZ does not include noise.

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	Zoning permits only allowable uses in AICUZ.	Residential, industrial and recreational. City ordinance does not include noise.

II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
City of San Antonio	AICUZ allowable land use only. City ordinance does not include noise.	Residential, industrial & recreational encroachment limited. Ordinance does not include noise.

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:
II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Wilson County	13267	13080	16756	22650	25900
Guadalupe County	29017	33840	46708	64873	79250
Comal County	19844	24460	36446	51832	69770

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
San Antonio(#s included in Bexar County)	687475	836610	988800	1185394	1358610

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Bexar County	687475	836610	988800	1185394	1358610

II.6.I All clear zone acquisition has been completed.

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II.6.J Existing on base facilities not sited in accordance with AICUZ recommendations:

Type of facility:	Approximate number of occupants	Zone with violation	Reason the incompatibility is necessary
Bldg 522, Light industrial use	10	CZ	Facility existed prior to AICUZ.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 2.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 No eng runs 2300L-0600L 7 days a week; traffic pattern altitudes established; acft arriving 2300L-0600L expect full stop landing. No afterburner take-offs during these hours w/o prior approval; no max performance take-offs except 149 FG FCF.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 3 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is Load Crews

III.1.A.1.b Current MHE: MHE equipment on hand to load : 7 each 40K lb loaders, 4 ea 25K lb loaders, and 23 ea 10K lb forklifts.

III.1.A.2 20 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					
KC-10					

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is available to transient aircraft.

III.1.C.2 3 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
State-of-Art Type III Constant Pressure System	4800	2	35	9	9

III.1.C.3 4 fuel storage tanks support the operational fuel hydrant system:

Storage tank Capacity:	Tanks with this capacity
1050000	2

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420000

2

III.1.C.4 The hydrant system is 0.8 miles from the bulk storage area.

III.1.C.5 No pits are certified for hot pit operations.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

III.1.D.3 2,300,000 gallons

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank Trucks

Number of offload headers: 9

9 tank trucks can be simultaneously offloaded

Tank cars can Not be offloaded.

III.1.D.5 6 refueling unit fillstands are available.

III.1.D.5.a 6 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 81000
 maximum: 303000

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: Elmendorf, TX, is the DFSP for Kelly AFB

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
	22852640	1750
	213174	
	3496177	0

III.1.F The base has a dedicated hot cargo pad.

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III.1.F.1 Hot cargo pad access limitations:

Access is via taxiway #6 and west apron taxiway. Both are degraded. However, correction is being made by FY94 MILCON project ready

III.1.F.2 The size of the hot cargo pad is 22,500 sq feet.**III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000****III.1.F.4 The hot pad access is turn around.****III.1.F.5 The taxiway servicing the hot pad is 150 ft wide and has a pavement classification number (PCN) of 17.****III.1.F.6 Aircraft using pad over the last 5 years:**

C-141, C-5, L382, DC-8, B-707, DC-10, 747, 727, AND L1011

III.1.G Proximity (within 150 NM) to mobilization elements.**III.1.G.1 The base is proximate to a ground force installation.****Active ground force installations within 150 NM:**

FORT HOOD	109 NM
FORT SAM HOUSTON	29 NM

III.1.G.2 The base is proximate to a railhead.**Railheads within 150 NM:**

Belton - Killeen	116 NM
Camp Stanley	20 NM
Flour Bluff	112 NM
San Antonio	146 NM

III.1.G.3 The base is over 150 NM from a port.**III.1.H The base has a dedicated passenger terminal.****III.1.I The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.****III.1.J The base medical treatment facility does Not routinely receive referral patients.****III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.**

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- III.1.L Unique missions performed by the base medical facility:**
Occupational Med Svc, incl residency trng prog. Bioenvironmental Eng Svcs, a matrix organization with the Environmental Mgt div. Wart
Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,
- III.1.M Base medical facilities project planned to begin before to 1999:**
O&M alteration project titles; Repair/Alter USAF Clinic, Modify Dental Sterilization, Upgrade Electrical System/Plumbing in Bldg 1621,
Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.
- III.1.M.1 The project has been approved.**
- III.1.M.2 No major MCP has been completed since 1989.**
- III.1.N Base facilities have No excess storage capacity.**
- III.1.N.1 Base facilities have a total covered storage capacity of 4,347,957 sq ft.**
- III.1.N.2 Breakout of the total covered storage capacity:**
- | | |
|--|--------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 58,957 sq ft |
| Mobility storage: | 40,192 sq ft |
| War Readiness Support Kits (WRSK) storage: | 2,415 sq ft |
- III.1.O 559 light military vehicles are on base.**
- III.1.P 1018 heavy military and special vehicles are on base.**

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	KELLY AFB	MBPB	3,996	3,708	288
		TOTALS:	3,996	3,708	288

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	35	35	100.0	0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	40,604	79.0	4.0	17.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	794,947	87.0	9.0	4.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	42,506	48,017	84.0	16.0	0.0	5,511
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	108,367	108,367	100.0	0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	12,000	9,714	100.0	0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	247,200	38.0	39.0	23.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	6,869	68.0	32.0	0.0	N/A
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	3,537,334	71.0	25.0	4.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	527,844	245,574	83.0	17.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	228,918	673,605	64.0	36.0	0.0	444,687
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	13,750	13,750	69.0	31.0	0.0	0
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	20,700	106,800	94.0	6.0	0.0	86,100

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II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	678,011	678,011	78.0	22.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	276,762	257,762	95.0	0.0	5.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	13,312	13,312	100.0	0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	19,145	36,751	100.0	0.0	0.0	17,606
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	61,411	85,157	60.0	40.0	0.0	23,746
II.1.B.1.e.xiii	211-183	Test Cell	SF	138,653	133,401	2.0	35.0	63.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	159,588	63.0	6.0	31.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	109,603	59.0	3.0	38.0	109,603
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	5,751	64.0	36.0	0.0	5,751
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	16,530	2,164	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	511,574	82.0	12.0	6.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	267,062	392,127	88.0	5.0	7.0	125,065
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	10,700	15,759	85.0	15.0	0.0	5,059
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	7,121	35,068	100.0	0.0	0.0	27,947
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	25,033	99,707	48.0	52.0	0.0	74,674
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	297,188	34.0	66.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	21,394	100.0	0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	125,254	133,476	100.0	0.0	0.0	8,222
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	10,113	61.0	39.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	10,113	6,175	100.0	0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0

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II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	4,648,470	53.0	6.0	41.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	798,533	45.0	43.0	12.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	13,601	77.0	23.0	0.0	13,601
II.1.B.1.v.ii	442-258	LOX Storage	GA	2,455	2,455	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	568,395	633,524	34.0	53.0	13.0	65,129
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	29,418	100.0	0.0	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	9,472	48.0	0.0	52.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	14,872	100.0	0.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	5,094	100.0	0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	2,261,779	57.0	32.0	11.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	807	91.0	9.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	761	761	91.0	9.0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	38,074	87.0	13.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	47,756	38,074	87.0	13.0	0.0	0
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	57	100.0	0.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	100,909	81.0	4.0	15.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	352,124	80.0	1.0	19.0	N/A
II.1.B.1.gg	852-273	Act Support Equipment Storage	SY	0	27,338	100.0	0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.a.i	121-122	Unit of measure is GM
II.1.B.1.c	141	condition code 3 is 1% and condition code 5 is 2%
II.1.B.1.d	171	condition code 3 is 23% and condition code 5 is 1%
II.1.B.1.e	211	condition code 3 is 4% and condition code 5 is 3%
II.1.B.1.e.ii	211-152	condition code 3 is 0% and condition code 5 is 5%
II.1.B.1.u	441	condition code 3 is 24% and condition code 5 is 10%
II.1.B.1.ee	730	condition code 3 is 7% and condition code 5 is 17%
II.1.B.1.ff	740	condition code 3 is 11% and condition code 5 is 6%

II.1.B.2 From in-house survey:

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	Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111	Aircraft Pavement-Runway(s)	SY	385,000	100.0	0.0	0.0
II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	1,006,079	99.0	0.0	1.0
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	861,195	96.0	0.0	4.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	1,984,924	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	48,497	100.0	0.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	500,659	40.0	60.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	748,237	60.0	40.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	23,798	95.0	5.0	0.0
II.1.B.1.j	851	Roads	SY	1,560,189	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	1,164,908	95.0	5.0	0.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

432

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-598

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-151

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

230

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

202

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

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- II.1.C.2.a Number of new housing units projected to meet current deficit.
- II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base
- II.1.C.3.a 6.0 percent of officer families live on base.
- II.1.C.3.b 16.0 percent of enlisted families live on base.
- II.1.C.3.a 14.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.I) Number Types	
15	Primary	11550 ft	300 ft	No	6	BAK-9/BAK-12-14/EE-5

- II.2.A There are 1 active runways.
- II.2.A.1 There are NO cross runways
- II.2.B There are NO parallel runways.
- II.2.C Dimensions of the primary runway (15).
- II.2.C.1 Length: 11,550 ft
- II.2.C.2 Width: 300 ft
- II.2.D Dimensions of all secondary runways are in the runway table.
- II.2.E The primary taxiway is 75 ft wide.
- II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements		
Aircraft Group		Criteria		Runways	Taxiways	Aprons
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Supports Now	Supports Now
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now

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II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 778,042 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	149th ANG	811 ft	400 ft	Primary Aircraft
433rd AFRES	3,650 ft	740 ft	Primary Aircraft	ACTIVE AFRES
East Apron	7,140 ft	557 ft	Neither	Local Requirements

II.2.G.2 Permanently assigned aircraft currently require 325,080 Sq Yds of parking space.

II.2.G.3 452,962 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

The 494,300 SY East Apron, 223,830 SY are committed to existing reqmts. Remaining 270,470 SY could spt 1 or 2 wings of fighters, a sqdn of any larger acft, or potentially a composite wing.

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

Runway, parking area & taxiways limited to 760,000 lbs triple tandem geared acft. Access to hazardous area limited to degraded taxiway #6/west apron taxiway (correct with FY94 MILCON).

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	4.9 MG/D	MG/D - million gallons per day	36 %
II.3.A.2 Sewage:	1.247 MG/D		52 %
II.3.A.3 Electrical distribution:	26.48 MW	MW - million watts	71 %
II.3.A.4 Natural Gas:	10.632 MCF/D	MCF/D - million cubic feet per day	30 %
II.3.A.5 High temperature water/steam generation/distribution:	325.0 MBTUH	MBTUH - million British thermal units per hour	32 %

II.3.B Characteristics regarding the utility system that should be considered:

Utility service contracts don't have "take or pay" clause. KAFB doesn't purchase natural gas thru a DFSC; doesn't purchase elect. power from the Fed Power Market Admin. Do have Cathodic Protection on gas and water lines.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1	Facility number: 826	Hanger		
	Current Use:	C-5 Maintenance hanger and OPG storage		
II.4.A.2	Size (SF):	115,000 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-141		
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	253 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	264 ft	72 ft	264 ft
II.4.A.1	Facility number: 829	Nose Dock		
	Current Use:	Maintenance dock, FI Systems		
II.4.A.2	Size (SF):	50,480 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-5		
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	258 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	102 ft	40 ft	258 ft

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II.4.A.1 Facility number: 935 Hanger
Current Use: F-16 Maintenance Hanger

II.4.A.2 Size (SF): 72,673 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	173 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	150 ft	55 ft	173 ft

II.4.A.1 Facility number: 946 Nose Dock
Current Use: Maintenance dock, Fl Systems

II.4.A.2 Size (SF): 10,931 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-16

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	72 ft	19 ft	
II.4.A.6	Largest unobstructed space inside the facility:	50 ft	23 ft	77 ft

II.4.A.1 Facility number: 1149 Nose Dock
Current Use: Munitions load crew training

II.4.A.2 Size (SF): 3,156 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-5

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	62 ft	47 ft	
II.4.A.6	Largest unobstructed space inside the facility:	47 ft	16 ft	62 ft

II.4.A.1 Facility number: 1425 Nose Dock
Current Use: Maintenance dock, Fl Sys

II.4.A.2 Size (SF): 13,312 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-5

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	198 ft	30 ft	
II.4.A.6	Largest unobstructed space inside the facility:	85 ft	30 ft	198 ft

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II.4.A.1 Facility number: 1427 Nose Dock
 Current Use: Maint dock, Fl Sys(651 SupGrp & 37 Training(IAFFA)

II.4.A.2 Size (SF): 6,571 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-5

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	126 ft	24 ft	
II.4.A.6 Largest unobstructed space inside the facility:	48 ft	24 ft	126 ft

II.4.A.1 Facility number: 1428 Nose Dock
 Current Use: Maint dock, Fl Sys(651 SupGrp & 37 Training(IAFFA)

II.4.A.2 Size (SF): 6,574 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-5

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	126 ft	24 ft	
II.4.A.6 Largest unobstructed space inside the facility:	48 ft	24 ft	126 ft

II.4.A.1 Facility number: 1429 Nose Dock
 Current Use: Maint dock, Fl Sys(utilized by Aero Club)

II.4.A.2 Size (SF): 6,605 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-5

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	126 ft	24 ft	
II.4.A.6 Largest unobstructed space inside the facility:	48 ft	24 ft	126 ft

II.4.A.1 Facility number: 1610 Hanger
 Current Use: Maintenance hanger and Base Ops

II.4.A.2 Size (SF): 81,320 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: B-52

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	190 ft	39 ft	
II.4.A.6 Largest unobstructed space inside the facility:	240 ft	40 ft	220 ft

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Ranges (Used by the base)

- I.2.D.18** **The base uses other ranges on a regular basis**
- I.2.D.19** **The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.**
-
-
-
-
-
-
-
-
-
-
- I.2.D.20** **MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.**
- I.2.D.21** **MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.**
- I.2.D.22** **No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.**

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E. Airspace Used by Base

I.2.E.1 Airspaces scheduled or managed by the base:

AR167	Air Refueling Track / Anc
Crystal MOA	MOA
R6312, Yankee Range	Restricted Area
VR1105/1106	Other
VR156	Other

Details for airspace scheduled or managed by the base:

Airspace: AR167

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

The operations defined in the DOPAA were used in the EA from which a determination was made to categorically exclude the action from further environmental consideration.

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

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- I.2.E.7** **Published availability of the airspace:**
 1200Z to 0400Z daily
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 45 hrs
- I.2.E.7.b** **Hours used:** 45 hrs
-
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 Air refueling track. 125 NM, FL 260-310, 1 mile route width.
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: Crystal MOA
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 There were no problems associated with environmental analyses. They are on file and complete.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 The operations defined in the DOPAA were used in the EA from which a determination was made to categorically exclude the action from further environmental consideration.
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**

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- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
1300Z - 2400Z daily
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 485 hrs
- I.2.E.7.b** Hours used: 465 hrs
- I.2.E.7.c** Reasons for non-use:
Weather conditions
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
40 x 45 miles 6,000-45,000 feet
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: R6312, Yankee Range
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
There were no problems associated with the analysis. They are on file and complete.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
The operations defined in the DOPAA were used in the EA from which a determination was made to categorically exclude the action from further environmental consideration.
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are planned expansions (including new airspace) to the base's special use airspace.

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I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

 Sunrise to sunset daily

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled:** 266 hrs

I.2.E.7.b **Hours used:** 266 hrs

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

 2600 acres, 440 acre impact area altitude surface to 12,000 ft

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: VR1105/1106

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

 There were no problems associated with environmental analysis. They are on file and complete.

I.2.E.2.b **There are problems associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

 The operations defined in the DOPAA were used in the EA from which a determination was made to categorically exclude the action from further environmental consideration.

I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

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I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

0800 - 1830 local daily

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled: 375 hrs**

I.2.E.7.b **Hours used: 375 hrs**

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**

I.2.E.10 **Description of the volume or area of the Airspace:**

80 NM (Approx) Visual low level route, surface to 1500 feet, 6 NM width.

I.2.E.11 **100.00 percent of the airspace is usable.**

Airspace: VR156

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

There were no problems associated with environmental analysis. They are on file and complete.

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

The operations defined in the DOPAA were used in the EA from which a determination was made to categorically exclude the action from further environmental consideration.

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- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
 0800 to 1830 daily
 Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 95 hrs
- I.2.E.7.b** Hours used: 95 hrs
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
 200 NM (Appox) Low level training route, surface to 3000 feet, 6 NM route width.
- I.2.E.11** 100.00 percent of the airspace is usable.

Commercial Aviation Impact

- I.2.E.12** The base is Not joint-use (military/civilian).
- I.2.E.13** List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Boerne Stage Field	Civilian
Camp Bullis	Military
Castroville	Civilian
Devine	Civilian

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Geronimo Field	Civilian
Hondo	Civilian
Horizon	Civilian
Kerrville	Civilian
Martindale AAF	Military
McKinley-Pearsall	Civilian
New Braunfels	Civilian
Numerous private landing strips	Uncontrolled
Pleasanton	Civilian
Randolph AFB	Military
San Antonio International Airport	Commercial
Seguin (Randolph Aux)	Civilian
Stinson Field	Civilian
Twin-Oaks	Civilian

I.2.E.14 Civilian/commercial operators or other airspace users constrain or limit operations:

I.2.E.14.a Description of impacts: Kelly AFB Class "D" airspace departure tracks are altitude restricted due to the proximity of San Antonio International Airport arrival routes. Departure coord between Kelly AFB Tower and San Antonio approach control minimizes operational conflicts.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** **Expansion of training airspace is possible.**
- I.2.F.1.a** **Estimated expansion potential is 300.0 percent. Rationale for estimate:**
 Besides using the already in-place SUA more, there is the capability to establish new MOAs if the requirement for them is established. The 149 FG and Kelly AFB could easily accommodate increasing the (PAA to 24 UE vs 18 UE F-16 fighter squadron.
- I.2.F.2** **Current access is expected to change.**
- I.2.F.3** **No reductions in training airspace are expected.**
-
- I.2.F.4** **Current special use airspace and training areas meet all training requirements.**
- I.2.F.4.a** **Deployed, off-station training is not required to meet training requirements.**

G. Composite / Integrated Force Training

- I.2.G.1** **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 FORT SAM HOUSTON
 29 NM from the base.
- I.2.G.2** **DELETED**
- I.2.G.3** **Nearest Naval unit where joint training can be accomplished:**
 NAS Dallas (Hensley Field) TX
 217 mi from the base.
- I.2.G.4** **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 Randolph AFB TX
 18 mi from the base.
- I.2.G.5** **DELETED**

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

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I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.2	98.5	84.2	73.6	73.0

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 98.6 percent of the time

I.2.J.2.b Is at or below 25 knots 99.9 percent of the time

I.2.J.3 2 Days have freezing participation (mean per year).

1995 AIR FORCE BASE QUESTIONNAIRE

Kelly AFB - AFMC

Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 748 Mil Intelligence BN	15	349	5	369
I.1.A.2 93 IS	8	327	32	367
I.1.A.3 Company H. Marine Spt BN	1	15	-	16
I.1.A.4 DECA Midwest Region	3	11	94	108
I.1.A.5 DLA	-	-	937	937
I.1.A.6 Defense Accounting Office	13	-	166	179
I.1.A.7 Defense Audit Agency	-	-	2	2
I.1.A.8 Defense Commissary Agency West Svc Ctr	1	-	302	303
I.1.A.9 Defense Courier Service	1	10	-	11
I.1.A.10 Defense Criminal Investigative Svc	-	-	6	6
I.1.A.11 Defense Printing Service	-	-	50	50
I.1.A.12 Defense Reutilization and Marketing Ofc	-	-	85	85
I.1.A.13 Frost National Bank	-	-	8	8
I.1.A.14 GSA Utilization Ofc	-	-	2	2
I.1.A.15 NSA	5	56	-	61
I.1.A.16 San Antonio Credit Union	-	-	11	11
I.1.A.17 Security Service Federal Credit Union	-	-	13	13
I.1.A.18 Services (NAF)	-	-	400	400
I.1.A.19 Small Business ADM	-	-	4	4
I.1.A.20 US Government Printing Office	-	-	36	36
I.1.A.21 Univ of Texas at San Antonio	-	-	-	0
TOTAL:				2968

I.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

I.1.B.1 **Supported Unit:** 651 Munitions Squadron GSU GSU - Geographically Separated Unit
Location: Medina Base, Tx REM - Remote Unit
Support provided: Over 50% of support elements IAW DOD 4000.19

UNCLASSIFIED

1995 AIR FORCE BASE QUESTIONNAIRE

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I.1.B.2 Supported Unit: Naval Security Group Activity

GSU

GSU - Geographically Separated Unit

Location: Medina Base, Tx

REM - Remote Unit

Support provided: Full support

1995 AIR FORCE BASE QUESTIONNAIRE
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2. Operational Effectiveness**A. Air Traffic Control**

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
Tower	2	69034	8991	60043	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 15
 58678 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:
 None are known or projected.

I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT HOOD distance 127 NM
 Nearest major primary airdrop customer: FORT HOOD distance 127 NM

I.2.B.2 Distance to foward deployment Air Bases:
 Lajes AB: 3586 NM
 Rota AB: 4652 NM

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Hickam AFB: 3246 NM

RAF Mildenhall: 4595 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway \geq 3,000ft	MATINDALE	11
I.2.B.4	Military airfield, runway \geq 8,000ft	RANDOLPH AFB	18
I.2.B.5	Military airfield, runway \geq 10,000ft	BERGSTROM ARB	68
I.2.B.6	Military or civilian airfield, runway \geq 3,000ft	Stinson Muni Airport	6
I.2.B.7	Military or civilian airfield, runway \geq 8,000ft	San Antonio Int Airport	11
I.2.B.8	Military or civilian airfield, runway \geq 10,000ft	Bergstrom AFB	68
I.2.B.9	Civilian airfield, runway \geq 8,000ft for capable of conducting short term operations	San Antonio Int Airport	11
I.2.B.10	Civilian airfield, runway \geq 10,000ft for capable of conducting short term operations	Houston Intercont. Arpt	173

I.2.B.11 Name and distance to an emergency landing airfield compatible with aircraft flown at the base.

SAN ANTONIO INTL AIRPORT

10 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228 A,B,C,D	190 NM	W-602	251 NM		

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228D	187 NM	W-228 A,B,C,D	190 NM		

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228D	187 NM	W-228 A,B,C,D	190 NM	W-228C	202 NM
W-602	251 NM	W-92	438 NM	R-5107B	467 NM
W-155 A,B	584 NM	W-155B	584 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

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Area Name	Distance	Area Name	Distance	Area Name	Distance
McMULLEN	71 NM	CLAIBORNE	316 NM	FALCON	316 NM
MELROSE	397 NM	RAZORBACK	420 NM	OSCURA	456 NM
SHELBY WEST	504 NM	SHELBY EAST	509 NM	SMOKEY HILL	560 NM
CANNON	588 NM	AIRBURST	627 NM	EGLIN C52	641 NM
EGLIN C62	646 NM	GOLDWATER RANGE 3	754 NM	GOLDWATER RANGE 2	762 NM
GOLDWATER RANGE 1	764 NM	GOLDWATER RANGE 4	773 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

CLAIBORNE	316 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

GULFPORT MDS	529 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

CLAIBORNE	316 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	5	11	15	34	70	109
SR	2	5	6	31	59	85
VR	10	14	18	48	83	131
Total Routes:	17	30	39	113	212	325

Identify Routes:

VR-1105 19 NM	VR-1152 19 NM	VR-156 19 NM	IR-148 38 NM	IR-149 40 NM	SR-293 41 NM
VR-1122 43 NM	VR-168 58 NM	VR-1120 65 NM	IR-123 67 NM	VR-1106 68 NM	SR-286 69 NM
IR-147 70 NM	VR-1121 72 NM	VR-1123 72 NM	VR-143 73 NM	IR-142 94 NM	
SR-290 101 NM	SR-292 101 NM	VR-101 101 NM	IR-136 121 NM	IR-124 123 NM	IR-135 123 NM
VR-186 123 NM	IR-169 127 NM	SR-261 127 NM	VR-151 132 NM	VR-1124 135 NM	IR-166 141 NM
IR-170 146 NM					
VR-1117 161 NM	SR-270 175 NM	IR-167 183 NM	IR-180 185 NM	IR-127 191 NM	VR-187 191 NM
VR-1110 199 NM	VR-118 199 NM	IR-139 200 NM			
SR-233 208 NM	SR-234 208 NM	SR-240 208 NM	SR-243 208 NM	SR-245 208 NM	SR-250 208 NM
SR-255 208 NM	SR-251 208 NM	SR-273 208 NM	SR-267 208 NM	SR-258 208 NM	SR-249 208 NM
SR-244 208 NM	SR-242 208 NM	SR-236 208 NM	SR-280 217 NM	VR-188 218 NM	SR-228 228 NM
IR-128 236 NM	IR-103 237 NM	IR-105 237 NM	VR-1143 241 NM	VR-162 245 NM	VR-104 247 NM
VR-158 249 NM	VR-196 249 NM	VR-1139 251 NM	VR-106 252 NM	VR-1145 255 NM	VR-1138 256 NM

1995 AIR FORCE BASE QUESTIONNAIRE

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VR-163	258 NM	VR-159	268 NM	VR-1142	269 NM	VR-1108	270 NM	VR-1109	270 NM	VR-1144	270 NM
VR-1116	272 NM	VR-1146	274 NM	IR-154	277 NM	IR-155	281 NM	IR-129	294 NM	IR-130	308 NM
SR-208	313 NM	SR-217	313 NM	IR-122	329 NM	VR-189	336 NM	IR-160	340 NM	IR-161	340 NM
SR-205	345 NM	VR-1140	348 NM	IR-164	349 NM	VR-1104	349 NM	SR-296	351 NM	VR-1196	351 NM
SR-216	352 NM	IR-117	357 NM	VR-1113	357 NM	VR-1137	357 NM	VR-1128	357 NM	SR-206	358 NM
VR-1141	361 NM	SR-294	364 NM	SR-295	364 NM	IR-144	378 NM	IR-165	378 NM	IR-178	378 NM
IR-116	379 NM	IR-172	380 NM	IR-173	380 NM	IR-121	381 NM	VR-1103	381 NM	VR-114	384 NM
VR-152	386 NM	VR-100	391 NM								
IR-102	403 NM	IR-131	403 NM	IR-141	403 NM	IR-134	403 NM	IR-171	407 NM	IR-182	407 NM
VR-125	410 NM	IR-145	411 NM	IR-146	411 NM	SR-223	417 NM	SR-224	417 NM	IR-133	421 NM
IR-181	427 NM	IR-183	427 NM	IR-107	431 NM	IR-132	432 NM	IR-175	432 NM	IR-113	434 NM
IR-115	434 NM	VR-1182	439 NM	IR-150	448 NM	IR-185	449 NM	VR-119	452 NM	VR-138	456 NM
VR-1032	457 NM	IR-070	458 NM	VR-1174	458 NM	VR-1130	459 NM	SR-239	462 NM	VR-1072	464 NM
IR-120	467 NM	VR-1102	467 NM	SR-030	474 NM	IR-111	475 NM	SR-218	477 NM	SR-227	477 NM
SR-226	477 NM	SR-237	477 NM	SR-232	477 NM	SR-231	477 NM	SR-230	477 NM	SR-229	477 NM
SR-219	477 NM	SR-220	477 NM	SR-221	477 NM	SR-222	477 NM	VR-179	479 NM	VR-1107	481 NM
IR-503	482 NM	VR-1546	483 NM	SR-213	485 NM	VR-534	489 NM	VR-535	489 NM	VR-108	492 NM
VR-532	493 NM	IR-068	495 NM	IR-177	503 NM	VR-1195	503 NM	SR-214	506 NM	VR-533	509 NM
SR-031	513 NM	IR-110	517 NM	VR-1022	518 NM	SR-238	519 NM	VR-1083	521 NM	IR-044	522 NM
SR-029	522 NM	SR-073	529 NM	SR-074	529 NM	IR-040	537 NM	VR-1024	537 NM	VR-1021	537 NM
VR-1023	537 NM	VR-1033	538 NM	IR-037	539 NM	IR-038	541 NM	VR-531	545 NM	SR-137	552 NM
IR-091	555 NM	IR-502	556 NM	IR-504	556 NM	SR-211	556 NM	SR-210	556 NM	VR-1020	557 NM
SR-075	558 NM	VR-544	558 NM	VR-536	558 NM	VR-1031	559 NM	VR-176	564 NM	VR-552	565 NM
IR-409	567 NM	VR-1574	567 NM	SR-212	569 NM	VR-1030	571 NM	VR-1016	582 NM	IR-112	589 NM
VR-1014	589 NM	IR-109	591 NM	IR-414	592 NM						
VR-1525	603 NM	IR-021	606 NM	IR-126	608 NM	IR-506	616 NM	VR-1522	616 NM	VR-060	617 NM
IR-078	621 NM	IR-057	624 NM	SR-103	624 NM	SR-106	624 NM	SR-104	624 NM	SR-101	624 NM
IR-059	624 NM	IR-524	626 NM	VR-1082	628 NM	VR-1084	628 NM	VR-1085	628 NM	IR-592	633 NM
VR-1523	636 NM	VR-1233	639 NM	VR-260	639 NM	VR-259	640 NM	VR-269	640 NM	VR-268	640 NM
VR-263	640 NM	VR-267	640 NM	IR-030	643 NM	IR-031	643 NM	IR-507	644 NM	SR-618	644 NM
SR-619	644 NM	VR-545	645 NM	VR-511	648 NM	IR-505	650 NM	VR-512	651 NM	IR-157	653 NM
IR-174	653 NM	SR-616	654 NM	SR-617	654 NM	IR-066	657 NM	VR-1051	657 NM	VR-1054	657 NM
IR-067	657 NM	VR-1050	657 NM	VR-1070	658 NM	IR-041	661 NM	VR-1067	661 NM	IR-063	661 NM
VR-412	663 NM	VR-413	663 NM	SR-069	665 NM	SR-070	665 NM	SR-071	665 NM	SR-072	665 NM
IR-077	673 NM	IR-415	673 NM	VR-1056	675 NM	VR-541	676 NM	IR-069	677 NM	IR-527	685 NM
IR-017	690 NM	VR-1017	690 NM	IR-517	697 NM	VR-1520	697 NM	VR-1515	697 NM	SR-039	704 NM

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SR-225 706 NM	SR-059 709 NM	SR-062 709 NM	SR-061 709 NM	SR-060 709 NM	VR-1005 712 NM
SR-038 713 NM	IR-518 720 NM	VR-540 727 NM	IR-514 728 NM	VR-092 730 NM	IR-089 735 NM
VR-223 741 NM	VR-510 745 NM	VR-239 750 NM	VR-245 750 NM	IR-320 751 NM	VR-1052 751 NM
VR-615 753 NM	IR-416 760 NM	VR-1219 760 NM	VR-242 760 NM	VR-246 760 NM	VR-244 760 NM
VR-1220 760 NM	SR-035 761 NM	SR-040 761 NM	SR-037 761 NM	SR-036 761 NM	IR-032 762 NM
IR-015 763 NM	IR-276 764 NM	VR-231 765 NM	SR-540 768 NM	SR-542 768 NM	SR-541 768 NM
VR-1065 772 NM	IR-500 778 NM	IR-501 778 NM	IR-254 781 NM	IR-614 785 NM	VR-1635 785 NM
VR-1521 792 NM	IR-508 796 NM	IR-509 796 NM	VR-1679 799 NM	IR-016 800 NM	

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 856 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
7	10	31

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance						
AR-614	48 NM	AR-167 NORTH	74 NM	AR-167 SOUTH	74 NM	AR-104 WEST	151 NM
AR-113 WEST	156 NM	AR-104 EAST	195 NM	AR-102A EAST	198 NM		
AR-113 EAST	204 NM	AR-114	204 NM	AR-650	274 NM		
AR-013 WEST	315 NM	AR-313 NORTH	341 NM	AR-013 EAST	363 NM	AR-112 EAST	371 NM
AR-108 EAST	376 NM	AR-313 SOUTH	386 NM	AR-615	401 NM	AR-101 NORTH	405 NM
AR-602	421 NM	AR-644 NORTH	423 NM	AR-302 EAST	426 NM	AR-312	439 NM
AR-103	440 NM	AR-644 SOUTH	441 NM	AR-302 WEST	442 NM	AR-108 WEST	444 NM
AR-112 WEST	444 NM	AR-314 WEST	475 NM	AR-101 SOUTH	482 NM	AR-646	493 NM
AR-330 EAST	494 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
2473	4460

Track	Distance	Events									
AR-104	151 NM	123	AR-113	156 NM	27	AR-102	198 NM	10	AR-114	204 NM	566
AR-013	315 NM	329	AR-112	371 NM	360	AR-108	376 NM	140	AR-101	405 NM	217
AR-302	426 NM	445	AR-314	475 NM	256			0			0

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AR-309 512 NM 138 AR-116 513 NM 541 AR-110 569 NM 596 AR-111 614 NM 303

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 204NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ANTELOPE - FT HOOD	116 NM	✓	✓	✓	1	2
ARDMORE(CIR)	306 NM	✓	✓	✓	0	0
BRUSHY	310 NM	✓	✓	✓	0	0
DEVIL	135 NM	✓	✓	✓	0	0
DEVILS RIVER	126 NM	✓	✓		0	0
EAGLE MOUNTAIN	223 NM	✓	✓	✓	0	1
FT HOOD	116 NM		✓	✓	1	2
FT SILL CIRCULA	316 NM	✓	✓	✓	2	3
GERONIMO NORTH	309 NM		✓	✓	0	0
GERONIMO SOUTH	309 NM		✓	✓	0	0
HALL	21 NM	✓	✓	✓	0	0
KAREN EAST	260 NM			✓	0	0
KAREN WEST	260 NM			✓	0	0
MARRION IMC N	193 NM	✓	✓	✓	0	14
MARRION IMC S	193 NM	✓	✓	✓	0	13
MINERAL WELLS	211 NM		✓	✓	0	2
MINERAL WLS CAT	211 NM		✓	✓	0	2
MINERAL WLS CIR	211 NM		✓	✓	0	2
MINERAL WLS SKE	211 NM		✓	✓	0	2
RAPIDO	127 NM	✓	✓	✓	0	2
ROXANNE	179 NM	✓	✓		0	0
SHARON	311 NM	✓	✓	✓	0	0
SHEILA	311 NM		✓	✓	0	0
SOUTH POLK	297 NM	✓	✓	✓	0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

ANTELOPE - FT HOOD	IR-139	SR-258	SR-261						
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EAGLE MOUNTAIN	SR-228								
FT HOOD	IR-139	SR-258	SR-261						
FT SILL CIRCULA	IR-103	IR-105	SR-294	SR-295	SR-296				
MARRION IMC N	SR-036	SR-040	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244
	SR-245	SR-249	SR-250	SR-251	SR-255				
MARRION IMC S	SR-073	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244	SR-245
	SR-249	SR-250	SR-251	SR-255					
MINERAL WELLS	SR-228	SR-270							
MINERAL WLS CAT	SR-228	SR-270							
MINERAL WLS CIR	SR-228	SR-270							
MINERAL WLS SKE	SR-228	SR-270							
RAPIDO	SR-258	SR-261							

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

BULLIS 22 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
HALL	21 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT HOOD 109 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 Ranges controlled or managed by the base:

Yankee (R6312)

Information relative to each range:

RANGE: Yankee (R6312)

I.2.D.2 Type of any associated airspace: CHASE 3 MOA,

I.2.D.3 Distance from the base to the range: 68 NM

I.2.D.4 Overall size of the range: 2,600 Acres

I.2.D.4.a Size of the impact area(s): 440 Acres

I.2.D.4.b Size of the restricted area in which the range lies: 200 Sq Mi

I.2.D.4.c Altitude ceiling of this restricted area: 12,000 ft

I.2.D.5 The range shape or location DOES NOT prohibit efficient training

I.2.D.6 Other types of restrictions that exist (i.e. limited hours, exercise only, etc):

R6312 is limited to inert ordnance only. Ceiling hampers HADB delivery.

I.2.D.7 Regular users (20 or more times /year) of the range:

149 FG
2 TRW Navy
560 FTS
704 FG
VF201 Navy
VF202 Navy

I.2.D.8 Published availability of the range:

Sunrise to sunset, however, other range periods to include night range operations can be scheduled.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.D.8.a Hours scheduled: 865 hrs

I.2.D.8.b Hours used: 705 hrs

I.2.D.8.c Percent utilized: 81.5

I.2.D.8.d Reasons for non-use:

Weather, no show, maintenance, and unknown reasons

Document Separator

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: LACKLAND, TX

Total Officer Employees:	1,787	RPMA Non-Payroll (\$K/Year):	6,730
Total Enlisted Employees:	4,738	Communications (\$K/Year):	663
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	24,111
Total Civilian Employees:	2,578	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	21.0%	Family Housing (\$K/Year):	3,991
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.87
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	10,008	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	AF046
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: NELLIS, NV

Total Officer Employees:	891	RPMA Non-Payroll (\$K/Year):	4,123
Total Enlisted Employees:	6,317	Communications (\$K/Year):	1,458
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	14,439
Total Civilian Employees:	1,064	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	25.0%	Family Housing (\$K/Year):	7,569
Civilians Not Willing To Move:	10.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,201	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	303	Activity Code:	65
Enlisted VHA (\$/Month):	187		
Per Diem Rate (\$/Day):	107	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.10	Unique Activity Information:	No

Name: KELLY, TX

Total Officer Employees:	825	RPMA Non-Payroll (\$K/Year):	16,993
Total Enlisted Employees:	3,539	Communications (\$K/Year):	3,681
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	13,945
Total Civilian Employees:	14,036	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	14.0%	Family Housing (\$K/Year):	2,870
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	16,316	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	106	Activity Code:	43
Enlisted VHA (\$/Month):	80		
Per Diem Rate (\$/Day):	97	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: HOLLoman, NM

Total Officer Employees:	534	RPMA Non-Payroll (\$K/Year):	2,534
Total Enlisted Employees:	4,008	Communications (\$K/Year):	1,488
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	9,358
Total Civilian Employees:	1,044	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	50.0%	Family Housing (\$K/Year):	11,540
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,614	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	0	Activity Code:	39
Enlisted VHA (\$/Month):	0		
Per Diem Rate (\$/Day):	66	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	1,145	2,290	5,726	6,871	5,726	1,146
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	175	350	875	1,050	875	175
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	22%	16%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	22%	16%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	11,000	6,155	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	968					91.0%
						Perc Family Housing ShutDown:

Name: OFFUTT, NB

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: BASE X

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: EGLIN, FL

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: LACKLAND, TX

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Name: NELLIS, NV

	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0					0.0%
						Perc Family Housing ShutDown:

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
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INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: KELLY, TX	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

Name: HOLLOMAN, NM	1996	1997	1998	1999	2000	2001
1-Time Unique Cost (\$K):	0	0	0	0	0	0
1-Time Unique Save (\$K):	0	0	0	0	0	0
1-Time Moving Cost (\$K):	0	0	0	0	0	0
1-Time Moving Save (\$K):	0	0	0	0	0	0
Env Non-MilCon Reqd(\$K):	0	0	0	0	0	0
Activ Mission Cost (\$K):	0	0	0	0	0	0
Activ Mission Save (\$K):	0	0	0	0	0	0
Misc Recurring Cost(\$K):	0	0	0	0	0	0
Misc Recurring Save(\$K):	0	0	0	0	0	0
Land (+Buy/-Sales) (\$K):	0	0	0	0	0	0
Construction Schedule(%):	23%	12%	16%	22%	11%	16%
Shutdown Schedule (%):	0%	23%	12%	16%	22%	27%
MilCon Cost Avoidnc(\$K):	0	0	0	0	0	0
Fam Housing Avoidnc(\$K):	0	0	0	0	0	0
Procurement Avoidnc(\$K):	0	0	0	0	0	0
CHAMPUS In-Patients/Yr:	0	0	0	0	0	0
CHAMPUS Out-Patients/Yr:	0	0	0	0	0	0
Facil ShutDown(KSF):	0	Perc Family Housing ShutDown:				0.0%

INPUT SCREEN SIX - BASE PERSONNEL INFORMATION

Name: KIRTLAND, NM	1996	1997	1998	1999	2000	2001
Off Force Struc Change:	0	62	0	-314	0	0
Enl Force Struc Change:	0	195	0	-356	0	0
Civ Force Struc Change:	0	265	0	670	0	0
Stu Force Struc Change:	0	0	0	0	0	0
Off Scenario Change:	0	0	0	-16	-16	-17
Enl Scenario Change:	0	0	0	-282	-282	-292
Civ Scenario Change:	0	0	0	-155	-155	-160
Off Change(No Sal Save):	0	0	0	0	0	0
Enl Change(No Sal Save):	0	0	0	0	0	0
Civ Change(No Sal Save):	0	0	0	0	0	0
Caretakers - Military:	0	0	0	0	0	0
Caretakers - Civilian:	0	0	0	0	0	0

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: OFFUTT, NB

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Includes AFIA, AF Safety Center CE Estimate 1/01/95				

Name: BASE X

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
NCO Academy MILCON is for NCO Academy only -- Per MGen Blume --2/16/95	OTHER	51,400	0	2,000

Name: EGLIN, FL

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities CE Estimate 1/6/95	OTHER	82,200	0	8,145
MFH	OTHER	65	0	6,170
BOS	OTHER	0	0	815
Planning	OTHER	0	0	1,360

Name: LACKLAND, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities	OTHER	8,400	0	1,090
BOS	OTHER	0	0	110
Planning	OTHER	0	0	110

Name: NELLIS, NV

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities CE estimate 1/31/95	OTHER	30,600	0	22,260
BOS	OTHER	0	0	2,230
Planning	OTHER	0	0	2,200

Name: KELLY, TX

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Mission Facilities CE Estimate, 2/3/95	OTHER	82,250	0	15,990
AFIA Mission Facilit CE Estimate 2/17/95	OTHER	0	0	1,540

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN SEVEN - BASE MILITARY CONSTRUCTION INFORMATION

Name: HOLLOMAN, NM

Description	Categ	New MilCon	Rehab MilCon	Total Cost(\$K)
Pavement	OTHER	100,480	0	13,740
Per CE Estimate 2/17/95				
Maintenance	MAINT	162,218	0	28,050
2/17/95				
POL	OTHER	10,000	0	420
Ops & Training	OPERA	66,600	0	13,230
Utilities	OTHER	0	0	2,500
Dorms/Dining Hall	BACHQ	29,200	0	4,040
MFH	FAMLQ	100	0	13,790
BOS	OTHER	0	0	11,220
Planning	OTHER	0	0	8,990
ATF	OTHER	13,000	0	2,200
Other	OTHER	57,500	0	10,610

STANDARD FACTORS SCREEN ONE - PERSONNEL

Percent Officers Married:	76.80%	Civ Early Retire Pay Factor:	9.00%
Percent Enlisted Married:	66.90%	Priority Placement Service:	60.00%
Enlisted Housing MilCon:	80.00%	PPS Actions Involving PCS:	50.00%
Officer Salary(\$/Year):	78,668.00	Civilian PCS Costs (\$):	28,800.00
Off BAQ with Dependents(\$):	7,073.00	Civilian New Hire Cost(\$):	4,000.00
Enlisted Salary(\$/Year):	36,148.00	Nat Median Home Price(\$):	114,600.00
Enl BAQ with Dependents(\$):	5,162.00	Home Sale Reimburse Rate:	10.00%
Avg Unemploy Cost(\$/Week):	174.00	Max Home Sale Reimburs(\$):	22,385.00
Unemployment Eligibility(Weeks):	18	Home Purch Reimburse Rate:	5.00%
Civilian Salary(\$/Year):	46,642.00	Max Home Purch Reimburs(\$):	11,191.00
Civilian Turnover Rate:	15.00%	Civilian Homeowning Rate:	64.00%
Civilian Early Retire Rate:	10.00%	HAP Home Value Reimburse Rate:	22.90%
Civilian Regular Retire Rate:	5.00%	HAP Homeowner Receiving Rate:	5.00%
Civilian RIF Pay Factor:	39.00%	RSE Home Value Reimburse Rate:	0.00%
SF File Desc:	Depot Factors	RSE Homeowner Receiving Rate:	0.00%

STANDARD FACTORS SCREEN TWO - FACILITIES

RPMA Building SF Cost Index:	0.93	Rehab vs. New MilCon Cost:	0.00%
BOS Index (RPMA vs population):	0.54	Info Management Account:	0.00%
(Indices are used as exponents)		MilCon Design Rate:	0.00%
Program Management Factor:	10.00%	MilCon SIOH Rate:	0.00%
Caretaker Admin(SF/Care):	162.00	MilCon Contingency Plan Rate:	0.00%
Mothball Cost (\$/SF):	1.25	MilCon Site Preparation Rate:	0.00%
Avg Bachelor Quarters(SF):	256.00	Discount Rate for NPV.RPT/ROI:	2.75%
Avg Family Quarters(SF):	1,320.00	Inflation Rate for NPV.RPT/ROI:	0.00%
APPDET.RPT Inflation Rates:			
1996: 0.00%	1997: 2.90%	1998: 3.00%	1999: 3.00%
			2000: 3.00%
			2001: 3.00%

STANDARD FACTORS SCREEN THREE - TRANSPORTATION

Material/Assigned Person(Lb):	710	Equip Pack & Crate(\$/Ton):	284.00
HHG Per Off Family (Lb):	14,500.00	Mil Light Vehicle(\$/Mile):	0.43
HHG Per Enl Family (Lb):	9,000.00	Heavy/Spec Vehicle(\$/Mile):	1.40
HHG Per Mil Single (Lb):	6,400.00	POV Reimbursement(\$/Mile):	0.18
HHG Per Civilian (Lb):	18,000.00	Avg Mil Tour Length (Years):	4.10
Total HHG Cost (\$/100Lb):	35.00	Routine PCS(\$/Pers/Tour):	6,437.00
Air Transport (\$/Pass Mile):	0.20	One-Time Off PCS Cost(\$):	9,142.00
Misc Exp (\$/Direct Employ):	700.00	One-Time Enl PCS Cost(\$):	5,761.00

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
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STANDARD FACTORS SCREEN FOUR - MILITARY CONSTRUCTION

Category	UM	\$/UM	Category	UM	\$/UM
Horizontal	(SY)	0	OTHER	(SF)	0
Waterfront	(LF)	0	Optional Category B	()	0
Air Operations	(SF)	0	Optional Category C	()	0
Operational	(SF)	0	Optional Category D	()	0
Administrative	(SF)	0	Optional Category E	()	0
School Buildings	(SF)	0	Optional Category F	()	0
Maintenance Shops	(SF)	0	Optional Category G	()	0
Bachelor Quarters	(SF)	0	Optional Category H	()	0
Family Quarters	(EA)	0	Optional Category I	()	0
Covered Storage	(SF)	0	Optional Category J	()	0
Dining Facilities	(SF)	0	Optional Category K	()	0
Recreation Facilities	(SF)	0	Optional Category L	()	0
Communications Facil	(SF)	0	Optional Category M	()	0
Shipyard Maintenance	(SF)	0	Optional Category N	()	0
RDT & E Facilities	(SF)	0	Optional Category O	()	0
POL Storage	(BL)	0	Optional Category P	()	0
Ammunition Storage	(SF)	0	Optional Category Q	()	0
Medical Facilities	(SF)	0	Optional Category R	()	0
Environmental	()	0			

EXPLANATORY NOTES (INPUT SCREEN NINE)

Vehicle movement remains unchanged from LPF numbers

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Starting Year : 1996
 Final Year : 2001
 ROI Year : 2004 (3 Years)

NPV in 2015(\$K): -464,464
 1-Time Cost(\$K): 277,453

Net Costs (\$K)	Constant Dollars						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	28,746	14,582	27,650	38,018	19,009	27,650	155,655	0
Person	-162	-711	-1,727	-4,902	-20,614	-40,046	-68,162	-52,181
Overhd	1,393	720	-133	-1,645	-4,212	-7,668	-11,545	-9,840
Moving	2,399	4,941	12,326	16,267	13,834	6,912	56,679	0
Missio	0	0	0	0	0	0	0	0
Other	1,270	2,547	6,373	7,864	6,588	1,519	26,161	0
TOTAL	33,647	22,079	44,489	55,601	14,605	-11,633	158,788	-62,021

	1996	1997	1998	1999	2000	2001	Total
POSITIONS ELIMINATED							
Off	0	0	0	16	16	17	49
Enl	0	0	0	282	282	292	856
Civ	0	0	0	155	155	160	470
TOT	0	0	0	453	453	469	1,375

	1996	1997	1998	1999	2000	2001	Total
POSITIONS REALIGNED							
Off	50	104	265	319	265	66	1,069
Enl	92	188	475	571	475	111	1,912
Stu	0	0	0	0	0	0	0
Civ	98	201	505	607	505	116	2,032
TOT	240	493	1,245	1,497	1,245	293	5,013

Summary:

 Cantone Philips Lab, civilianize through force structure changes (adjusted)
 Move SOF training to Holloman, move DNA to Nellis/Kelly
 Move most AF tenants to Kelly, AFOTEC to Eglin, AFOSP to Lackland
 Move all others to Base X (add and subtract all DoD tenants)

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Costs (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	39,746	20,737	27,650	38,018	19,009	27,650	172,810	0
Person	847	2,374	6,625	12,872	15,842	15,429	53,989	12,972
Overhd	1,393	2,069	3,391	5,168	6,443	6,958	25,423	6,444
Moving	2,622	5,399	13,488	17,664	14,996	7,190	61,360	0
Missio	0	0	0	0	0	0	0	0
Other	1,270	2,547	6,373	7,864	6,588	1,519	26,161	0
TOTAL	45,878	33,126	57,527	81,587	62,879	58,747	339,744	19,416

Savings (\$K) Constant Dollars	1996						Total	Beyond
	1996	1997	1998	1999	2000	2001		
MilCon	11,000	6,155	0	0	0	0	17,155	0
Person	1,008	3,085	8,352	17,775	36,456	55,475	122,152	65,153
Overhd	0	1,349	3,523	6,814	10,655	14,626	36,969	16,284
Moving	223	458	1,162	1,397	1,162	278	4,680	0
Missio	0	0	0	0	0	0	0	0
Other	0	0	0	0	0	0	0	0
TOTAL	12,231	11,048	13,037	25,986	48,274	70,380	180,956	81,437

NET PRESENT VALUES REPORT (COBRA v5.08)
 Data As Of 15:14 02/20/1995, Report Created 08:22 03/01/1995

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Year	Cost(\$)	Adjusted Cost(\$)	NPV(\$)
----	-----	-----	-----
1996	33,646,749	33,193,434	33,193,434
1997	22,078,644	21,198,232	54,391,667
1998	44,489,490	41,572,185	95,963,851
1999	55,601,425	50,564,942	146,528,793
2000	14,605,192	12,926,740	159,455,534
2001	-11,633,029	-10,020,577	149,434,957
2002	-62,020,998	-51,994,434	97,440,523
2003	-62,020,998	-50,602,855	46,837,668
2004	-62,020,998	-49,248,521	-2,410,853
2005	-62,020,998	-47,930,434	-50,341,287
2006	-62,020,998	-46,647,624	-96,988,911
2007	-62,020,998	-45,399,148	-142,388,059
2008	-62,020,998	-44,184,085	-186,572,144
2009	-62,020,998	-43,001,543	-229,573,687
2010	-62,020,998	-41,850,650	-271,424,337
2011	-62,020,998	-40,730,560	-312,154,897
2012	-62,020,998	-39,640,447	-351,795,344
2013	-62,020,998	-38,579,511	-390,374,855
2014	-62,020,998	-37,546,969	-427,921,824
2015	-62,020,998	-36,542,062	-464,463,886

TOTAL ONE-TIME COST REPORT (COBRA v5.08)
 Data As Of 15:14 02/20/1995, Report Created 08:22 03/01/1995

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

(All values in Dollars)

Category	Cost	Sub-Total
-----	----	-----
Construction		
Military Construction	159,020,000	
Family Housing Construction	13,790,000	
Information Management Account	0	
Land Purchases	0	
Total - Construction		172,810,000
Personnel		
Civilian RIF	2,710,367	
Civilian Early Retirement	1,066,236	
Civilian New Hires	2,860,000	
Eliminated Military PCS	5,379,374	
Unemployment	466,668	
Total - Personnel		12,482,645
Overhead		
Program Planning Support	3,429,256	
Mothball / Shutdown	1,210,000	
Total - Overhead		4,639,256
Moving		
Civilian Moving	36,321,336	
Civilian PPS	4,089,600	
Military Moving	13,763,670	
Freight	3,685,037	
One-Time Moving Costs	3,500,000	
Total - Moving		61,359,643
Other		
HAP / RSE	3,257,591	
Environmental Mitigation Costs	0	
One-Time Unique Costs	22,904,000	
Total - Other		26,161,591
Total One-Time Costs		277,453,135

One-Time Savings		
Military Construction Cost Avoidances	0	
Family Housing Cost Avoidances	17,155,000	
Military Moving	4,680,170	
Land Sales	0	
One-Time Moving Savings	0	
Environmental Mitigation Savings	0	
One-Time Unique Savings	0	
Total One-Time Savings		21,835,170
Total Net One-Time Costs		255,617,965

TOTAL MILITARY CONSTRUCTION ASSETS (COBRA v5.08)
 Data As Of 15:14 02/20/1995, Report Created 08:21 03/01/1995

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

All Costs in \$K

Base Name	Total MilCon	IMA Cost	Land Purch	Cost Avoid	Total Cost
KIRTLAND	0	0	0	-17,155	-17,155
OFFUTT	0	0	0	0	0
BASE X	2,000	0	0	0	2,000
EGLIN	16,490	0	0	0	16,490
LACKLAND	1,310	0	0	0	1,310
NELLIS	26,690	0	0	0	26,690
KELLY	17,530	0	0	0	17,530
HOLLOMAN	108,790	0	0	0	108,790
Totals:	172,810	0	0	-17,155	155,655

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

To Base: HOLLOMAN, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	9	19	48	58	48	12	194
Enlisted	58	117	293	352	293	61	1,174
Students	0	0	0	0	0	0	0
Civilians	9	19	49	59	49	13	198
TOTAL	76	155	390	469	390	86	1,566

TOTAL PERSONNEL REALIGNMENTS (Out of KIRTLAND, NM):

	1996	1997	1998	1999	2000	2001	Total
Officers	50	104	265	319	265	66	1,069
Enlisted	92	188	475	571	475	111	1,912
Students	0	0	0	0	0	0	0
Civilians	98	201	505	607	505	116	2,032
TOTAL	240	493	1,245	1,497	1,245	293	5,013

SCENARIO POSITION CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	0	0	-16	-16	-17	-49
Enlisted	0	0	0	-282	-282	-292	-856
Civilians	0	0	0	-155	-155	-160	-470
TOTAL	0	0	0	-453	-453	-469	-1,375

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
46	33	0	10,192

PERSONNEL SUMMARY FOR: OFFUTT, NB

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1,932	6,880	0	1,382

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,932	6,880	0	1,382

PERSONNEL SUMMARY FOR: BASE X

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
736	3,263	0	11,455

PERSONNEL REALIGNMENTS:
 From Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	13	26	66	80	66	16	267
Enlisted	22	44	112	134	112	24	448
Students	0	0	0	0	0	0	0
Civilians	61	123	308	370	308	65	1,235
TOTAL	96	193	486	584	486	105	1,950

PERSONNEL SUMMARY REPORT (COBRA v5.08)
 Data As Of 15:14 02/20/1995, Report Created 08:21 03/01/1995

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
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PERSONNEL SUMMARY FOR: KIRTLAND, NM

BASE POPULATION (FY 1996):

Officers	Enlisted	Students	Civilians
1,416	2,962	0	11,759

FORCE STRUCTURE CHANGES:

	1996	1997	1998	1999	2000	2001	Total
Officers	0	62	0	-314	0	0	-252
Enlisted	0	195	0	-356	0	0	-161
Students	0	0	0	0	0	0	0
Civilians	0	265	0	670	0	0	935
TOTAL	0	522	0	0	0	0	522

BASE POPULATION (Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1,164	2,801	0	12,694

PERSONNEL REALIGNMENTS:

To Base: BASE X

	1996	1997	1998	1999	2000	2001	Total
Officers	13	26	66	80	66	16	267
Enlisted	22	44	112	134	112	24	448
Students	0	0	0	0	0	0	0
Civilians	61	123	308	370	308	65	1,235
TOTAL	96	193	486	584	486	105	1,950

To Base: EGLIN, FL

	1996	1997	1998	1999	2000	2001	Total
Officers	17	34	86	103	86	18	344
Enlisted	5	10	25	30	25	8	103
Students	0	0	0	0	0	0	0
Civilians	11	22	55	66	55	12	221
TOTAL	33	66	166	199	166	38	668

To Base: LACKLAND, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	4	4	4	3	16
Enlisted	1	3	7	9	7	4	31
Students	0	0	0	0	0	0	0
Civilians	1	2	5	6	5	1	20
TOTAL	2	6	16	19	16	8	67

To Base: NELLIS, NV

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	7	9	7	3	30
Enlisted	1	3	7	9	7	3	30
Students	0	0	0	0	0	0	0
Civilians	2	5	12	15	12	4	50
TOTAL	4	11	26	33	26	10	110

To Base: KELLY, TX

	1996	1997	1998	1999	2000	2001	Total
Officers	10	21	54	65	54	14	218
Enlisted	5	11	31	37	31	11	126
Students	0	0	0	0	0	0	0
Civilians	14	30	76	91	76	21	308
TOTAL	29	62	161	193	161	46	652

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

TOTAL PERSONNEL REALIGNMENTS (Into BASE X):

	1996	1997	1998	1999	2000	2001	Total
Officers	13	26	66	80	66	16	267
Enlisted	22	44	112	134	112	24	448
Students	0	0	0	0	0	0	0
Civilians	61	123	308	370	308	65	1,235
TOTAL	96	193	486	584	486	105	1,950

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,003	3,711	0	12,690

PERSONNEL SUMMARY FOR: EGLIN, FL

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1,428	6,087	0	4,041

PERSONNEL REALIGNMENTS:

From Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	17	34	86	103	86	18	344
Enlisted	5	10	25	30	25	8	103
Students	0	0	0	0	0	0	0
Civilians	11	22	55	66	55	12	221
TOTAL	33	66	166	199	166	38	668

TOTAL PERSONNEL REALIGNMENTS (Into EGLIN, FL):

	1996	1997	1998	1999	2000	2001	Total
Officers	17	34	86	103	86	18	344
Enlisted	5	10	25	30	25	8	103
Students	0	0	0	0	0	0	0
Civilians	11	22	55	66	55	12	221
TOTAL	33	66	166	199	166	38	668

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,772	6,190	0	4,262

PERSONNEL SUMMARY FOR: LACKLAND, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
1,787	4,738	0	2,578

PERSONNEL REALIGNMENTS:

From Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	4	4	4	3	16
Enlisted	1	3	7	9	7	4	31
Students	0	0	0	0	0	0	0
Civilians	1	2	5	6	5	1	20
TOTAL	2	6	16	19	16	8	67

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

TOTAL PERSONNEL REALIGNMENTS (Into LACKLAND, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	0	1	4	4	4	3	16
Enlisted	1	3	7	9	7	4	31
Students	0	0	0	0	0	0	0
Civilians	1	2	5	6	5	1	20
TOTAL	2	6	16	19	16	8	67

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,803	4,769	0	2,598

PERSONNEL SUMMARY FOR: NELLIS, NV

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
891	6,317	0	1,064

PERSONNEL REALIGNMENTS:

From Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	7	9	7	3	30
Enlisted	1	3	7	9	7	3	30
Students	0	0	0	0	0	0	0
Civilians	2	5	12	15	12	4	50
TOTAL	4	11	26	33	26	10	110

TOTAL PERSONNEL REALIGNMENTS (Into NELLIS, NV):

	1996	1997	1998	1999	2000	2001	Total
Officers	1	3	7	9	7	3	30
Enlisted	1	3	7	9	7	3	30
Students	0	0	0	0	0	0	0
Civilians	2	5	12	15	12	4	50
TOTAL	4	11	26	33	26	10	110

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
921	6,347	0	1,114

PERSONNEL SUMMARY FOR: KELLY, TX

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
825	3,539	0	14,036

PERSONNEL REALIGNMENTS:

From Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	10	21	54	65	54	14	218
Enlisted	5	11	31	37	31	11	126
Students	0	0	0	0	0	0	0
Civilians	14	30	76	91	76	21	308
TOTAL	29	62	161	193	161	46	652

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

TOTAL PERSONNEL REALIGNMENTS (Into KELLY, TX):

	1996	1997	1998	1999	2000	2001	Total
Officers	10	21	54	65	54	14	218
Enlisted	5	11	31	37	31	11	126
Students	0	0	0	0	0	0	0
Civilians	14	30	76	91	76	21	308
TOTAL	29	62	161	193	161	46	652

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
1,043	3,665	0	14,344

PERSONNEL SUMMARY FOR: HOLLOWAN, NM

BASE POPULATION (FY 1996, Prior to BRAC Action):

Officers	Enlisted	Students	Civilians
534	4,008	0	1,044

PERSONNEL REALIGNMENTS:

From Base: KIRTLAND, NM

	1996	1997	1998	1999	2000	2001	Total
Officers	9	19	48	58	48	12	194
Enlisted	58	117	293	352	293	61	1,174
Students	0	0	0	0	0	0	0
Civilians	9	19	49	59	49	13	198
TOTAL	76	155	390	469	390	86	1,566

TOTAL PERSONNEL REALIGNMENTS (Into HOLLOWAN, NM):

	1996	1997	1998	1999	2000	2001	Total
Officers	9	19	48	58	48	12	194
Enlisted	58	117	293	352	293	61	1,174
Students	0	0	0	0	0	0	0
Civilians	9	19	49	59	49	13	198
TOTAL	76	155	390	469	390	86	1,566

BASE POPULATION (After BRAC Action):

Officers	Enlisted	Students	Civilians
728	5,182	0	1,242

Department : Air Force
Option Package : Cntn Kirtland
Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
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	Rate	1996	1997	1998	1999	2000	2001	Total
CIVILIAN POSITIONS REALIGNING OUT		98	201	505	607	505	116	2032
Early Retirement*	10.00%	9	20	52	62	52	11	206
Regular Retirement*	5.00%	5	10	25	31	25	6	102
Civilian Turnover*	15.00%	14	30	75	92	75	18	304
Civs Not Moving (RIFs)*+		7	11	30	36	30	7	121
Civilians Moving (the remainder)		63	130	323	386	323	74	1299
Civilian Positions Available		35	71	182	221	182	42	733
CIVILIAN POSITIONS ELIMINATED		0	0	0	155	155	160	470
Early Retirement	10.00%	0	0	0	16	16	16	48
Regular Retirement	5.00%	0	0	0	8	8	8	24
Civilian Turnover	15.00%	0	0	0	23	23	24	70
Civs Not Moving (RIFs)*+		0	0	0	9	9	10	28
Priority Placement#	60.00%	0	0	0	93	93	96	282
Civilians Available to Move		0	0	0	6	6	6	18
Civilians Moving		0	0	0	6	6	6	18
Civilian RIFs (the remainder)		0	0	0	0	0	0	0
CIVILIAN POSITIONS REALIGNING IN		98	201	505	607	505	116	2032
Civilians Moving		63	130	323	392	329	80	1317
New Civilians Hired		35	71	182	215	176	36	715
Other Civilian Additions		0	0	0	0	0	0	0
TOTAL CIVILIAN EARLY RETIREMENTS		9	20	52	78	68	27	254
TOTAL CIVILIAN RIFs		7	11	30	45	39	17	149
TOTAL CIVILIAN PRIORITY PLACEMENTS#		0	0	0	93	93	96	282
TOTAL CIVILIAN NEW HIRES		35	71	182	215	176	36	715

* Early Retirements, Regular Retirements, Civilian Turnover, and Civilians Not Willing to Move are not applicable for moves under fifty miles.

+ The Percentage of Civilians Not Willing to Move (Voluntary RIFs) varies from base to base.

Not all Priority Placements involve a Permanent Change of Station. The rate of PPS placements involving a PCS is 50.00%

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
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ONE-TIME COSTS -----(\$K)-----	1996	1997	1998	1999	2000	2001	Total
CONSTRUCTION							
MILCON	36,574	19,082	25,443	34,984	17,492	25,443	159,020
Fam Housing	3,172	1,655	2,206	3,034	1,517	2,206	13,790
Land Purch	0	0	0	0	0	0	0
O&M							
CIV SALARY							
Civ RIF	127	200	546	818	709	309	2,710
Civ Retire	38	84	218	327	285	113	1,066
CIV MOVING							
Per Diem	157	324	804	975	816	201	3,278
POV Miles	10	21	53	64	53	12	214
Home Purch	678	1,400	3,479	4,221	3,543	861	14,183
HHG	433	895	2,221	2,694	2,260	547	9,050
Misc	44	91	226	274	230	56	922
House Hunt	130	269	667	806	675	162	2,710
PPS	0	0	0	1,354	1,354	1,382	4,089
RITA	285	590	1,464	1,775	1,489	362	5,966
FREIGHT							
Packing	51	105	264	318	266	64	1,068
Freight	4	8	19	23	19	2,543	2,617
Vehicles	0	0	0	0	0	0	0
Driving	0	0	0	0	0	0	0
Unemployment	22	34	94	141	122	53	467
OTHER							
Program Plan	1,043	782	587	440	330	247	3,429
Shutdown	0	278	145	266	193	327	1,210
New Hire	140	284	728	860	704	144	2,860
1-Time Move	175	350	875	1,050	875	175	3,500
MIL PERSONNEL							
MIL MOVING							
Per Diem	21	43	110	133	110	28	446
POV Miles	17	34	87	104	87	21	350
HHG	517	1,064	2,700	3,248	2,700	651	10,880
Misc	99	204	518	623	518	124	2,087
OTHER							
Elim PCS	0	0	0	1,771	1,771	1,838	5,379
OTHER							
HAP / RSE	125	257	647	993	862	373	3,257
Environmental	0	0	0	0	0	0	0
Info Manage	0	0	0	0	0	0	0
1-Time Other	1,145	2,290	5,726	6,871	5,726	1,146	22,904
TOTAL ONE-TIME	45,008	30,346	49,829	68,170	44,709	39,390	277,453

TOTAL APPROPRIATIONS DETAIL REPORT (COBRA v5.08) - Page 2/3
 Data As Of 15:14 02/20/1995, Report Created 08:22 03/01/1995

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
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RECURRINGCOSTS	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	89	216	321	463	590	687	2,367	746
O&M								
RPMA	0	0	221	316	364	433	1,334	433
BOS	261	792	2,117	3,683	4,966	5,264	17,083	5,264
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	0	0	0	0	0
CHAMPUS	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	0	0	0	0	0
Enl Salary	0	0	0	0	0	0	0	0
House Allow	519	1,771	5,039	8,954	12,250	12,972	41,507	12,972
OTHER								
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	870	2,780	7,698	13,417	18,170	19,356	62,291	19,416
TOTAL COST	45,878	33,126	57,527	81,587	62,879	58,747	339,744	19,416
ONE-TIME SAVES	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	
Fam Housing	11,000	6,155	0	0	0	0	17,155	
O&M								
1-Time Move	0	0	0	0	0	0	0	
MIL PERSONNEL								
Mil Moving	223	458	1,162	1,397	1,162	278	4,680	
OTHER								
Land Sales	0	0	0	0	0	0	0	
Environmental	0	0	0	0	0	0	0	
1-Time Other	0	0	0	0	0	0	0	
TOTAL ONE-TIME	11,223	6,613	1,162	1,397	1,162	278	21,835	
RECURRINGSAVES	1996	1997	1998	1999	2000	2001	Total	Beyond
-----(\$K)-----	----	----	----	----	----	----	-----	-----
FAM HOUSE OPS	0	1,129	2,847	4,516	6,381	8,492	23,365	9,817
O&M								
RPMA	0	1	2	3	4	5	15	6
BOS	0	219	675	2,295	4,270	6,129	13,589	6,461
Unique Operat	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	3,615	10,844	18,190	32,649	21,922
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Off Salary	0	0	0	629	1,888	3,186	5,703	3,855
Enl Salary	0	0	0	5,097	15,291	25,665	46,052	30,943
House Allow	1,008	3,085	8,352	8,434	8,434	8,434	37,746	8,434
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	1,008	4,434	11,875	24,588	47,112	70,102	159,120	81,437
TOTAL SAVINGS	12,231	11,048	13,037	25,986	48,274	70,380	180,956	81,437

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

ONE-TIME NET	1996	1997	1998	1999	2000	2001	Total	
-----(\$K)-----	----	----	----	----	----	----	-----	
CONSTRUCTION								
MILCON	36,574	19,082	25,443	34,984	17,492	25,443	159,020	
Fam Housing	-7,828	-4,500	2,206	3,034	1,517	2,206	-3,365	
O&M								
Civ Retir/RIF	165	284	764	1,146	995	422	3,777	
Civ Moving	1,793	3,703	9,198	12,506	10,706	6,191	44,096	
Other	1,380	1,729	2,429	2,757	2,225	946	11,466	
MIL PERSONNEL								
Mil Moving	431	888	2,254	4,482	4,025	2,384	14,463	
OTHER								
HAP / RSE	125	257	647	993	862	373	3,257	
Environmental	0	0	0	0	0	0	0	
Info Manage	0	0	0	0	0	0	0	
1-Time Other	1,145	2,290	5,726	6,871	5,726	1,146	22,904	
Land	0	0	0	0	0	0	0	
TOTAL ONE-TIME	33,785	23,733	48,667	66,773	43,547	39,112	255,618	
RECURRING NET								
-----(\$K)-----	----	----	----	----	----	----	-----	Beyond
FAM HOUSE OPS	89	-912	-2,526	-4,053	-5,791	-7,805	-20,998	-9,070
O&M								
RPMA	0	-1	219	313	360	428	1,319	427
BOS	261	573	1,442	1,388	696	-865	3,494	-1,197
Unique Operat	0	0	0	0	0	0	0	0
Caretaker	0	0	0	0	0	0	0	0
Civ Salary	0	0	0	-3,615	-10,844	-18,190	-32,649	-21,922
CHAMPUS	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Salary	0	0	0	-5,726	-17,179	-28,851	-51,756	-34,797
House Allow	-489	-1,314	-3,313	521	3,816	4,538	3,760	4,538
OTHER								
Procurement	0	0	0	0	0	0	0	0
Mission	0	0	0	0	0	0	0	0
Misc Recur	0	0	0	0	0	0	0	0
Unique Other	0	0	0	0	0	0	0	0
TOTAL RECUR	-138	-1,654	-4,177	-11,172	-28,942	-50,745	-96,829	-62,021
TOTAL NET COST	33,647	22,079	44,489	55,601	14,605	-11,633	158,788	-62,021

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Base	Personnel		SF		
	Change	%Change	Change	%Change	Chg/Per
KIRTLAND	-6,388	-38%	-968,000	-10%	151
OFFUTT	0	0%	0	0%	0
BASE X	1,950	13%	51,400	0%	26
EGLIN	668	6%	82,265	1%	123
LACKLAND	67	1%	8,400	0%	125
NELLIS	110	1%	30,600	0%	278
KELLY	652	4%	82,250	1%	126
HOLLOMAN	1,566	28%	570,998	9%	365

Base	RPMA(\$)			BOS(\$)		
	Change	%Change	Chg/Per	Change	%Change	Chg/Per
KIRTLAND	-6,201	-9%	1	-6,460,783	-23%	1,011
OFFUTT	0	0%	0	0	0%	0
BASE X	21,431	0%	11	1,649,402	7%	846
EGLIN	151,767	1%	227	1,519,640	3%	2,275
LACKLAND	5,253	0%	78	98,298	0%	1,467
NELLIS	18,918	0%	172	113,807	1%	1,035
KELLY	79,652	0%	122	334,567	2%	513
HOLLOMAN	156,063	6%	100	1,548,413	14%	989

Base	RPMABOS(\$)		
	Change	%Change	Chg/Per
KIRTLAND	-6,466,983	-23%	1,012
OFFUTT	0	0%	0
BASE X	1,670,833	5%	857
EGLIN	1,671,407	2%	2,502
LACKLAND	103,552	0%	1,545
NELLIS	132,725	1%	1,206
KELLY	414,220	1%	635
HOLLOMAN	1,704,476	13%	1,088

RPMA/BOS CHANGE REPORT (COBRA v5.08)
 Data As Of 15:14 02/20/1995, Report Created 08:22 03/01/1995

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

Net Change(\$K)	1996	1997	1998	1999	2000	2001	Total	Beyond
RPMA Change	0	-1	219	313	360	428	1,319	427
BOS Change	261	573	1,442	1,388	696	-865	3,494	-1,197
Housing Change	89	-912	-2,526	-4,053	-5,791	-7,805	-20,998	-9,070
TOTAL CHANGES	350	-340	-864	-2,351	-4,736	-8,242	-16,184	-9,840

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION

Model Year One : FY 1996

Model does Time-Phasing of Construction/Shutdown: No

Base Name	Strategy:
-----	-----
KIRTLAND, NM	Realignment
OFFUTT, NB	Realignment
BASE X	Realignment
EGLIN, FL	Realignment
LACKLAND, TX	Realignment
NELLIS, NV	Realignment
KELLY, TX	Realignment
HOLLOMAN, NM	Realignment

Summary:

 Cantone Philips Lab, civilianize through force structure changes (adjusted)
 Move SOF training to Holloman, move DNA to Nellis/Kelly
 Move most AF tenants to Kelly, AFOTEC to Eglin, AFOSP to Lackland

Move all others to Base X (add and subtract all DoD tenants)

INPUT SCREEN TWO - DISTANCE TABLE

From Base:	To Base:	Distance:
-----	-----	-----
KIRTLAND, NM	BASE X	1,000 mi
KIRTLAND, NM	EGLIN, FL	1,356 mi
KIRTLAND, NM	LACKLAND, TX	740 mi
KIRTLAND, NM	NELLIS, NV	586 mi
KIRTLAND, NM	KELLY, TX	739 mi
KIRTLAND, NM	HOLLOMAN, NM	220 mi

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from KIRTLAND, NM to BASE X

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	13	26	66	80	66	16
Enlisted Positions:	22	44	112	134	112	24
Civilian Positions:	61	123	308	370	308	65
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from KIRTLAND, NM to EGLIN, FL

	1996	1997	1998	1999	2000	2001
	----	----	----	----	----	----
Officer Positions:	17	34	86	103	86	18
Enlisted Positions:	5	10	25	30	25	8
Civilian Positions:	11	22	55	66	55	12
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	2,000
Suppt Eqpt (tons):	0	0	0	0	0	1,000
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from KIRTLAND, NM to LACKLAND, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	0	1	4	4	4	3
Enlisted Positions:	1	3	7	9	7	4
Civilian Positions:	1	2	5	6	5	1
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from KIRTLAND, NM to NELLIS, NV

	1996	1997	1998	1999	2000	2001
Officer Positions:	1	3	7	9	7	3
Enlisted Positions:	1	3	7	9	7	3
Civilian Positions:	2	5	12	15	12	4
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	0
Suppt Eqpt (tons):	0	0	0	0	0	0
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from KIRTLAND, NM to KELLY, TX

	1996	1997	1998	1999	2000	2001
Officer Positions:	10	21	54	65	54	14
Enlisted Positions:	5	11	31	37	31	11
Civilian Positions:	14	30	76	91	76	21
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	500
Suppt Eqpt (tons):	0	0	0	0	0	1,000
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from KIRTLAND, NM to HOLLOMAN, NM

	1996	1997	1998	1999	2000	2001
Officer Positions:	9	19	48	58	48	12
Enlisted Positions:	58	117	293	352	293	61
Civilian Positions:	9	19	49	59	49	13
Student Positions:	0	0	0	0	0	0
Missn Eqpt (tons):	0	0	0	0	0	1,000
Suppt Eqpt (tons):	0	0	0	0	0	2,000
Military Light Vehicles:	0	0	0	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

(See final page for Explanatory Notes)

Department : Air Force
 Option Package : Cntn Kirtland
 Scenario File : C:\COBRA\REPORT95\RECOMEND\FINAL\KIRTLAND.CBR
 Std Fctrs File : C:\COBRA\REPORT95\RECOMEND\DEPOT.SFF

INPUT SCREEN FOUR - STATIC BASE INFORMATION

Name: KIRTLAND, NM

Total Officer Employees:	1,416	RPMA Non-Payroll (\$K/Year):	67
Total Enlisted Employees:	2,962	Communications (\$K/Year):	883
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	26,346
Total Civilian Employees:	11,759	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	52.0%	Family Housing (\$K/Year):	10,788
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.02
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	9,762	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	147	Activity Code:	AF045
Enlisted VHA (\$/Month):	83		
Per Diem Rate (\$/Day):	94	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: OFFUTT, NB

Total Officer Employees:	1,932	RPMA Non-Payroll (\$K/Year):	4,953
Total Enlisted Employees:	6,880	Communications (\$K/Year):	762
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	12,952
Total Civilian Employees:	1,382	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	33.0%	Family Housing (\$K/Year):	9,384
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	0.98
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	6,282	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	117	Activity Code:	AF068
Enlisted VHA (\$/Month):	86		
Per Diem Rate (\$/Day):	87	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: BASE X

Total Officer Employees:	736	RPMA Non-Payroll (\$K/Year):	6,147
Total Enlisted Employees:	3,263	Communications (\$K/Year):	3,887
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	21,001
Total Civilian Employees:	11,455	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	54.0%	Family Housing (\$K/Year):	6,225
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	13,709	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	66	Activity Code:	00001
Enlisted VHA (\$/Month):	50		
Per Diem Rate (\$/Day):	69	Homeowner Assistance Program:	Yes
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Name: EGLIN, FL

Total Officer Employees:	1,428	RPMA Non-Payroll (\$K/Year):	19,708
Total Enlisted Employees:	6,087	Communications (\$K/Year):	323
Total Student Employees:	0	BOS Non-Payroll (\$K/Year):	48,998
Total Civilian Employees:	4,041	BOS Payroll (\$K/Year):	0
Mil Families Living On Base:	34.0%	Family Housing (\$K/Year):	8,792
Civilians Not Willing To Move:	6.0%	Area Cost Factor:	1.00
Officer Housing Units Avail:	0	CHAMPUS In-Pat (\$/Visit):	0
Enlisted Housing Units Avail:	0	CHAMPUS Out-Pat (\$/Visit):	0
Total Base Facilities(KSF):	9,932	CHAMPUS Shift to Medicare:	20.9%
Officer VHA (\$/Month):	84	Activity Code:	21
Enlisted VHA (\$/Month):	57		
Per Diem Rate (\$/Day):	91	Homeowner Assistance Program:	No
Freight Cost (\$/Ton/Mile):	0.07	Unique Activity Information:	No

Document Separator

1995 AIR FORCE BASE QUESTIONNAIRE
Kirtland AFB - AFMC

Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	2,722.00 \$sK	16.00 \$sK	2,738.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1,648.00 \$sK	142.00 \$sK		1,790.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	2,645.00 \$sK	234.00 \$sK			2,879.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	7,753.00 \$sK	0.00 \$sK				7,753.00 \$sK
		xxx56 TOTALS:			2,738.00 \$sK	1,790.00 \$sK	2,879.00 \$sK	7,753.00 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK			0.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK				0.00 \$sK
		xxx76 TOTALS:			0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK		0.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	2,422.00 \$sK	52.00 \$sK			2,474.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	63.00 \$sK	0.00 \$sK				63.00 \$sK
		xxx78 TOTALS:			0.00 \$sK	0.00 \$sK	2,474.00 \$sK	63.00 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				

1995 AIR FORCE BASE QUESTIONNAIRE

Kirtland AFB - AFMC

		3400	100.00 \$sK	12.00 \$sK	112.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	74.00 \$sK	0.00 \$sK		74.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	254.00 \$sK	9.00 \$sK			263.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	145.00 \$sK	0.00 \$sK				145.00 \$sK
		xxx90 TOTALS:			112.00 \$sK	74.00 \$sK	263.00 \$sK	145.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	850.00 \$sK	1,222.00 \$sK	2,072.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1,132.00 \$sK	1,055.00 \$sK		2,187.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	1,789.00 \$sK	445.00 \$sK			2,234.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	718.00 \$sK	116.00 \$sK				834.00 \$sK
		xxx95 TOTALS:			2,072.00 \$sK	2,187.00 \$sK	2,234.00 \$sK	834.00 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	6,833.00 \$sK	233.00 \$sK	7,066.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	7,146.00 \$sK	725.00 \$sK		7,871.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	16,627.00 \$sK	20,467.00 \$sK			37,094.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	15,427.00 \$sK	9,325.00 \$sK				24,752.00 \$sK
		xxx96 TOTALS:			7,066.00 \$sK	7,871.00 \$sK	37,094.00 \$sK	24,752.00 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		7045	7,672.00 \$sK	33.00 \$sK	7,705.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		7045	7,146.00 \$sK	44.00 \$sK		7,190.00 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		7045	15,511.00 \$sK	91.00 \$sK			15,602.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				

1995 AIR FORCE BASE QUESTIONNAIRE
Kirtland AFB - AFMC

7045	6,921.00 \$sK	106.00 \$sK				7,027.00 \$sK
MFH TOTALS:			7,705.00 \$sK	7,190.00 \$sK	15,602.00 \$sK	7,027.00 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 5,852.00 K

1995 AIR FORCE BASE QUESTIONNAIRE

Kirtland AFB - AFMC

Section IV/V Level Playingfield COBRA Data

One time closure costs: 448\$sM

Twenty year Net Present Value (469)\$sM

Steady state savings 81\$sM per year

Manpower savings associated with closure 1,492

Return on Investment (years): 6

1995 AIR FORCE BASE QUESTIONNAIRE
Kirtland AFB - AFMC

Section VI Economic Impact**Economic Area Statistics:****Bernalillo County, NM****Total population: 499,000 (FY 92)****Total employment: 327,209 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****6.6% / 5.5% / 5.8%****Average annual job growth: 4,018****Average annual per capita income: \$18,582****Average annual increase in per capita income: \$4.8%****Projected economic impact:**

Direct Job Loss:	10,915	
Indirect Job Loss:	<u>10,518</u>	
Closure Impact:	21,433	(6.6% of employment total)
Other BRAC Losses:	<u>0</u>	
Cumulative Impact:	21,433	(6.6% of employment total)

1995 AIR FORCE BASE QUESTIONNAIRE

Kirtland AFB - AFMC

Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 5.5 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$742

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
Sun -Tran of Albuquerque
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 4 miles
- VII.1.B.2 Airport name: Albuquerque International Airport
- VII.1.B.3 Number of commercial air carriers available at the airport: 9
- VII.1.B.4 Average round trip commuting time to work: 50 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	Los Altos Park	1		05	Min.
VII.1.C.2 Movie theater	Four Hills Movies	3		04	Min.
VII.1.C.3 Public golf course	Puerto del Sol Golf Course	1		05	Min.
VII.1.C.4 Bowling lane	Leisure Bowl	1		05	Min.
VII.1.C.5 Boating	Cochiti Lake	60	1	15	Min.
VII.1.C.6 Fishing	Isleta Lake	18		30	Min.
VII.1.C.7 Zoo	Rio Grande Zoo	6		20	Min.
VII.1.C.8 Aquarium	Sea World	732	14	00	Min.
VII.1.C.9 Family theme park	The Beach Water Park	4		20	Min.
VII.1.C.10 Professional sports	Albuquerque Dule Stadium	6		10	Min.
VII.1.C.11 Collegiate sports	University of New Mexico	3		15	Min.

1995 AIR FORCE BASE QUESTIONNAIRE

Kirtland AFB - AFMC

VII.1.C.12	Camping facilities	Coronado State Park and Monuments	6		Hrs.	20	Min.
VII.1.C.13	Beaches (lake or ocean)	Cochiti Lake	60	1	Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Sandia Peak	20		Hrs.	35	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Winrock and Coronado Malls 10 min (2 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Downtown, Albuquerque NM 30 min (6 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 1196

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 6360

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 24 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 45.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Albuquerque Technical-Vocational Institution

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

University of New Mexico & College of Santa Fe

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

University of New Mexico & College of Santa Fe

3. Spousal Employment

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- VII.3.A 91.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 86.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 6.6 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 5.8 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 3.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 5.0 beds/1000 people

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: Albuquerque-Bernalillo County

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Carbon Monoxide	Moderate
-----------------	----------

VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable**VIII.2.A The base potable water supply is On-base and the source is:**

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Aquifer

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. metals, halogenated hydrocarbons, volatile and semi-volatile organics, and dissolved ionic solids.

VIII.3.A.2 The contaminated groundwater is a potable water source

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C 12 water wells exist at the base.

VIII.3.D 2 wells have been abandoned for the following reasons:

One caved in and one pumps sand.

4. Water - Surface Water

VIII.4.A There No perennial bodies of water located on base.

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

An NPDES permit for construction on five or more acres; a State permit for ground water discharges.

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

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5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

Kirtland AFB is authorized to discharge storm water under a General Discharge Permit for storm water.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:

City of Albuquerque Public Owned Treatment Works.

VIII.6.C The base has discharge impoundments.

VIII.6.C.1 There are 1 water/wastewater treatment impoundments.

VIII.6.C.2 There are No industrial wastewater treatment impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 8.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 98.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. Ecological or wildlife management areas ADJACENT TO the base:
18,675 acres of US Forest Service withdrawal land are adjacent to Kirtland AFB. This land remains under the jurisdiction of the US Forest Service for management practices. The US Air Force and Department of Energy have control for use of land.
- VIII.8.A.1** Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B** No critical/sensitive habitats have been identified on base .
- VIII.8.C** The base does not have a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D** The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources constrains FUTURE construction activities/operations:
Any activities taking place in the Forest Service's withdrawn land has to be coordinated and approved by the Forest Supervisor before any construction is started.

9. Biological - Threatened and Endangered Species

- VIII.9.A** There are No Threatened or endangered species identified on the base.
- VIII.9.B** There are No Special Concern species identified on the base.

10. Biological - Wetlands

- VIII.10.A** There are No wetlands, estuaries, or other special aquatic features present on the base.
- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has Not been surveyed for wetlands in accordance with established federally approved guidelines.

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VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:	Significant status:
Buuildings 1900, 1901, 1905, 1908 and 1909	Eligible by SHPO letter, 25 JUN 91
Buildings 20388, 20344, and 20600	Eligible by SHPO letter, 12 SEP 90
Ten archaeological sites	Eligible by SHPO

VIII.12.B 3 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 60 percent of the base has been surveyed.

VIII.12.D.2 Archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has an agreement with a historic preservation agency.

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Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

VIII.12.E.1 Description: Memorandum of Agreement between Kirtland AFB, New Mexico State Historic Preservation Officer, and Advisory Council for Historic Preservation

Signatories: Brig Gen James L. Higham, Mr. Thomas W. Merlan, and Mr. Robert D. Bush

Date signed: Oct 92

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 55 IRP sites have been identified

VIII.13.A.2 1 IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1999

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 175 sites are being investigated and remediated.

VIII.13.F The IRP does Not currently restrict construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$1,254.000 K	\$1,225.000 K	\$1,175.000 K	\$3,475.000 K	\$5,275.000 K
IRP	\$3,500.000 K	\$4,986.000 K	\$5,083.000 K	\$12,528.000 K	\$20,104.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Other(s) Specify: Waste Water Compliance	\$3,746.000 K	\$2,880.000 K	\$1,897.000 K	\$4,265.000 K	\$3,236.000 K
Permits	\$36.000 K	\$23.000 K	\$23.000 K	\$23.000 K	\$23.000 K

15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

LOCAL: City owned Joint-use airport provides low cost O&M for its use. City/County Gibson Corridor enhances transportation to and from the base.

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FEDERAL: DOE owned land lies within the boundaries of Kirtland. These joint use areas provide efficient facility and land use. US Forest Service withdrawn land, 18,000 acres, allows entire land use for training and R&D for both DOE and DOD.

16. Air Quality - Clean Air Act

- VIII.16.A** Air Quality Control Area (AQCA) geographic region in which the base is located:
Albuquerque-Bernalillo County
- VIII.16.B** Air quality regulatory agency responsible for the AQCA.: Albuquerque/Bernalillo County Air Quality Control Board through the
AEHD/APC Div.
- VIII.16.B** Name and phone number of the AQCA program manager for issues pertaining to the base:
Mr. Steven W. Walker (505) 768-2600
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:
- | | |
|---|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Non-Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7** The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT
- VIII.16.D.1** Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.12 ppm
- VIII.16.D.2** Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm
- VIII.16.D.3** Ozone Design value is 100.0% of NAAQS
- VIII.16.D.4** Carbon monoxide Design value is 100.0% of NAAQS
- VIII.16.E.2** Albuquerque-Bernalillo County
- VIII.16.E.3**
- VIII.16.E.4** The base is Not in a rural transport area
- VIII.16.E.5** The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

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- VIII.16.H The EPA-designated severity of nonattainment for Carbon monoxide is MODERATE
- VIII.16.I The AQCA's Carbon monoxide plan contains No quantitative measures for military aircraft.
Measures include quantitative limits, projections, restrictions, or emissions budgets.
- VIII.16.J The AQCA does not have VMT forecasts or they can not be obtained.

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Section IX

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II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed

II.2.F.9

Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Aprons	B-1B	SY	275,000	12" PCC & 12" stabilized base to meet Medium class category airfield for Aprons A, B, and C.
Aprons	B-52	SY	275,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A, B, & C.
Aprons	C-141	SY	275,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A, B, & C.
Aprons	C-5B	SY	275,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A, B, & C.
Aprons	F-15	SY	185,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A & B.
Aprons	F-16C/D	SY	185,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A & B.
Aprons	KC-10	SY	275,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A, B, & C.
Aprons	KC-135R	SY	275,000	12" PCC & 12" stabilized base to meet Medium class airfield for Aprons A, B, & C.

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 623,681 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
Apron A	1,375 ft	350 ft	Neither	Customs, Forestry
Apron B	1,585 ft	425 ft	Transient Aircraft	Excess
Apron C	1,000 ft	500 ft	Primary Aircraft	Ross Aviation
Apron D	2,275 ft	525 ft	Primary Aircraft	AETC helipads
Apron E	2,750 ft	1,250 ft	Primary Aircraft	AETC PAA

II.2.G.2 Permanently assigned aircraft currently require 283,000 Sq Yds of parking space.

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Altitude: 100'-1500' AGL

I.2.E.7 Published availability of the airspace:

Sunrise - 2200L daily

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 382 hrs

I.2.E.7.b Hours used: 357 hrs

I.2.E.7.c Reasons for non-use:

Combination of Weather, Maintenance, and Operational losses

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

400-450 NM long by 20-55 NM wide

I.2.E.11 96.00 percent of the airspace is usable.

Airspace: VR-1195

I.2.E.2 An environmental analysis has Not been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:

I.2.E.3.a Ft Sumner Airport

I.2.E.3.b No affect on or threat to the quality of training or the mission.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.4.a Pecos Low and Taiban MOAs

I.2.E.4.a Public use airports

I.2.E.4.a R5104A and R5105

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I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

I.2.E.6 **Restrictions currently acting on this airspace:**

Altitude: 100' - 1500' AGL

I.2.E.7 **Published availability of the airspace:**

Sunrise - 2200L daily

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled:** 382 hrs

I.2.E.7.b **Hours used:** 357 hrs

I.2.E.7.c **Reasons for non-use:**

Combination of Weather, Maintenance, and Operational Losses

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand hours and volume to increase the airspace utilization.**

I.2.E.10 **Description of the volume or area of the Airspace:**

400-480 nm long by 20-55 nm wide

I.2.E.11 **96.00 percent of the airspace is usable.**

Airspace: VR-176

I.2.E.2 **An environmental analysis has Not been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.**

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 **List of Noise Sensitive Areas (NSAs) associated with the airspace:**

I.2.E.3.a **Area north of southern tip Not Listed**

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- I.2.E.3.0** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Area west of route Not Listed
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- | | |
|------------------|---------------------------|
| I.2.E.4.a | Informal DZ at Burris |
| I.2.E.4.a | Public use airports |
| I.2.E.4.a | White Sands Missile Range |
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
 Altitude: 100' to 1500' AGL
 Avoid R5107 unless scheduled
- I.2.E.7** Published availability of the airspace:
 1500-2400Z daily, 2400-1500Z available
 Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 1,588 hrs
- I.2.E.7.b** Hours used: 1,583 hrs
- I.2.E.7.c** Reasons for non-use:
 Combination of weather, maintenance, and operational losses.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
 20,000 square NM
- I.2.E.11** 95.00 percent of the airspace is usable.
- Commercial Aviation Impact**
- I.2.E.12** The base is joint-use (military/civilian).

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I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Albuquerque International Airport	Commercial
Alexander Muni	Uncontrolled
Coronado	Uncontrolled
Double Eagle	Uncontrolled
Espanola Muni	Uncontrolled
Grants-Milan Muni	Uncontrolled
Los Alamos	Civilian
Mid Valley	Uncontrolled
Moriarity	Uncontrolled
Sandia Airpark Estates East	Uncontrolled
Santa Fe Co Muni	Commercial
Transwestern Pipeline Nr 6	Civilian

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.7	99.5	98.5	97.3	97.2

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 92.5 percent of the time

I.2.J.2.b Is at or below 25 knots 97.9 percent of the time

I.2.J.3 21 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

Site	Description	Total Average	Average Presently Developed	Average Suitable for New Development	Kirtland AFB	
					Main Base	TOTALS:
II.A.1		44,025	33,605	10,420	44,025	33,605
						10,420

B. Facilities

II.B.1 From real property records:

Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	Excess Capacity (C)
II.1.B.1.a.i	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	Communications-Buildings	SF	N/A	38,756	86.0	14.0	0.0	N/A
II.1.B.1.c	Operations-Buildings	SF	N/A	186,219	62.0	28.0	10.0	N/A
II.1.B.1.c.i	Aerial Delivery Facility	SF	15,772	15,772	100.0	0.0	0.0	0
II.1.B.1.c.ii	Squadron Operations	SF	42,076	56,774	72.0	28.0	0.0	14,698
II.1.B.1.c.iii	Air Freight Terminal	SF	7,200	153	100.0	0.0	0.0	0
II.1.B.1.c.iv	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	Training Buildings	SF	N/A	451,067	55.0	43.0	2.0	N/A
II.1.B.1.d.i	Flight Training	SF	59,946	47,580	52.0	48.0	0.0	0
II.1.B.1.d.ii	Combat Crew Tmg Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	Flight Simulator Training (High Bay)	SF	102,228	72,228	68.0	32.0	0.0	0
II.1.B.1.d.iv	Companion Tmg Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	Field Training Facility	SF	11,000	10,421	0.0	100.0	0.0	0
II.1.B.1.e	Maintenance Aircraft	SF	N/A	616,013	79.0	19.0	2.0	N/A
II.1.B.1.e.i	Maintenance Hanger	SF	266,900	245,717	87.0	42.0	0.0	0
II.1.B.1.e.ii	General Purpose Aircraft Maintenance	SF	63,100	59,447	74.0	26.0	0.0	0
II.1.B.1.e.iii	DASH 21	SF	7,000	7,000	74.0	26.0	0.0	0
II.1.B.1.e.iv	Non-Destructive Inspection (NDI) Lab	SF	7,200	4,234	0.0	100.0	0.0	0
II.1.B.1.e.v	Aircraft Maintenance Unit	SF	37,700	41,297	93.0	7.0	0.0	3,597

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II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	36,500	42,912	27.0	73.0	0.0	6,412
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	50,800	60,012	5.0	95.0	0.0	9,212
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	62,879	62,879	100.0	0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	110,766	55,121	100.0	0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	134,776	14,121	100.0	0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	18,900	16,457	15.0	85.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	10,000	13,816	35.0	0.0	65.0	3,816
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	96,367	80.0	20.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	68,500	79,029	10.0	90.0	0.0	10,529
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	5,500	4,216	0.0	100.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	11,200	9,575	0.0	100.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	2,400	945	0.0	0.0	100.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	90,363	62.0	38.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	49,568	66,392	57.0	43.0	0.0	16,824
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	6,152	6,152	0.0	100.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	25,603	25,603	73.0	4.0	23.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	15,900	16,621	29.0	71.0	0.0	721
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	8,500	16,754	100.0	0.0	0.0	8,254
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	188,957	13.0	86.0	1.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	544,370	10.0	90.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A		0.0	0.0	100.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	22,192	98.0	0.0	2.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	78,240	16.0	83.0	1.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	64,286	151,058	100.0	0.0	0.0	86,772
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	651,005	98.0	1.0	1.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	305,475	305,475	100.0	0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	3,600	2,520	100.0	0.0	0.0	0

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Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage Cond Code 1 (%)	Percentage Cond Code 2 (%)	Percentage Cond Code 3 (%)
II.1.B.1.t.!!!	422-264 Igloo Magazine	SF	326,500	327,303	84.0	15.0
II.1.B.1.t.IV	422-265 Spare Inert Storage (Alternate Mission Equipmen	SF	0	0	0.0	0.0
II.1.B.1.t.v	422-275 Ancillary Explosives Facility (Holding Pad)	SF	0	0	0.0	0.0
II.1.B.1.u	441 Storage-Covered Depot & Arsenal	SF	N/A	0	0.0	0.0
II.1.B.1.v	442 Storage-Covered-Installation & Organ	SF	N/A	397,825	81.0	13.0
II.1.B.1.v.I	442-257a Hydrazine Storage	SF	0	0	0.0	0.0
II.1.B.1.v.II	442-258 LOX Storage	GA	7,000	7,000	100.0	0.0
II.1.B.1.v.III	442-758 Base Warehousing Supplies and Equipment	SF	228,840	279,989	94.0	2.0
II.1.B.1.v.IV	442-758a Base Warehousing Supplies and Equipment (W	SF	0	0	0.0	0.0
II.1.B.1.v.v	442-758b Warehousing Supplies and Equipment (AGS Par	SF	0	0	0.0	0.0
II.1.B.1.w	510 Medical Center and/or Hospital	SF	N/A	168,734	78.0	22.0
II.1.B.1.x	530 Medical Laboratories	SF	N/A	5,609	33.0	67.0
II.1.B.1.y	540 Dental Clinics	SF	N/A	12,580	100.0	0.0
II.1.B.1.z	550 Dispensaries and/or Clinics	SF	N/A	0	0.0	0.0
II.1.B.1.aa	610 Administrative Buildings	SF	N/A	1,329,795	18.0	70.0
II.1.B.1.aa.I	610-144 Munitions Maintenance Administration	SF	1,000	14,030	100.0	0.0
II.1.B.1.aa.II	610-144a Munitions Line Delivery/Storage Section	SF	0	0	0.0	0.0
II.1.B.1.bb	721 Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	1,541	32.0	58.0
II.1.B.1.bb.I	721-312 Unaccompanied Enlisted Dorm	PN	974	1,348	37.0	56.0
II.1.B.1.cc	722 Dining Hall	SF	N/A	32,103	50.0	50.0
II.1.B.1.cc.I	722-351 Airman Dining Hall	SF	30,900	32,103	50.0	50.0
II.1.B.1.dd	724 Unaccompanied Officer Housing (OO & VOQ)	PN	N/A	234	7.0	77.0
II.1.B.1.ee	730 Personnel Support and Services Facilities	SF	N/A	178,241	51.0	46.0
II.1.B.1.##	740 Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	676,088	0.0	88.0
II.1.B.1.gg	852-273 Aft Support Equipment Storage	SF	931	931	100.0	0.0

Notes for specific Cat Codes:

II.1.B.1.e.xiii 211-183 Designated for removal
 II.1.B.1.k.I 218-712 Designated for removal
 II.1.B.1.dd 724 Non-Air Force used. Under permit to Department of Energy, will request HQ USAF approval for Change in Use of Bldgs 01900 thru 01910. Will request Change in Use of Bldg 23225.
 II.1.B.1.ee 730 Facility in Condition Code 6 and 19 facilities in Condition Code 4
 II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage Cond Code 1 (%)	Percentage Cond Code 2 (%)	Percentage Cond Code 3 (%)
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	38,333	0.0	0.0	100.0

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II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	409,072	15.0	85.0	0.0
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	673,459	23.0	74.0	3.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	58,000	20.0	80.0	0.0
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	3,460,703	100.0	0.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	108,116	0.0	100.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	478,904	100.0	0.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	842,141	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	9,028	80.0	20.0	0.0
II.1.B.1.j	851	Roads	SY	7,458,278	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	1,317,021	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.a Owned by City of Albuquerque NM

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

- II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:
- II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:
- II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis: (includes E-1 - E3 requirements)
- II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.
- II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units: (includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)
- II.1.C.2 Condition**
- II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair: (includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)
- II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement: (Units meeting whole-house standards are those that were programmed/ renovated after FY88).
- II.1.C.2.a Number of new housing units projected to meet current deficit.

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II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 21.0 percent of officer families live on base.

II.1.C.3.b 70.0 percent of enlisted families live on base.

II.1.C.3.a 52.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions: Length Width		Cross Runway	Aircraft Arresting Systems (II.2.I) Number Types	
03	Secondary	9000 ft	100 ft	Yes		None
12	Secondary	5130 ft	150 ft	Yes		None
17	Secondary	10010 ft	150 ft	Yes		None
21	Secondary	9000 ft	100 ft	Yes		None
26	Secondary	13775 ft	300 ft	No	1	BAK 9
30	Secondary	5130 ft	150 ft	Yes		None
35	Secondary	10010 ft	150 ft	Yes	1	BAK 12/14
8	Primary	13775 ft	300 ft	No	1	BAK 12/14

II.2.A There are 8 active runways.

II.2.A.1 There are 6 cross (30 degrees from primary) runways.

II.2.B There are 1 parallel runways (excluding main runway).

II.2.C Dimensions of the primary runway (8).

II.2.C.1 Length: 13,775 ft

II.2.C.2 Width: 300 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 150 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCEA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCEA Pavement Evaluation Report was used to complete this section.

				Primary Pavements			
Aircraft Group		Criteria		Runways	Taxiways	Aprons	
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Upgrade Needed

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- II.2.G.3** 263,000 Sq Yds of parking space is available for parking additional non-transient aircraft.
- II.2.G.4** The following factors limit aircraft parking capability:
Apron A, No low intake fighters, FOD hazard; Apron B, No low intake fighters, FOD hazard, and load bearing capability; Apron C, limited access due to adjacent asphalt deterioration; Apron D, 30% of available SY required for AETC PAA Helipads.
- II.2.H** The dimensions of the (largest) transient parking area:
- II.2.I** Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)
- II.2.J** Critical features relative to the airfield pavement system that limit its capacity:
Sections of existing ramps unusable or restricted due to deterioration, access and load bearing capacity.

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3. Utility Systems

II.3.A	The overall system capacity and percent current usage for utility system categories:			
	Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1	Water:	18.4 MG/D	MG/D - million gallons per day	42 %
II.3.A.2	Sewage:	14.0 MG/D		16 %
II.3.A.3	Electrical distribution:	100.0 MW	MW - million watts	56 %
II.3.A.4	Natural Gas:	28.50 MCF/D	MCF/D - million cubic feet per day	40 %
II.3.A.5	High temperature water/steam generation/distribution:	676.0 MBTUH	MBTUH - million British thermal units per hour	24 %

II.3.B Characteristics regarding the utility system that should be considered:

Projected east and west side upgrade of electrical/steam/gas lines.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1	Facility number: 333	Hanger		
	Current Use:	Air Freight Storage and Aero Club Maintenance		
II.4.A.2	Size (SF):	38,500 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	F-111		
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	110 ft	28 ft	
II.4.A.6	Largest unobstructed space inside the facility:	120 ft	28 ft	220 ft
II.4.A.1	Facility number: 481	Hanger		
	Current Use:	Ross Aviation (contracted) Maintenance		
II.4.A.2	Size (SF):	33,760 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	MD-80		
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	140 ft	29 ft	
II.4.A.6	Largest unobstructed space inside the facility:	160 ft	29 ft	211 ft

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II.4.A.1	Facility number: 482	Hanger		
	Current Use:	Aircraft Wash Rack		
II.4.A.2	Size (SF):	44,100 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-135		
	DIMENSIONS:			
		Width	Height	Length
II.4.A.5	Door Opening:	160 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	160 ft	40 ft	209 ft
II.4.A.1	Facility number: 1000	Hanger		
	Current Use:	H-1, H-53, and H-60 inspection docks		
II.4.A.2	Size (SF):	117,000 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-135		
	DIMENSIONS:			
		Width	Height	Length
II.4.A.5	Door Opening:	370 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	92 ft	40 ft	189 ft
II.4.A.1	Facility number: 1001	Hanger		
	Current Use:	Maintenance Overflow when other hangars occupied		
II.4.A.2	Size (SF):	108,000 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-135		
	DIMENSIONS:			
		Width	Height	Length
II.4.A.5	Door Opening:	330 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	102 ft	40 ft	240 ft
II.4.A.1	Facility number: 1002	Hanger		
	Current Use:	C-130 Maintenance and Inspection docks		
II.4.A.2	Size (SF):	117,000 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:	C-135		
	DIMENSIONS:			
		Width	Height	Length
II.4.A.5	Door Opening:	370 ft	40 ft	
II.4.A.6	Largest unobstructed space inside the facility:	92 ft	40 ft	189 ft

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
Adv Opt Telescope	7,942 SF	310931	World's largest telescope capable of tracking low earth-orbiting sat

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Airborne Laser	79,717 SF	310928	ellites
Explos Ordnance Disposal Range		831-173	Develop and then demonstrate technologies to acquire, track, and kill theater ballistic missiles during boost phases
GWEN Tower	43,560 SF		Dispose of unserviceable munitions, incendiaries, or chemical materials by means of burning or demolition
High Energy Microwave	25,490 SF	310924	Provide ground wave emergency network transmission
High Energy Research Facility	26,834 SF	310-922	High power microwave tests of military systems tot he size of a fighter acft and main battle tanks
Interserv Nuclear Weapons Scho	50,389 SF	171-623	Research and Development experimental work in Plasma Physics
Manzano Weapons Storage Area	125,452,800 SF	422-264	Weapons School
Peacekeeper Challenge	130,000 SF		Partially occupied by Department of Energy
Plasma research Lab	34,961 SF	310928	Active Field Competition between Security Police Agencies Worldwide
QUEEN BEE	35,679 SF	211-157	Performs exploratory experimental and computational research on military application of high energy pulsed power systems
Space Structures Lab	4,862 SF	312472	Perform Depot and field level maintenance
Underground Munitions Storage	288,545 SF	422-253	Designed to contain one of a kind in the world, large scale, large angle, three axis motion equipment
			Munitions Storage

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.1	03	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	08	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	12	CZ	12	138	5.0	Sig Incompat	0.0	5.0	0.0	0.0	0.0	95.0
	17	CZ	160	207	33.0	Sig Incompat	20.0	13.0	0.0	0.0	25.0	42.0
	21	CZ	0	138	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	26	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	30	CZ	4	138	2.0	Sig Incompat	0.0	0.0	2.0	0.0	0.0	98.0
	35	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.2	03	APZ 1	0	230	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

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II.6.A.3	08	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	12	APZ 1	100	230	20.0	Sig Incompat	20.0	0.0	0.0	0.0	0.0	80.0
	17	APZ 1	1,000	344	94.0	Sig Incompat	94.0	0.0	0.0	0.0	6.0	0.0
	21	APZ 1	30	230	10.0	Incompat	0.0	0.0	10.0	0.0	0.0	90.0
	26	APZ 1	1,000	344	20.0	Sig Incompat	0.0	0.0	20.0	0.0	0.0	80.0
	30	APZ 1	0	230	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35	APZ 1	0	344	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	03	APZ 2	12	321	3.0	Gen Compat	3.0	0.0	0.0	0.0	0.0	97.0
	08	APZ 2	0	482	4.0	Gen Compat	0.0	4.0	0.0	0.0	0.0	96.0
	12	APZ 2	100	321	20.0	Sig Incompat	20.0	0.0	0.0	0.0	0.0	80.0
	17	APZ 2	1,400	482	96.0	Sig Incompat	96.0	1.0	0.0	0.0	0.0	3.0
	21	APZ 2	1,000	321	100.0	Sig Incompat	95.0	5.0	0.0	0.0	0.0	0.0
	26	APZ 2	1,000	482	20.0	Sig Incompat	0.0	0.0	20.0	0.0	0.0	80.0
	30	APZ 2	0	321	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35	APZ 2	0	482	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	1,542	5,156	2	Gen Compat	2.0	1.0	2.0	0.0	0.0	95.0
II.6.A.5	70-75	226	2,449	2	Gen Compat	0.0	1.0	1.0	0.0	0.0	98.0
II.6.A.6	75-80	0	1,224	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.7	80+	0	900	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.1	03	CZ	0	138	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	08	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	12	CZ	12	138	5	Sig Incompat	0.0	5.0	0.0	0.0	0.0	95.0
	17	CZ	304	207	51	Sig Incompat	38.0	13.0	0.0	0.0	25.0	24.0
	21	CZ	0	138	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	26	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	30	CZ	4	138	2	Sig Incompat	0.0	0.0	2.0	0.0	0.0	98.0
	35	CZ	0	207	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.2	03	APZ 1	0	230	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	08	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

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II.6.B.3	12	APZ 1	100	230	20	Sig Incompat	20.0	0.0	0.0	0.0	0.0	80.0
	17	APZ 1	1,000	344	94	Sig Incompat	94.0	0.0	0.0	0.0	6.0	0.0
	21	APZ 1	30	230	10	Incompat	0.0	0.0	10.0	0.0	0.0	90.0
	26	APZ 1	1,000	344	20	Sig Incompat	0.0	0.0	20.0	0.0	0.0	80.0
	30	APZ 1	0	230	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35	APZ 1	0	344	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	03	APZ 2	12	321	3	Gen Compat	3.0	0.0	0.0	0.0	0.0	97.0
	08	APZ 2	0	482	4	Gen Compat	0.0	4.0	0.0	0.0	0.0	96.0
	12	APZ 2	100	321	20	Sig Incompat	20.0	0.0	0.0	0.0	0.0	80.0
	17	APZ 2	1,400	482	96	Sig Incompat	96.0	1.0	0.0	0.0	0.0	3.0
	21	APZ 2	1,000	321	100	Sig Incompat	95.0	5.0	0.0	0.0	0.0	0.0
	26	APZ 2	1,000	482	20	Sig Incompat	0.0	0.0	20.0	0.0	0.0	80.0
	30	APZ 2	0	321	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	35	APZ 2	0	482	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/1 FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.B.4	65-70	1,542	5,156	2	Gen Compat	2.0	1.0	2.0	0.0	0.0	95.0
II.6.B.5	70-75	226	2,449	2	Gen Compat	0.0	1.0	1.0	0.0	0.0	98.0
II.6.B.6	75-80	0	1,224	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.7	80+	0	900	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.C The most recent, publicly released AICUZ study is dated Sep 89

II.6.D Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft

Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map does Not reflect current flight tracks.

Explanation of areas where the current AICUZ study does not reflect the current situation:

Kirtland AFB NM was exempted from AICUZ studies be a HQ USAF/LEY letter dated 18 Mar 87. Outdated 1989 FAA Part 150 study is official noise doc for airfield operator.

II.6.E The AICUZ study was last updated on Sep 89

The study is no longer valid. Milestones for updateing the study:

II.6.E.1 Kirtland AFB NM was exempted by a HQ USAF/LEY letter dated 18 Mar 87. New Part 150 planned in 1996.

II.6.F Local governments have Not incorporated AICUZ recommendations into land use controls

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II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Albuquerque NM	201189	244501	332336	384736	450990

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Greater Albuquerque Area	262199	316784	430792	513062	586661

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Bernalillo County	262199	315774	420262	480577	535661

II.6.I All clear zone acquisition has been completed.

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

II.6.K Noise complaints are received from off base residents.

II.6.K.1 1.0 noise complaints per month (average) are received from off base residents.

II.6.L The base has implemented noise abatement procedures as follows:

II.6.L.1 No engine runups for maint from 2200-0600L; Aircraft traffic departing Runway 8 makes left turn away from Albuquerque; avoid overflight of pop areas; climb to 7,000' ASAP; No mil depts allowed on RW35, avoid zoo, helis fly above 500' AGL near city

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 3 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: Aircraft Cargo Loaders/40K, 2; Aircraft Cargo Loaders/25K, 3; Forklifts/10K, 463L, 14 (including WRM assets); Rollerized Trailers (Flatbed) 2.

III.1.A.2 2 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
747	Can land	Can taxi	Can park	Can refuel	
C-5	Can land	Can taxi	Can park	Can refuel	
KC-10	Can land	Can taxi	Can park	Can refuel	

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.F.6 Aircraft using pad over the last 5 years:

C-130, C-141, C-5, DC8, and VC-10

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is over 150 NM from a ground force installation.

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Albuquerque	3 NM
Gallup - McCune	101 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base has a dedicated passenger terminal.

III.1.I The base has a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

The 377th MEDGP serves as a Phase II surgical training facility for the 3790 MSTW, Sheppard AFB TX

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

One Mental Health Facility will be constructed, two barracks will be renovated, and one satellite pharmacy will be constructed.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

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- III.1.M.1** The project has been approved.
- III.1.M.2** Major MCP completed since 1989:
Construction of the Dental Clinic was completed in 1991.
- III.1.N** Base facilities have a total excess storage capacity of 52,132 sq ft.
- III.1.N.1** Base facilities have a total covered storage capacity of 316,087 sq ft.
- III.1.N.2** Breakout of the total covered storage capacity:
- | | |
|--|---------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 293,604 sq ft |
| Mobility storage: | 22,483 sq ft |
| War Readiness Support Kits (WRSK) storage: | 0 sq ft |
- III.1.O** 293 light military vehicles are on base.
- III.1.P** 484 heavy military and special vehicles are on base.

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- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.4.a** R5113 for two weeks annually
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Altitude: 13,500' MSL - FL510
Hours: 0600 - 2200L, daily
Subsonic
- I.2.E.7** Published availability of the airspace:
0600 - 2200L daily, other times by NOTAM
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled: 18 hrs
- I.2.E.7.b** Hours used: 13 hrs
- I.2.E.7.c** Reasons for non-use:
Combination of Weather, Maintenance, and Operational losses. Note: This airspace was activated on 16 Sep 93 with an expected usage of 200 hours annually.
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand hours and volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
Approximately 60 nm by 50 nm laterally, 13,500' MSL to FL 510 vertically.
- I.2.E.11** 100.00 percent of the airspace is usable.

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Airspace: SR-200

- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
Complete, current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.3.a** Candy Kitchen Not Listed
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** El Moro Natinal Monument Not Listed
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Guadalupe Not Listed
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Petrified Forest Nat Monument Not Listed
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:
Airspace is for C-130 only
Minimum altitude of 250' AGL,

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I.2.E.7 Published availability of the airspace:

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled:

I.2.E.7.b Hours used:

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.

I.2.E.10 Description of the volume or area of the Airspace:

I.2.E.11

Airspace: SR-201

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Current, Complete

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.

The DOPAA was Not used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

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- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6 There are No restrictions currently acting on this airspace
- I.2.E.7 Published availability of the airspace:
Unlimited
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled:
- I.2.E.7.b Hours used:
- I.2.E.8 Utilization of the airspace can be increased.
- I.2.E.9 It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.
- I.2.E.10 Description of the volume or area of the Airspace:
1,890 square NM
- I.2.E.11 100.00 percent of the airspace is usable.
Airspace: SR-212
- I.2.E.2 An environmental analysis has been conducted for this airspace.
- I.2.E.2.a Status of the environmental analysis and supplement:
Complete/current
- I.2.E.2.b There are problems No associated with the environmental analysis.
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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- I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a Area east of Albuquerque Not Listed**
- I.2.E.3.b Affect on or threat to the quality of training or the mission:**
Climb to 1,500' AGL for 10 NM is required
- I.2.E.3.a Dixon**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a Espanola Not Listed**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a Fenton Hill Heliport**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a Guadalupe**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a Hermit Peak Not Listed**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a Pecos National Monument Not Listed**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.3.a Rinconado Not Listed**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 There are No restrictions currently acting on this airspace**

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- I.2.E.7** **Published availability of the airspace:**
 Unlimited
 Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:**
- I.2.E.7.b** **Hours used:**
-
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 2,050 square NM
- I.2.E.11** **91.00 percent of the airspace is usable.**
Airspace: SR-213, SR-214 opp directions
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Complete and current
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
-
- I.2.E.3** **List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a** **Ainsworth Ranch**
- I.2.E.3.b** **No affect on or threat to the quality of training or the mission.**
-
- I.2.E.3.a** **Area east of Albuquerque Not Listed**
- I.2.E.3.b** **Affect on or threat to the quality of training or the mission:**
 Climb to 1,500' AGL for 10 NM, this action degrades 58 SOW training

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- I.2.E.3.a Area west of Ft Sumner
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.3.a Ft Sumner
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.3.a Ft Sumner Recreational Area
I.2.E.3.b No affect on or threat to the quality of training or the mission.
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6 Restrictions currently acting on this airspace:
Approved for C-130s only
Minimum altitude of 250' AGL
Subsonic operations,
- I.2.E.7 Published availability of the airspace:
Unlimited. FLIP A/B currently lists SR-214 as daylight only. It will be corrected soon.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled:
I.2.E.7.b Hours used:
- I.2.E.8 Utilization of the airspace can be increased.
I.2.E.9 It is possible to expand hours to increase the airspace utilization, volume can Not be expanded.
- I.2.E.10 Description of the volume or area of the Airspace:
2,150 square NM
- I.2.E.11 92.00 percent of the airspace is usable.

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Airspace: VR-1107

- I.2.E.2** An environmental analysis has Not been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** List of Noise Sensitive Areas (NSAs) associated with the airspace:
- I.2.E.3.a** Double V private airport
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Ft Sumner Airport
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Houses, Lakes, and Dams
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.3.a** Mine
- I.2.E.3.b** No affect on or threat to the quality of training or the mission.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- | | |
|------------------|---------------------------|
| I.2.E.4.a | Pecos Low and Taiban MOAs |
| I.2.E.4.a | Public use airports |
| I.2.E.4.a | R5104A, R5105 |
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** Restrictions currently acting on this airspace:

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	150 TAC Ftr Group (NMANG)	119	949	-	1068
I.1.A.2	AAFES	-	-	246	246
I.1.A.3	ABQ Public Schools-Sandia	-	-	65	65
I.1.A.4	ABQ Public Schools-Wherry	-	-	70	70
I.1.A.5	ABQ Seismological Lab	-	-	25	25
I.1.A.6	Aeromed Research Lab (Blast Fac)	-	1	14	15
I.1.A.7	American Red Cross	-	-	3	3
I.1.A.8	Chapman College	-	-	3	3
I.1.A.9	College of Santa Fe	-	-	13	13
I.1.A.10	Coronado Club	-	-	60	60
I.1.A.11	Corps of Engineers	4	-	13	17
I.1.A.12	DCMAO Phoenix Residency	1	-	40	41
I.1.A.13	Def Reutilization Marketing Office	-	-	15	15
I.1.A.14	Defense Commissary Agency	-	7	84	91
I.1.A.15	Defense Cont. Mgmt. Oper Office	-	-	15	15
I.1.A.16	Defense Evaluation Support Activity	13	6	73	92
I.1.A.17	Defense Fianance and Accounting Svc	-	11	57	68
I.1.A.18	Defense Industrial Resources Service	-	-	4	4
I.1.A.19	Defense Investigative Service	-	-	13	13
I.1.A.20	Defense Printing Service	-	-	3	3
I.1.A.21	Department of Energy-ABQ Opns	-	-	877	877
I.1.A.22	Drug Interdiction Program	6	24	-	30
I.1.A.23	Embry Riddle	-	-	3	3
I.1.A.24	Federal Aviation Administration	-	-	46	46
I.1.A.25	Field Command-Defense Nuclear Agency	102	71	275	448
I.1.A.26	Inhal Toxicology Research Inst	-	-	194	194
I.1.A.27	Kirtland Federal Credit Union	-	-	73	73

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I.1.A.28	Misc R & D Contractors	-	-	500	500
I.1.A.29	Naval Air Warfare Cntr Weapons Div	1	2	13	16
I.1.A.30	Navy Liason Office	1	2	-	3
I.1.A.31	New Mexico St. University	-	-	2	2
I.1.A.32	Ross Aviation	-	-	141	141
I.1.A.33	Sandia Area Credit Union	-	-	40	40
I.1.A.34	Sandia Lab Credit Union	-	-	32	32
I.1.A.35	Sandia National Laboratory	-	-	7506	7506
I.1.A.36	Scheduled Airline Traffic Office	-	-	11	11
I.1.A.37	Southern Illinois University	-	-	3	3
I.1.A.38	US Coast Guard Reserve	4	16	-	20
I.1.A.39	US Customs-AOB	-	-	89	89
I.1.A.40	US Customs-PE	-	-	10	10
I.1.A.41	US Forest Service (part-time)	-	-	2	2
I.1.A.42	US Navy Balloon Team	2	2	-	4
I.1.A.43	US Navy Personnel Support Det	1	9	4	14
I.1.A.44	US Postal Service	-	-	10	10
I.1.A.45	United New Mexico Bank	-	-	14	14
I.1.A.46	University of New Mexico	-	-	2	2
I.1.A.47	University of Phoenix	-	-	2	2
I.1.A.48	Webster University	-	-	11	11
I.1.A.49	White Sands Missile Range	-	14	9	23
I.1.A.50	William Beaumont Army Med. Cntr. (vet)	-	-	2	2
TOTAL:					12055

I.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

I.1.B.1 **Supported Unit:** Co. D, 4th Recon Bn (USMCR) GSU GSU - Geographically Separated Unit
Location: Various locations in N. Mexico REM - Remote Unit
Support provided: Finance & Acctg, Legal, Contracting, Food & Transp Services, Housing/Lodging, Laundry, Mortuary, PMEL, Terminal Opns, Education, Admin (forms/pubs), Chaplain, Safety, Comm, Trng Sites, Supplies, Subsistence, EOD, Munitions, POL, Audivisual

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I.1.B.2 Supported Unit:	HQ 90th Army Reserve Cmd	GSU	GSU - Geographically Separated Unit
Location:	Various locations in N. Mexico		REM - Remote Unit
Support provided:	Finance & Acctg, Legal, Housing, Health, Laundry, Food, Storage/Warehousing, Transp, Education, Chaplain, Communications, Community, Environmental, Training (firing ranges, training sites), Subsistence, Supplies, POL, Audiovisual		
I.1.B.3 Supported Unit:	III Corps & Ft Hood (USAR)	GSU	GSU - Geographically Separated Unit
Location:	Various locations in N. Mexico		REM - Remote Unit
Support provided:	Finance & Acctg, Transp & Food Services, Training (Sites & Rifle Ranges), Ecudational, Supplies, Munitions, POL, Medical Supplies, Audiovisual		
I.1.B.4 Supported Unit:	Military Ent Proc Station	GSU	GSU - Geographically Separated Unit
Location:	Albuquerque, NM		REM - Remote Unit
Support provided:	Administrative (pubs, forms), Civilian Pers, Audiovisual, Communications, Education, Explosive Ordnance, Finance & Acctg, Health, Housing, Supply, Legal, Military Pers, Mortuary, Contracting, Transp, Weather, PMEL		
I.1.B.5 Supported Unit:	NROTC	GSU	GSU - Geographically Separated Unit
Location:	Univ of N. Mexico, Albuquerque		REM - Remote Unit
Support provided:	Legal, Housing, Medical, Transp, Education, Communications, Community Services, Training, Supplies, Munitions, Veh Maint, POL, Audiovisual		
I.1.B.6 Supported Unit:	Naval & Marine Reserve Ctr	GSU	GSU - Geographically Separated Unit
Location:	Albuquerque, NM		REM - Remote Unit
Support provided:	Admin (pubs/forms), Audiovisual, Automated Services, Communications, Community Support, Education, Transp, Food, Health, Housing, Supply, Laundry, Legal, Mortuary, PMEL		
I.1.B.7 Supported Unit:	US Prop & Fiscal Off (NMAN)	GSU	GSU - Geographically Separated Unit
Location:	Albuquerque, NM		REM - Remote Unit
Support provided:	Audiovisual, Data Automation, Clubs, Community, Education, EOD, Finance & Acctg, Food, Health, Housing, Supplies, POL, Legal, Laundry, Military Personnel, Training (Ranges), Mortuary, Transp, Weather, Munitions, PMEL, Base Ops		
I.1.B.8 Supported Unit:	USA 4th ROTC	GSU	GSU - Geographically Separated Unit
Location:	Univ of N. Mexico, Albuquerque		REM - Remote Unit
Support provided:	Admin (Forms/Pubs), Audiovisual, Education, Clubs, Transp Services, Finance & Acctg, Food Services, Health Services, Housing/Lodging, Legal, Mil Pers, Mortuary, Contracting, Training (rifle & target ranges), Weather		

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2. Operational Effectiveness**A. Air Traffic Control**

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

- I.2.A.1 None of the base ATCALs are officially part of the NAS.
- I.2.A.2 Base has No ATC facilities.
- I.2.A.4 The primary instrument runway is designated 08
 0 operations were conducted this runway during calander year 1993
- I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:
 None, Kirtland AFB is a tenant organization at Albuquerque International Airport.
- I.2.A.6 The base does Not experience ATC delays.

B. Geographic Location

- | | | | | |
|---------|--|------------|----------|--------|
| I.2.B.1 | Nearest major primary airlift customer: | FORT BLISS | distance | 192 NM |
| | Nearest major primary airdrop customer: | FORT BLISS | distance | 192 NM |
| I.2.B.2 | Distance to foward deployment Air Bases: | | | |
| | Lajes AB: | 3819 NM | | |
| | Rota AB: | 4877 NM | | |
| | Hickam AFB: | 2817 NM | | |
| | RAF Mildenhall: | 4688 NM | | |

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Class of Airfield:	Name	Distance from Base
I.2.B.3 Military airfield, runway >= 3,000ft	STALLION AAF	74
I.2.B.4 Military airfield, runway >= 8,000ft	HOLLOMAN AFB	134
I.2.B.5 Military airfield, runway >= 10,000ft	HOLLOMAN AFB	134
I.2.B.6 Military or civilian airfield, runway >= 3,000ft	Coronado, NM	9
I.2.B.7 Military or civilian airfield, runway >= 8,000ft	Santa Fe Co. Muni	43
I.2.B.8 Military or civilian airfield, runway >= 10,000ft	Holloman AFB	134
I.2.B.9 Civilian airfield, runway >= 8,000ft for capable of conducting short term operations		
I.2.B.10 Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Roswell Industrial Center	148
I.2.B.11 Other runways on base can be used for emergency landings.	Roswell Industrial Center	148

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 There are No supersonic Air Combat Training (ACBT) MOAs or warning/restricted areas (minimum size of 4,200 sq NM) within 300 NM.

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
R-5107 B,C	76 NM	R-5107B	112 NM		

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
R-5107B	112 NM	DESERT	423 NM	UTTR	449 NM
PANAMINT	515 NM	ISABELLA	565 NM	O'NEILL	567 NM
AUSTIN/GABBS N/C	568 NM	AUSTIN I	574 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
OSCURA	109 NM	MELROSE	145 NM	AIRBURST	220 NM
GOLDWATER RANGE 3	334 NM	GOLDWATER RANGE 2	344 NM	GOLDWATER RANGE 1	351 NM

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GOLDWATER RANGE 4	351 NM	FALCON	390 NM	HAG/UTTR	424 NM
NELLIS R63	443 NM	EL CENTRO	444 NM	NELLIS R65	451 NM
KITTYCAT/UTTR	456 NM	EAGLE/UTTR	473 NM	SMOKEY HILL	474 NM
CHINA LAKE	547 NM	McMULLEN	574 NM	FALLON B-17	611 NM
RAZORBACK	614 NM	SAYLOR CREEK	624 NM	FALLON B-19	628 NM
CANNON	713 NM	CLAIBORNE	720 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

MELROSE	145 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

LUKE ACMI	313 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

RED RIO	81 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	5	8	17	39	104	145
SR	3	3	5	29	41	69
VR	3	5	8	41	118	143
Total Routes:	11	16	30	109	263	357

Identify Routes:

SR-214 33 NM	VR-1195 37 NM	SR-212 41 NM	SR-213 46 NM	VR-1107 49 NM	VR-176 53 NM
IR-112 59 NM	IR-111 62 NM	IR-109 68 NM	IR-110 87 NM	IR-126 97 NM	
IR-133 120 NM	IR-113 128 NM	IR-150 139 NM	VR-125 146 NM	VR-100 148 NM	
IR-115 151 NM	IR-134 153 NM	SR-210 153 NM	SR-211 153 NM	IR-132 155 NM	IR-102 162 NM
IR-141 162 NM	IR-131 162 NM	IR-107 164 NM	VR-108 164 NM	IR-116 169 NM	IR-177 169 NM
VR-114 184 NM	VR-1174 196 NM				
IR-144 233 NM	IR-165 233 NM	IR-178 233 NM	IR-320 234 NM	IR-276 236 NM	IR-414 237 NM
VR-1233 248 NM	VR-260 248 NM	VR-259 249 NM	VR-267 249 NM	VR-268 249 NM	VR-269 249 NM
VR-263 250 NM	VR-412 258 NM	VR-413 258 NM	IR-172 267 NM	IR-173 267 NM	IR-409 267 NM
IR-130 272 NM	IR-122 275 NM	IR-154 284 NM	IR-155 284 NM	VR-239 289 NM	VR-245 289 NM
SR-216 296 NM	VR-1116 296 NM	IR-415 297 NM	VR-1220 297 NM	VR-242 297 NM	VR-1219 297 NM
VR-244 298 NM	VR-246 298 NM	IR-128 304 NM	IR-250 307 NM	IR-254 312 NM	VR-223 313 NM
VR-231 315 NM	IR-400 318 NM	VR-196 322 NM	SR-206 324 NM	SR-280 336 NM	IR-503 339 NM
SR-208 342 NM	SR-217 342 NM	IR-180 345 NM	IR-416 350 NM	VR-1141 350 NM	SR-233 357 NM

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SR-245	357 NM	SR-244	357 NM	SR-273	357 NM	SR-267	357 NM	SR-258	357 NM	SR-255	357 NM
SR-251	357 NM	SR-250	357 NM	SR-249	357 NM	SR-234	357 NM	SR-240	357 NM	SR-242	357 NM
SR-243	357 NM	SR-236	357 NM	SR-205	361 NM	VR-1108	372 NM	VR-1109	372 NM	SR-540	376 NM
SR-542	376 NM	SR-541	376 NM	VR-1406	381 NM	VR-299	381 NM	VR-1140	383 NM	IR-266	384 NM
VR-1142	385 NM	VR-1144	385 NM	VR-159	391 NM	VR-1267	395 NM	VR-1138	396 NM	VR-1574	399 NM
VR-1117	400 NM										
IR-175	404 NM	VR-1225	404 NM	IR-181	407 NM	IR-183	407 NM	IR-171	409 NM	IR-182	409 NM
VR-1143	410 NM	VR-163	411 NM	VR-536	411 NM	IR-170	413 NM	IR-185	413 NM	IR-124	414 NM
VR-186	414 NM	VR-1253	414 NM	SR-397	414 NM	VR-162	415 NM	VR-118	416 NM	VR-289	416 NM
VR-296	416 NM	SR-294	417 NM	SR-295	417 NM	IR-425	418 NM	VR-158	418 NM	IR-310	419 NM
VR-1139	420 NM	VR-1268	420 NM	VR-1267	420 NM	VR-1266	420 NM	IR-145	423 NM	IR-146	423 NM
VR-1145	424 NM	IR-169	425 NM	IR-255	428 NM	IR-139	430 NM	VR-1146	430 NM	IR-285	432 NM
IR-103	435 NM	IR-105	436 NM	IR-214	437 NM	SR-296	442 NM	IR-252	448 NM	VR-104	449 NM
VR-1110	450 NM	VR-532	450 NM	IR-216	452 NM	IR-418	452 NM	IR-420	452 NM	VR-138	453 NM
IR-286	457 NM	IR-507	459 NM	VR-119	460 NM	VR-152	460 NM	IR-117	461 NM	VR-1445	461 NM
VR-1137	461 NM	VR-1128	461 NM	VR-1113	461 NM	VR-101	461 NM	IR-218	462 NM	VR-1446	467 NM
VR-1523	467 NM	VR-552	469 NM	VR-1211	472 NM	VR-544	473 NM	IR-235	477 NM	VR-288	477 NM
IR-514	478 NM	VR-1423	478 NM	VR-1422	478 NM	IR-506	481 NM	VR-1522	481 NM	VR-143	486 NM
VR-534	486 NM	VR-535	486 NM	IR-212	488 NM	IR-213	488 NM	IR-217	488 NM	VR-531	489 NM
IR-123	490 NM	IR-524	490 NM	IR-234	491 NM	IR-238	491 NM	IR-149	492 NM	IR-500	494 NM
IR-501	494 NM	SR-261	494 NM	VR-1124	495 NM	SR-270	496 NM	SR-286	501 NM	VR-1259	503 NM
VR-209	503 NM	VR-533	503 NM	VR-1260	507 NM	VR-1214	514 NM	VR-1215	514 NM	SR-293	515 NM
IR-290	516 NM	IR-293	516 NM	IR-290A	516 NM	IR-279	521 NM	VR-1122	521 NM	IR-237	522 NM
IR-498	523 NM	VR-1252	525 NM	VR-545	526 NM	IR-281	529 NM	VR-1217	530 NM	VR-1218	530 NM
IR-129	533 NM	VR-1105	538 NM	VR-156	538 NM	VR-1152	538 NM	SR-228	540 NM	IR-505	542 NM
IR-429	544 NM	IR-518	544 NM	IR-476A	544 NM	IR-499	544 NM	IR-476	544 NM	IR-473	544 NM
IR-206	547 NM	IR-142	550 NM	IR-280	556 NM	VR-188	556 NM	IR-282	556 NM	VR-1120	558 NM
VR-512	559 NM	VR-1255	560 NM	SR-290	564 NM	SR-292	564 NM	IR-148	565 NM	VR-1264	566 NM
IR-517	568 NM	VR-1520	568 NM	VR-1515	568 NM	VR-208	570 NM	VR-1106	572 NM	VR-189	572 NM
VR-1123	574 NM	VR-1205	574 NM	SR-390	575 NM	VR-1121	577 NM	VR-511	578 NM	VR-1130	580 NM
VR-168	583 NM	VR-1293	585 NM	IR-164	588 NM	VR-1104	588 NM	IR-147	591 NM	VR-540	591 NM
IR-613	592 NM	VR-1206	593 NM	IR-264	595 NM	VR-1546	600 NM				
IR-127	603 NM	VR-541	603 NM	VR-187	603 NM	VR-1521	605 NM	SR-224	607 NM	SR-223	608 NM
SR-618	611 NM	SR-619	611 NM	VR-1182	611 NM	IR-502	612 NM	IR-504	612 NM	VR-510	613 NM
IR-275	618 NM	IR-508	621 NM	IR-509	621 NM	VR-201	624 NM	VR-1265	628 NM	IR-135	633 NM
VR-1525	637 NM	SR-616	640 NM	SR-617	640 NM	IR-211	641 NM	VR-1300	644 NM	IR-302	647 NM

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VR-1304 647 NM	IR-136 651 NM	SR-239 652 NM	IR-203 655 NM	VR-151 657 NM	VR-106 659 NM
IR-166 662 NM	IR-120 666 NM	VR-1102 666 NM	IR-121 675 NM	VR-1103 675 NM	IR-200 675 NM
SR-381 685 NM	VR-1353 687 NM	IR-301 694 NM	VR-316 697 NM	IR-167 699 NM	SR-218 700 NM
SR-219 700 NM	SR-220 700 NM	SR-221 700 NM	SR-226 700 NM	SR-222 700 NM	SR-237 700 NM
SR-232 700 NM	SR-231 700 NM	SR-230 700 NM	SR-229 700 NM	SR-227 700 NM	SR-311 701 NM
VR-1256 704 NM	VR-319 705 NM	IR-303 711 NM	IR-484 713 NM	IR-478 716 NM	IR-479 716 NM
IR-479A 716 NM	IR-478A 716 NM	SR-300 717 NM	IR-430 718 NM	IR-492 718 NM	IR-490 718 NM
IR-527 720 NM	VR-1301 720 NM	IR-644 724 NM	IR-649 724 NM	IR-480 729 NM	IR-481 729 NM
SR-359 730 NM	VR-1262 730 NM	VR-1257 733 NM	IR-307 738 NM	IR-485 738 NM	IR-160 739 NM
IR-161 739 NM	IR-431 743 NM	IR-482 743 NM	IR-304 745 NM	VR-249 750 NM	IR-207 751 NM
VR-1302 753 NM	VR-1196 762 NM	SR-301 776 NM	SR-353 782 NM	IR-300 788 NM	SR-238 789 NM
IR-592 793 NM	VR-1254 796 NM	SR-073 797 NM	SR-074 797 NM		

I.2.C.9 IR-498 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 523 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
16	23	54

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance						
AR-115	27 NM	AR-310 EAST	40 NM	AR-310 WEST	40 NM	AR-644 SOUTH	95 NM
AR-602	110 NM	AR-3L	111 NM	AR-314 EAST	121 NM	AR-644 NORTH	129 NM
AR-3H WEST	134 NM	AR-643	136 NM	AR-623	141 NM	AR-674	142 NM
AR-314 WEST	173 NM	AR-613	186 NM	AR-658	195 NM	AR-201 WEST	197 NM
AR-3H EAST	208 NM	AR-201 EAST	218 NM	AR-013 EAST	228 NM	AR-639	235 NM
AR-639A	235 NM	AR-312	249 NM	AR-624	298 NM		
AR-650	319 NM	AR-013 WEST	325 NM	AR-113 EAST	326 NM	AR-114	326 NM
AR-104 EAST	335 NM	AR-603	337 NM	AR-309 EAST	351 NM	AR-647	358 NM
AR-461	360 NM	AR-116 EAST	361 NM	AR-649	377 NM	AR-622	380 NM
AR-104 WEST	405 NM	AR-113 WEST	406 NM	AR-330 EAST	416 NM	AR-635	420 NM
AR-641A	425 NM	AR-011 EAST	426 NM	AR-014 EAST	426 NM	AR-641B	433 NM
AR-642E EAST	434 NM	AR-642W WEST	449 NM	AR-017 NORTH	454 NM	AR-011 WEST	460 NM
AR-014 WEST	460 NM	AR-102A EAST	471 NM	AR-116 WEST	475 NM	AR-653	478 NM

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AR-019 NORTH 481 NM | AR-024 NORTH 481 NM | AR-002 WEST 494 NM

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
3546	6043

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-314	121 NM	256	AR-201	197 NM	490	AR-013	228 NM	329	AR-113	326 NM	27
AR-114	326 NM	566	AR-104	335 NM	123	AR-309	351 NM	138	AR-116	361 NM	541
AR-011	426 NM	87	AR-014	426 NM	635	AR-017	454 NM	186	AR-102	471 NM	10
AR-024	481 NM	149	AR-002	494 NM	9			0			0
AR-112	512 NM	360	AR-105	651 NM	285	AR-012H	658 NM	141	AR-012L	658 NM	107

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 326NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ANTELOPE - PINON	195 NM	✓	✓	✓	0	0
APOLLO (CIR)	205 NM	✓	✓	✓	0	0
ARROYO	189 NM	✓	✓	✓	0	0
BRADFORDS FOLLY	146 NM		✓	✓	0	0
BURRIS (N)	33 NM	✓	✓		0	2
CHOLA	184 NM	✓	✓	✓	0	0
COOLIDGE (CIR)	271 NM		✓		0	0
DOUGHBOY 2	221 NM	✓	✓	✓	0	0
ELEPHANT BUTTE #1	110 NM	✓	✓		0	0
ELEPHANT BUTTE #2	113 NM	✓	✓		0	0
ELOY (CIRCULAR)	281 NM		✓		0	0
GEMINI	205 NM	✓	✓	✓	0	0
GRANDMA	203 NM	✓	✓	✓	0	0
GRANDMA (CIR)	203 NM	✓	✓	✓	0	0
GRANDPA	203 NM	✓	✓	✓	0	0
GRANGE NORTH	184 NM	✓	✓	✓	0	0

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GRANGE SOUTH	184 NM	✓	✓	✓	0	0
HOGBACK	184 NM	✓	✓	✓	0	0
MELROSE	147 NM		✓		5	0
O'DELL	133 NM	✓	✓	✓	0	0
PINE	187 NM	✓	✓	✓	0	0
PINON	187 NM	✓	✓	✓	0	0
PINON (CIR)	187 NM	✓	✓	✓	0	0
PREY	204 NM	✓	✓	✓	0	0
PRONGHORN	195 NM	✓	✓	✓	0	0
RAPTOR	204 NM	✓	✓	✓	0	0
RIO PUERCO (A)	25 NM		✓		0	0
RIO PUERCO (CIR)	25 NM	✓	✓		0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

BURRIS (N)	SR-211	SR-214							
MELROSE	IR-107	IR-109	IR-111	IR-113	IR-180				

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

PINON CAYON 189 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ELEPHANT BUTTE #1	110 NM	✓	✓		0	0
O'DELL	133 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT BLISS 192 NM

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D. Ranges**Ranges (Controlled/managed by the base)**

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 **MOAs/bombing ranges/other training areas have scheduling restrictions/limitations as follows:**

I.2.D.20.a Cato MOA Daylight operations are limited to Sunrise to Sunset, Tuesday-Saturday.

I.2.D.20.a Oscura Daylight operations are limited to 0700-1630L hours, Mon-Fri; Night operations: Sunset-2400L Mon-Thur; tracer Ammunition is not allowed when it is dry. This limitation degrades helicopter gun training.

I.2.D.20.a Red Rio Daylight operations are limited to Sunrise-Sunset Mon-Fri, Night operations upon request; tracer ammunition is not allowed when it is dry. This limitation degrades helicopter gun training.

I.2.D.21 **MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.**

I.2.D.22 **Significant changes/restrictions/limitations effecting the scheduling of low level routes used by the base:**

I.2.D.22.a VR-176 A Bill before Congress mandates avoidance of wildlife refuges by 2,000' AGL. Should this Bill pass, VR-176 would effectively be shutdown. Overflight of the Sevieta National Wildlife Refuge is not possible, since its ceiling is only 1500' AGL

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E. Airspace Used by Base**I.2.E.1 Airspaces scheduled or managed by the base:**

AR-115/AR-117V IFR/VFR	Air Refueling Track / Anc
AR-125V	Other
AR-674	Air Refueling Track / Anc
CATO MOA	MOA
SR-200	MTA
SR-201	MTA
SR-210/SR-211 opp directions	Other
SR-212	MTA
SR-213, SR-214 opp directions	MTA
VR-1107	MTA
VR-1195	MTA
VR-176	MTA

Details for airspace scheduled or managed by the base:

Airspace: AR-115/AR-117V IFR/VFR

- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
Complete/Current
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**

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- I.2.E.6** **Restrictions currently acting on this airspace:**
 4 nm either side of centerline
 Altitude: 8,000-9,000' MSL
 For 58 SOW use only
- I.2.E.7** **Published availability of the airspace:**
 Unlimited

 Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:**
- I.2.E.7.b** **Hours used:**
-
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 AR-115: 448 sq NM by 1000' altitude; 448 sq NM by 2000' altitude
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: AR-125V
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Complete and current
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
-
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**

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- I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6 **Restrictions currently acting on this airspace:**
4 nm either side of centerline
Altitude: 500'-3000' AGL
For 58 SOW use only
VFR only
- I.2.E.7 **Published availability of the airspace:**
Unlimited
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a **Hours scheduled:**
- I.2.E.7.b **Hours used:**
- I.2.E.8 **Utilization of the airspace can be increased.**
- I.2.E.9 **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10 **Description of the volume or area of the Airspace:**
256 sq NM by 2,500 ft' altitude block
- I.2.E.11 **100.00 percent of the airspace is usable.**
Airspace: AR-674
- I.2.E.2 **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a **Status of the environmental analysis and supplement:**
Complete and current
- I.2.E.2.b **There are problems No associated with the environmental analysis.**
- I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.

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Explanation for any lack of reports:

- I.2.E.3 **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**
-
- I.2.E.6 **Restrictions currently acting on this airspace:**
 3 NM either side of centerline
 Altitude: 12,000' - 16,000'
 KC-135 restricted to 14,000'
- I.2.E.7 **Published availability of the airspace:**
 Unlimited

Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a **Hours scheduled:**
- I.2.E.7.b **Hours used:**
-
- I.2.E.8 **Utilization of the airspace can be increased.**
- I.2.E.9 **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10 **Description of the volume or area of the Airspace:**
 2,716 sq nm by 4,000 ft altitude block
- I.2.E.11 **Airspace: CATO MOA**
- I.2.E.2 **An environmental analysis has Not been conducted for this airspace.**
- I.2.E.2.a **Status of the environmental analysis and supplement:**

Document Separator

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: Texas Natural Resource Conservation Commission Region 13

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is On-base and the source is:

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Edwards Aquifer

VIII.2.B There are constraints to the base water supply. Type constraints include:

Quantity constraints

Seasonal Shortages

VIII.2.C The base potable water supply constrains operations as follows:

Aquifer frequently in overdraft, voluntary restrictions. Pending ESA lawsuit could impact fut Ops.

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Petroleum

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C 6 water wells exist at the base.

VIII.3.D 1 wells have been abandoned for the following reasons:

The well casing was in disrepair and was too expensive to fix. The well is also located in a remote area and did not yield sufficient water to warrant repair of the casing.

4. Water - Surface Water

VIII.4.A There No perennial bodies of water located on base.

VIII.4.A.2 These bodies do Not receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

COE Permit 404

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

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VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A There any No National Pollutant Elimination System permits in effect.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:
San Antonio Municiple System shared with Kelly into a 54" line

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 33.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 2.1 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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Limits available acreage for future construction.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding constrains base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

WWII Facilities	Aug 93, LAFB met with SHPO and agreed to provide the state a conceptual plan for the restoration/preservation of a series of WWII facilities.
-----------------	---

VIII.12.B 10 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 5 percent of the base has been surveyed.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has an agreement with a historic preservation agency.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

VIII.12.E.1 Description: The DoD supply documentation concerning construction/use of historically unique buildings. That the DoD proceed cautiously with demolition of unique facilities.

Signatories: Between DoD & the Advisory Council on Historical Preservation and the National Conference of State Historical Preservation Office on WWII Temporary Buildings

Date signed: Jul 86

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 26 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 1996

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 5 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$403.000 K	\$326.000 K	\$340.000 K	\$360.000 K	\$380.000 K
IRP	\$227.000 K	\$984.000 K	\$212.500 K	\$0.000 K	\$0.000 K
Natural Resources					
Other(s) Specify: air emission fees	\$9.900 K				
Permits					

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

- VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:**
Texas Natural Resource Conservation Commission (TNRCC), Region 13
- VIII.16.B Air quality regulatory agency responsible for the AQCA:.** Texas Natural Resource Conservation Commission
- VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:**
Ms. Sharon March 210-490-3096
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:**
- | | |
|---|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT**
-
- VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located:**
- VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located:**
- VIII.16.D.3 Ozone % of NAAQS can not be computed**
- VIII.16.D.4 Carbon monoxide % of NAAQS can not be computed**

Air Quality Survey complete, No additional data required.

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		3400	19.30 \$sK	0.00 \$sK		19.30 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	20.90 \$sK	0.00 \$sK			20.90 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	15.00 \$sK	0.00 \$sK				15.00 \$sK
		xxx90 TOTALS:			0.00 \$sK	19.30 \$sK	20.90 \$sK	15.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	781.30 \$sK	21.70 \$sK	803.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	711.10 \$sK	21.40 \$sK		732.50 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	705.70 \$sK	19.60 \$sK			725.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	606.20 \$sK	20.00 \$sK				626.20 \$sK
		xxx95 TOTALS:			803.00 \$sK	732.50 \$sK	725.30 \$sK	626.20 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	15,206.80 \$sK	83.50 \$sK	15,290.30 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	17,521.80 \$sK	43.00 \$sK		17,564.80 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	25,999.80 \$sK	1,376.20 \$sK			27,376.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	21,567.10 \$sK	1,202.70 \$sK				22,769.80 \$sK
		xxx96 TOTALS:			15,290.30 \$sK	17,564.80 \$sK	27,376.00 \$sK	22,769.80 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		7045	4,656.00 \$sK	0.00 \$sK	4,656.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		7045	2,871.20 \$sK	1.70 \$sK		2,872.90 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		7045	4,987.10 \$sK	15.10 \$sK			5,002.20 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		7045	3,147.50 \$sK	16.40 \$sK				3,163.90 \$sK
		MFH TOTALS:			4,656.00 \$sK	2,872.90 \$sK	5,002.20 \$sK	3,163.90 \$sK

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2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 0.00 K

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Section IV/V Level Playingfield COBRA Data

14-Feb-95

UNCLASSIFIED

IVV.30

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Section VI Economic Impact**Economic Area Statistics:**

Anytown, USA

Total population: 963,493 (FY 92)

Total employment: 764,804 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

4.1% / 0.0% / 4.2%

Average annual job growth: 8,392

Average annual per capita income: \$16,730

Average annual increase in per capita income: \$3.8%

Projected economic impact:

Direct Job Loss:	15,354	
Indirect Job Loss:	<u>20,935</u>	
Closure Impact:	36,289	(4.7% of employment total)
Other BRAC Losses:	<u>381</u>	
Cumulative Impact:	36,670	(4.8% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

VII.A.1 Off-base housing is affordable

VII.A.2 Units are available for families

VII.A.2 Units are available for single members.

VII.A.3 8.1 Percent of off-base housing was rated as unsuitable in the latest VHA survey

VII.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$714

Describe the transportation systems.

VII.B.1 The base is served by REGULARLY SCHEDULED, public transportation. The following services are available:

Via Metropolitan Transit

VII.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 25 miles

VII.B.2 Airport name: San Antonio International Airport

VII.B.3 Number of commercial air carriers available at the airport: 11

VII.B.4 Average round trip commuting time to work: 45 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time
VII.C.1	Swimming pool	12	Hrs. 10 Min.
VII.C.2	Movie theater	5	Hrs. 05 Min.
VII.C.3	Public golf course	7	Hrs. 10 Min.
VII.C.4	Bowling lane	6	Hrs. 10 Min.
VII.C.5	Boating	18	Hrs. 25 Min.
VII.C.6	Fishing	18	Hrs. 25 Min.
VII.C.7	Zoo	18	Hrs. 25 Min.
VII.C.8	Aquarium	10	Hrs. 15 Min.
VII.C.9	Family theme park	10	Hrs. 15 Min.
VII.C.10	Professional sports	25	Hrs. 40 Min.
VII.C.11	Collegiate sports	15	Hrs. 20 Min.

UNCLASSIFIED

14-Feb-95

UNCLASSIFIED

VII.32

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VII.1.C.12	Camping facilities	Medina Lake	15		Hrs.	10	Min.
VII.1.C.13	Beaches (lake or ocean)	Canyon Lake	50	1	Hrs.	20	Min.
VII.1.C.14	Outdoor winter sports	Cloudcroft New Mexico	800	12	Hrs.	30	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Westlake Mall 10 min (7 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

San Antonio (Metro Cr) 0 hrs 0 min (0 Miles)

Local area crime rate:

- VII.1.F.1 Violent crime rate (per 100,000) in the local area:** (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 653
- VII.1.F.2 Property crime rate (per 100,000) in the local area:** (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 8835

2. Education

- VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios:** 22 to 1
- VII.2.B Local high schools offer a four-year English program.**
- VII.2.B Local high schools offer a four-year Math program.**
- VII.2.B Local high schools offer four-year Foreign Language programs.**
- VII.2.C Local high schools offer an Honors program.**
- VII.2.D 54.0 percent of high school students go on to either a two- or four-year college**
- VII.2.E There are opportunities for off-base education within 25 miles of the base.**
- VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:**
St. Philip's College
- VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:**
Our Lady of the Lake University
- VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:**
Our Lady of the Lake University

3. Spousal Employment

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- VII.3.A 78.6 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 72.6 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 5.6 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 8.0 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 2.0 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 3.8 beds/1000 people

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	0	0		0.0	0.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	0	0		0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	48,410	99.0	0.0	1.0	0
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	0		0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	3,500	35,017	100.0	0.0	0.0	31,517
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	4,997	100.0	0.0	0.0	1,933
II.1.B.1.j.i	217-712	Avionics Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	0	0		0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	0	0		0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	3,880	1,327	100.0	0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	296,358	60.0	9.0	31.0	71,806
II.1.B.1.m	310	Science Labs	SF	N/A	111,079	81.0	0.0	19.0	0
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	0	0		0.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	287,339	100.0	0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	3,368	3,368	100.0	0.0	0.0	0

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	227,292	261,211	100.0	0.0	0.0	33,919
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	22,760	22,760	100.0	0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	373,227	63.0	17.0	20.0	56,780
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	9,002	2.0	0.0	98.0	9,002
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	0		0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	105,800	163,383	94.0	0.0	6.0	57,583
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	1,379,428	95.0	1.0	4.0	29,340
II.1.B.1.x	530	Medical Laboratories	SF	N/A	7,646	30.0	0.0	70.0	0
II.1.B.1.y	540	Dental Clinics	SF	N/A	98,592	100.0	0.0	0.0	0
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	497,464	17.0	6.0	77.0	84,507
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	15,107	96.0	0.0	4.0	0
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	2,129	4,813	88.0	0.0	12.0	2,684
II.1.B.1.cc	722	Dining Hall	SF	N/A	265,000	92.0	0.0	8.0	0
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	95,125	265,000	92.0	0.0	8.0	169,875
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	928	96.0	4.0	0.0	0
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	255,237	72.0	8.0	20.0	0
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	1,061,481	67.0	10.0	23.0	86,170
II.1.B.1.gg	852-273	Acft Support Equipment Storage	SY	0	0		0.0	0.0	0

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	0			
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	0			
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	0			
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	0			
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	1,052,634	1.0	99.0	0.0

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II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	8,725	100.0	0.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	263,300	56.0	0.0	44.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	388,000	20.0	0.0	80.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	0			
II.1.B.1.j	851	Roads	SY	1,767,017	6.0	94.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	1,231,563	3.0	96.0	1.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

724

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-534

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-580

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

126

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

598

(Units meeting whole-house standards are those that were programmed/renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

II.1.C.3.a 9.6 percent of officer families live on base.

II.1.C.3.b 24.4 percent of enlisted families live on base.

II.1.C.3.a 20.6 percent of all military families live on base.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	13.2 MG/D	MG/D - million gallons per day	27 %
II.3.A.2 Sewage:	6.4 MG/D		66 %
II.3.A.3 Electrical distribution:	35.0 MW	MW - million watts	80 %
II.3.A.4 Natural Gas:	4.93 MCF/D	MCF/D - million cubic feet per day	65 %
II.3.A.5 High temperature water/steam generation/distribution:		MBTUH - million British thermal units per hour	

II.3.B Characteristics regarding the utility system that should be considered:

No "take or pay" clause. Natural gas not purchased through a central office. Do not purchase electric power from Federal Power Marketing Administration. Cathodic Protection on new water/gas lines, none in old lines. Contracts managed by AETC.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

5. Unique Facilities

II.5.A Unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed:

A.1 Name or type of facility	A.2 Total square footage	A.3 Category code	A.4 Present use
CATM small arms range	999,999,999 SF	179-475	1500 acres, Facility trains 35000 trainies in small arms annually.
Recruit housing & training fac	218,000 SF	721311	100 person dorm, classroom, sq orderly room and service oriented complex

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 No C-141s or equivalent aircraft can be loaded or unloaded.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.2 No C-141s or equivalent aircraft can be refueled.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can not land, taxi, park, and refuel any widebody aircraft (C-5, KC-10, or 747).

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

III.1.D.3

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.

III.1.D.4 Other receipt modes available:
There are No offload headers.

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Tank trucks can Not be offloaded.

Tank cars can Not be offloaded.

III.1.D.5 No refueling unit fillstands are available.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 0 maximum: 0

III.1.D.7 The base is Not directly supported by an intermediate Defense Fuels Supply Point.

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

Cat 1.1	Cat 1.2

III.1.F The base does not have a dedicated hot cargo pad.

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT HOOD	110 NM
FORT SAM HOUSTON	30 NM

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III.1.G.2

The base is proximate to a railroad.

Railheads within 150 NM:

Belton - Killeen	118 NM
Camp Stanley	21 NM
Flour Bluff	112 NM
San Antonio	145 NM

III.1.G.3

The base is over 150 NM from a port.

III.1.H

The base does Not have a dedicated passenger terminal.

III.1.I

The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J

The base medical treatment facility routinely receives referral patients.

III.1.J.1

Facilities Receiving Referrals:

Wilford Hall Medical Center receives patients from facilities worldwide

Types of Patients Referred:

135 medical specialty and sub-specialty areas

III.1.K

No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L

Unique missions performed by the base medical facility:

Alt ASWBPL; Blood Donor Ctr; ASF; Clin Inv Fac; Level I Trauma Ct; AF Solid Organ Trans Ctr; Designated DoD Bone Marrow Tra
 Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories,
 physiological training units, wartime taskings,

III.1.M

Base medical facilities project planned to begin before to 1999:

MCP PROJECTS: FY94 EMCS Improvements, WHMC PHI; FY94 EMCS Improvements, WHMC PHII; FY96 ADAL Trauma Center;
 Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.
 The project has been approved.

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FY89-War Readiness Materiel Warehouse, \$1,096K, 25K SQ FT; FY90-Magnetic Resonance Imaging Facility, \$2,012K, 8,296 SQ FT;

III.1.N Base facilities have a total excess storage capacity of 57,583 sq ft.**III.1.N.1 Base facilities have a total covered storage capacity of 163,383 sq ft.****III.1.N.2 Breakout of the total covered storage capacity:**

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	90,154 sq ft
Mobility storage:	21,170 sq ft
War Readiness Support Kits (WRSK) storage:	0 sq ft

III.1.O 330 light military vehicles are on base.**III.1.P 220 heavy military and special vehicles are on base.**

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Section IV**1. Base Budget****IV.1 Non-payroll portion of the base budget for prior years:**

IV.1.A	xxx56	Environmental Compliance			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	544.00 \$sK	0.00 \$sK	544.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	1,349.70 \$sK	93.00 \$sK		1,442.70 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	641.50 \$sK	0.00 \$sK			641.50 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	728.50 \$sK	13.60 \$sK				742.10 \$sK
		xxx56 TOTALS:			544.00 \$sK	1,442.70 \$sK	641.50 \$sK	742.10 \$sK
IV.1.B	xxx76	Real Property Maintenance A			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	14,408.20 \$sK	976.80 \$sK	15,385.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				
		3400	18,401.30 \$sK	2,398.60 \$sK		20,799.90 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	5,245.50 \$sK	74.80 \$sK			5,320.30 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	411.80 \$sK	0.00 \$sK				411.80 \$sK
		xxx76 TOTALS:			15,385.00 \$sK	20,799.90 \$sK	5,320.30 \$sK	411.80 \$sK
IV.1.C	xxx78	Real Property Maintenance S			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-92	Appropriation	Direct	Reimbursable				
		3400	680.20 \$sK	0.00 \$sK		680.20 \$sK		
	FY-93	Appropriation	Direct	Reimbursable				
		3400	5,633.60 \$sK	2,123.40 \$sK			7,757.00 \$sK	
	FY-94	Appropriation	Direct	Reimbursable				
		3400	4,580.90 \$sK	1,367.41 \$sK				5,948.31 \$sK
		xxx78 TOTALS:				680.20 \$sK	7,757.00 \$sK	5,948.31 \$sK
IV.1.D	xxx90	Audio Visual			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	Appropriation	Direct	Reimbursable				
		3400	0.00 \$sK	0.00 \$sK	0.00 \$sK			
	FY-92	Appropriation	Direct	Reimbursable				

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	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	KELLY AFB	3
I.2.B.4	Military airfield, runway >= 8,000ft	KELLY AFB	3
I.2.B.5	Military airfield, runway >= 10,000ft	KELLY AFB	3
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	No flying Mission	
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	No flying Mission	
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	No flying Mission	
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	No flying Mission	
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	No flying Mission	

I.2.B.11 Name and distance to an emergency landing airfield compatible with aircraft flown at the base.

N/A

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228 A,B,C,D	191 NM	W-602	253 NM		

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228D	188 NM	W-228 A,B,C,D	191 NM		

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228D	188 NM	W-228 A,B,C,D	191 NM	W-228C	203 NM
W-602	253 NM	W-92	440 NM	R-5107B	465 NM
W-155 A,B	586 NM	W-155B	586 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
McMULLEN	70 NM	FALCON	317 NM	CLAIBORNE	319 NM
MELROSE	396 NM	RAZORBACK	422 NM	OSCURA	455 NM

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SHELBY WEST	507 NM	SHELBY EAST	512 NM	SMOKEY HILL	561 NM
CANNON	591 NM	AIRBURST	626 NM	EGLIN C52	643 NM
EGLIN C62	649 NM	GOLDWATER RANGE 3	752 NM	GOLDWATER RANGE 2	760 NM
GOLDWATER RANGE 1	761 NM	GOLDWATER RANGE 4	771 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

CLAIBORNE	319 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

GULFPORT MDS	532 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

FALCON	317 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	5	11	14	34	70	108
SR	2	5	6	31	59	85
VR	10	14	18	48	83	130
Total Routes:	17	30	38	113	212	323

Identify Routes:

VR-1105 17 NM	VR-1152 17 NM	VR-156 17 NM	IR-149 38 NM	IR-148 39 NM	SR-293 43 NM
VR-1122 45 NM	VR-168 58 NM	VR-1106 67 NM	VR-1120 67 NM	IR-123 68 NM	IR-147 70 NM
SR-286 71 NM	VR-1123 71 NM	VR-1121 71 NM	VR-143 74 NM	IR-142 97 NM	
VR-101 101 NM	SR-290 104 NM	SR-292 104 NM	IR-124 122 NM	VR-186 122 NM	IR-136 122 NM
IR-135 123 NM	IR-169 124 NM	SR-261 129 NM	VR-151 134 NM	VR-1124 137 NM	IR-166 141 NM
IR-170 144 NM					
VR-1117 158 NM	SR-270 177 NM	IR-167 183 NM	IR-180 184 NM	IR-127 194 NM	VR-187 194 NM
VR-1110 200 NM	VR-118 200 NM				
IR-139 201 NM	SR-233 208 NM	SR-234 208 NM	SR-240 208 NM	SR-243 208 NM	SR-245 208 NM
SR-250 208 NM	SR-255 208 NM	SR-251 208 NM	SR-273 208 NM	SR-267 208 NM	SR-258 208 NM
SR-249 208 NM	SR-244 208 NM	SR-242 208 NM	SR-236 208 NM	SR-280 216 NM	VR-188 220 NM
SR-228 230 NM	IR-128 235 NM	IR-103 238 NM	IR-105 238 NM	VR-1143 242 NM	VR-162 246 NM
VR-196 247 NM	VR-104 248 NM	VR-158 250 NM	VR-1139 251 NM	VR-106 255 NM	VR-1145 256 NM
VR-1138 257 NM	VR-163 259 NM	VR-1108 268 NM	VR-159 268 NM	VR-1109 268 NM	VR-1142 270 NM
VR-1116 271 NM	VR-1144 271 NM	VR-1146 275 NM	IR-154 276 NM	IR-155 280 NM	IR-129 296 NM
IR-130 306 NM	SR-208 313 NM	SR-217 314 NM	IR-122 326 NM	VR-189 338 NM	IR-160 343 NM

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IR-161	343 NM	SR-205	345 NM	VR-1140	349 NM	IR-164	351 NM	VR-1104	351 NM	SR-216	352 NM
SR-296	352 NM	VR-1196	353 NM	IR-117	358 NM	VR-1113	358 NM	VR-1137	358 NM	VR-1128	358 NM
SR-206	359 NM	VR-1141	362 NM	SR-294	365 NM	SR-295	365 NM	IR-144	376 NM	IR-165	376 NM
IR-178	376 NM	IR-116	377 NM	IR-172	380 NM	IR-173	380 NM	IR-121	383 NM	VR-1103	383 NM
VR-114	384 NM	VR-152	388 NM	VR-100	390 NM						
IR-102	401 NM	IR-131	401 NM	IR-141	401 NM	IR-134	401 NM	IR-171	408 NM	IR-182	408 NM
VR-125	409 NM	IR-145	412 NM	IR-146	412 NM	SR-223	419 NM	SR-224	419 NM	IR-133	420 NM
IR-181	428 NM	IR-183	428 NM	IR-132	430 NM	IR-107	431 NM	IR-115	432 NM	IR-113	433 NM
IR-175	433 NM	VR-1182	441 NM	IR-150	447 NM	IR-185	450 NM	VR-119	453 NM	VR-1174	457 NM
VR-138	457 NM	VR-1032	459 NM	IR-070	460 NM	VR-1130	461 NM	SR-239	464 NM	VR-1072	467 NM
IR-120	469 NM	VR-1102	469 NM	IR-111	473 NM	SR-030	476 NM	SR-218	479 NM	SR-237	479 NM
SR-232	479 NM	SR-231	479 NM	SR-230	479 NM	SR-221	479 NM	SR-222	479 NM	SR-226	479 NM
SR-229	479 NM	SR-227	479 NM	SR-220	479 NM	SR-219	479 NM	VR-1107	480 NM	IR-503	482 NM
VR-179	482 NM	SR-213	483 NM	VR-1546	485 NM	VR-534	490 NM	VR-535	490 NM	VR-108	492 NM
VR-532	494 NM	IR-068	497 NM	VR-1195	501 NM	IR-177	503 NM	SR-214	504 NM	VR-533	511 NM
SR-031	515 NM	IR-110	516 NM	SR-238	521 NM	VR-1022	521 NM	VR-1083	523 NM	IR-044	525 NM
SR-029	525 NM	SR-073	531 NM	SR-074	531 NM	IR-040	540 NM	VR-1023	540 NM	VR-1024	540 NM
VR-1033	540 NM	VR-1021	540 NM	IR-037	542 NM	IR-038	544 NM	VR-531	546 NM	SR-210	554 NM
SR-211	554 NM	SR-137	555 NM	IR-091	557 NM	IR-502	558 NM	IR-504	558 NM	VR-536	559 NM
VR-544	559 NM	VR-1020	560 NM	SR-075	561 NM	VR-1031	562 NM	VR-176	563 NM	VR-552	566 NM
IR-409	567 NM	SR-212	568 NM	VR-1574	568 NM	VR-1030	573 NM	VR-1016	585 NM	IR-112	587 NM
IR-109	589 NM	IR-414	591 NM	VR-1014	592 NM						
VR-1525	605 NM	IR-126	607 NM	IR-021	609 NM	IR-506	617 NM	VR-1522	617 NM	VR-060	619 NM
IR-078	623 NM	IR-057	627 NM	SR-103	627 NM	SR-106	627 NM	SR-104	627 NM	SR-101	627 NM
IR-059	627 NM	IR-524	627 NM	VR-1082	631 NM	VR-1084	631 NM	VR-1085	631 NM	IR-592	635 NM
VR-1523	636 NM	VR-1233	637 NM	VR-260	637 NM	VR-259	638 NM	VR-269	638 NM	VR-263	638 NM
VR-267	638 NM	VR-268	638 NM	IR-030	645 NM	IR-031	645 NM	IR-507	645 NM	SR-618	646 NM
VR-545	646 NM	SR-619	646 NM	VR-511	649 NM	IR-505	651 NM	VR-512	653 NM	SR-616	655 NM
SR-617	655 NM	IR-157	656 NM	IR-174	656 NM	IR-066	659 NM	VR-1051	659 NM	VR-1054	659 NM
IR-067	659 NM	VR-1050	659 NM	VR-1070	660 NM	VR-412	662 NM	VR-413	662 NM	IR-041	664 NM
VR-1067	664 NM	IR-063	664 NM	SR-069	668 NM	SR-070	668 NM	SR-071	668 NM	SR-072	668 NM
IR-415	673 NM	IR-077	675 NM	VR-541	677 NM	VR-1056	678 NM	IR-069	679 NM	IR-527	687 NM
IR-017	693 NM	VR-1017	693 NM	IR-517	698 NM	VR-1515	698 NM	VR-1520	698 NM	SR-039	706 NM
SR-225	708 NM	SR-059	711 NM	SR-060	711 NM	SR-061	711 NM	SR-062	711 NM	VR-1005	715 NM
SR-038	716 NM	IR-518	721 NM	VR-540	728 NM	IR-514	729 NM	VR-092	733 NM	IR-089	737 NM
VR-223	739 NM	VR-510	746 NM	VR-239	748 NM	VR-245	748 NM	IR-320	750 NM	VR-1052	754 NM

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VR-615	756 NM	VR-1219	758 NM	VR-246	758 NM	VR-244	758 NM	VR-1220	758 NM	VR-242	758 NM
IR-416	759 NM	IR-276	763 NM	VR-231	763 NM	SR-035	764 NM	SR-036	764 NM	SR-037	764 NM
SR-040	764 NM	IR-032	765 NM	IR-015	766 NM	SR-540	768 NM	SR-542	768 NM	SR-541	768 NM
VR-1065	775 NM	IR-254	779 NM	IR-500	779 NM	IR-501	779 NM	IR-614	787 NM	VR-1635	787 NM
VR-1521	793 NM	IR-508	797 NM	IR-509	797 NM						

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 856 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
7	10	31

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance						
AR-614	46 NM	AR-167 NORTH	72 NM	AR-167 SOUTH	72 NM	AR-104 WEST	151 NM
AR-113 WEST	156 NM	AR-104 EAST	194 NM	AR-102A EAST	200 NM		
AR-113 EAST	203 NM	AR-114	203 NM	AR-650	272 NM		
AR-013 WEST	315 NM	AR-313 NORTH	343 NM	AR-013 EAST	363 NM	AR-112 EAST	373 NM
AR-108 EAST	378 NM	AR-313 SOUTH	388 NM	AR-615	403 NM	AR-101 NORTH	408 NM
AR-602	420 NM	AR-644 NORTH	421 NM	AR-302 EAST	429 NM	AR-312	438 NM
AR-644 SOUTH	439 NM	AR-103	443 NM	AR-302 WEST	445 NM	AR-108 WEST	446 NM
AR-112 WEST	446 NM	AR-314 WEST	474 NM	AR-101 SOUTH	485 NM	AR-330 EAST	495 NM
AR-646	495 NM						

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
2473	4460

Track	Distance	Events									
AR-104	151 NM	123	AR-113	156 NM	27	AR-102	200 NM	10	AR-114	203 NM	566
AR-013	315 NM	329	AR-112	373 NM	360	AR-108	378 NM	140	AR-101	408 NM	217
AR-302	429 NM	445	AR-314	474 NM	256			0			0
AR-309	512 NM	138	AR-116	514 NM	541	AR-110	571 NM	596	AR-111	617 NM	303

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 203NM from the base."

I.2.C.10d Percentage of tanker demand in region: 0.2

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Percentage of tankers based in region: 0.2

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11

Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ANTELOPE - FT HOOD	117 NM	EV		EV	1	2
ARDMORE(CIR)	308 NM	EV		EV	0	0
BRUSHY	312 NM	EV		EV	0	0
DEVIL	135 NM	EV		EV	0	0
DEVILS RIVER	123 NM	EV			0	0
EAGLE MOUNTAIN	225 NM	EV		EV	0	1
FT HOOD	118 NM			EV	1	2
FT SILL CIRCULA	317 NM	EV		EV	2	3
GERONIMO NORTH	312 NM			EV	0	0
GERONIMO SOUTH	312 NM			EV	0	0
HALL	22 NM	EV		EV	0	0
KAREN EAST	263 NM			EV	0	0
KAREN WEST	263 NM			EV	0	0
MARRION IMC N	193 NM	EV		EV	0	14
MARRION IMC S	193 NM	EV		EV	0	13
MINERAL WELLS	213 NM			EV	0	2
MINERAL WLS CAT	213 NM			EV	0	2
MINERAL WLS CIR	213 NM			EV	0	2
MINERAL WLS SKE	213 NM			EV	0	2
RAPIDO	129 NM	EV		EV	0	2
ROXANNE	182 NM	EV			0	0
SHARON	314 NM	EV		EV	0	0
SHEILA	314 NM			EV	0	0
SOUTH POLK	300 NM	EV		EV	0	0

I.2.C.11.a

Drop Zone

Servicing Instrument and Slow Routes (IRs and SRs)

ANTELOPE - FT HOOD	IR-139	SR-258	SR-261						
EAGLE MOUNTAIN	SR-228								
FT HOOD	IR-139	SR-258	SR-261						
FT SILL CIRCULA	IR-103	IR-105	SR-294	SR-295	SR-296				
MARRION IMC N	SR-036	SR-040	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244

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	SR-245	SR-249	SR-250	SR-251	SR-255				
MARRION IMC S	SR-073	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244	SR-245
	SR-249	SR-250	SR-251	SR-255					
MINERAL WELLS	SR-228	SR-270							
MINERAL WLS CAT	SR-228	SR-270							
MINERAL WLS CIR	SR-228	SR-270							
MINERAL WLS SKE	SR-228	SR-270							
RAPIDO	SR-258	SR-261							

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

BULLIS 23 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
HALL	22 NM	<input checked="" type="checkbox"/>		<input checked="" type="checkbox"/>	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM)

FORT HOOD 110 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base does Not uses ranges on a regular basis

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

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E. Airspace Used by Base

I.2.E.1 Base schedules or manages no airspace, questions I.2.E.2 to I.2.D.12 skipped.

I.2.E.1.a The base does Not use airspace.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 There are No airfields within a 50 mile radius of the base.

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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G. Composite / Integrated Force Training

I.2.G.1 Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:

FORT SAM HOUSTON

30 NM from the base.

I.2.G.2 DELETED

I.2.G.3 Nearest Naval unit where joint training can be accomplished:

0 mi from the base.

I.2.G.4 Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:

I.2.G.5 DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 Trained personnel requirements over the Future Years Defense Plan:

Forecast trained personnel requirements over the FYDP:

Forecast for:	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
ENLISTED	28595	28730	28570	28284	28143	28002	28002
OFFICER	7032	7078	7032	6961	6927	6892	6858
TOTALS:	35627	35808	35602	35245	35070	34894	34860
PERCENT CHANGE:		+0.5%	-0.1%	-0.1%	-1.1%	-1.6%	-2.1%

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.2	98.5	84.2	73.6	73.0

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- I.2.J.2 Crosswind component to the primary runway:
- I.2.J.2.a Is at or below 15 knots 98.6 percent of the time
- I.2.J.2.b Is at or below 25 knots 99.9 percent of the time
- I.2.J.3 2 Days have freezing participation (mean per year).

**1995 AIR FORCE BASE QUESTIONNAIRE
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Section II

1. Installation Capacity & Condition

A. Land

Site	Description	Total Average	Average Presently Developed	Average Suitable for New Development
II.A.1 Lackland AFB	Main Base	2,753	1,316	113
II.A.2 Lackland Annex	Annex	3,973	725	264
TOTALS:		6,726	2,041	377

B. Facilities
From real property records: II.B.1

Facility Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.B.1.a.i	121-122 Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.B.1.a.ii	121-122a Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.B.1.b	131 Communications-Buildings	SF	N/A	53,476	58.0	0.0	42.0	25,653
II.B.1.c	141 Operations-Buildings	SF	N/A	190,891	71.0	6.0	23.0	23,629
II.B.1.c.i	141-232 Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.B.1.c.ii	141-753 Squadron Operations	SF	0	0		0.0	0.0	0
II.B.1.c.iii	141-782 Air Freight Terminal	SF	0	0		0.0	0.0	0
II.B.1.c.iv	141-784 Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.B.1.c.v	141-785 Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.B.1.d	171 Training Buildings	SF	N/A	2,306,593	75.0	6.0	19.0	474,504
II.B.1.d.i	171-211 Flight Training	SF	0	0		0.0	0.0	0
II.B.1.d.ii	171-211a Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.B.1.d.iii	171-212 Flight Simulator Training (High Bay)	SF	0	0		0.0	0.0	0
II.B.1.d.iv	171-212a Companion Trng Program	SF	0	0		0.0	0.0	0
II.B.1.d.v	171-618 Field Training Facility	SF	0	1,526	0.0	0.0	100.0	26
II.B.1.e	211 Maintenance Aircraft	SF	N/A	0		0.0	0.0	N/A
II.B.1.e.i	211-111 Maintenance Hanger	SF	0	0		0.0	0.0	0
II.B.1.e.ii	211-152 General Purpose Aircraft Maintenance	SF	0	0		0.0	0.0	0
II.B.1.e.iii	211-152a DASH 21	SF	0	0		0.0	0.0	0
II.B.1.e.iv	211-153 Non-Destructive Inspection (NDI) Lab	SF	0	0		0.0	0.0	0

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II.17

1995 AIR FORCE BASE QUESTIONNAIRE

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	748 Mil intel Battalion	15	315	5	335
I.1.A.2	8 Mil Police Gp Hqs	1	17	-	18
I.1.A.3	801 Mil Polic Battalion	2	22	-	24
I.1.A.4	AAFES	-	-	576	576
I.1.A.5	American Red Cross	-	-	5	5
I.1.A.6	Army (Vet)	1	2	-	3
I.1.A.7	Army Corps of Engineers	-	-	10	10
I.1.A.8	Bank (2)	-	-	9	9
I.1.A.9	Credit Union (3)	-	-	78	78
I.1.A.10	Credit Union (part-time)(3)	-	-	11	11
I.1.A.11	DECA (Commissary and Troop Issue	-	12	101	113
I.1.A.12	DECA (Design & Const)	-	-	22	22
I.1.A.13	FAA	-	-	6	6
I.1.A.14	Marines	1	16	-	17
I.1.A.15	NAF	-	-	321	321
I.1.A.16	NAF FLEX	-	-	340	340
I.1.A.17	US Army 37 TRG	1	27	-	28
I.1.A.18	US Army DLIELC	2	23	-	25
I.1.A.19	US Navy PSD/NTTC/DLI/NSGA	5	170	16	191
I.1.A.20	US Post Office	-	-	8	8
TOTAL:					2140

I.1.B Remote/Geographically Separated Units receiving more then 50% of Base Operational Support from the base:

I.1.B.1 **Supported Unit:** 341 Recruiting Squadron **GSU** **GSU - Geographically Separated Unit**
Location: OL-DO41, Austin, TX **REM - Remote Unit**
Support provided: All Support except TRNS

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I.1.B.2	Supported Unit: 3rd Flying Training Squadron	GSU	GSU - Geographically Separated Unit
	Location: Hondo Municipal Airport		REM - Remote Unit
	Support provided: Normal Support, SEE ATTACHED		
I.1.B.3	Supported Unit: AF Operational Center OL-TC	GSU	GSU - Geographically Separated Unit
	Location: Hondo Municipal Airport		REM - Remote Unit
	Support provided: Normal Support, SEE ATTACHED		
I.1.B.4	Supported Unit: OL-AA41		GSU - Geographically Separated Unit
	Location: OL-AA41, Deer Park, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.5	Supported Unit: OL-AB41		GSU - Geographically Separated Unit
	Location: OL-AB41, Lake Jackson, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.6	Supported Unit: OL-AD41		GSU - Geographically Separated Unit
	Location: OL-AD41, Friendswood, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.7	Supported Unit: OL-AE41		GSU - Geographically Separated Unit
	Location: OL-AE41, Houston, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.8	Supported Unit: OL-AO41		GSU - Geographically Separated Unit
	Location: OL-AO41, Houston, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.9	Supported Unit: OL-BB41		GSU - Geographically Separated Unit
	Location: OL-BB41, Del Rio, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.10	Supported Unit: OL-BC41		GSU - Geographically Separated Unit
	Location: OL-BC41, San Antonio, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.11	Supported Unit: OL-BE41		GSU - Geographically Separated Unit
	Location: OL-BE41, San Antonio, TX		REM - Remote Unit
	Support provided: All Support except TRNS		
I.1.B.12	Supported Unit: OL-BG41		GSU - Geographically Separated Unit
	Location: OL-BG41, San Antonio, TX		REM - Remote Unit
	Support provided: All Support except TRNS		

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<p>I.1.B.13 Supported Unit: OL-BO41 Location: OL-BO41, Houston, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.14 Supported Unit: OL-CC41 Location: OL-CC41, Harlingen, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.15 Supported Unit: OL-CD41 Location: OL-CD41, McAllen, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.16 Supported Unit: OL-CO41 Location: OL-CO41, Corpus Christi, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.17 Supported Unit: OL-DA41 Location: OL-DA41, College Station, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.18 Supported Unit: OL-DB41 Location: OL-DB41, Austin, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.19 Supported Unit: OL-DD41 Location: OL-DD41, San Angelo, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.20 Supported Unit: OL-DE41 Location: OL-DE41, Austin, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.21 Supported Unit: OL-EB41 Location: OL-EB41, San Antonio, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.22 Supported Unit: OL-EC41 Location: OL-EC41, San Antonio, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.23 Supported Unit: OL-ED41 Location: OL-ED41, Universal City, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>

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<p>I.1.B.24 Supported Unit: OL-EE41 Location: OL-EE41, San Antonio, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.25 Supported Unit: OL-EO41 Location: OL-EO41, Universal City, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.26 Supported Unit: OL-FA41 Location: OL-FA41, Houston, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.27 Supported Unit: OL-FB41 Location: OL-FB41, Conroe, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.28 Supported Unit: OL-FC41 Location: OL-FC41, Houston, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.29 Supported Unit: OL-FO41 Location: OL-FO41, Houston, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.30 Supported Unit: OL-GA41 Location: OL-GA41, Beaumont, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.31 Supported Unit: OL-GB41 Location: OL-GB41, Baytown, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.32 Supported Unit: OL-GC41 Location: OL-GC41, Lufkin, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.33 Supported Unit: OL-GD41 Location: OL-GD41, Lake Charles, LA Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.34 Supported Unit: OL-GO41 Location: OL-GO41, Beaumont, TX Support provided: All Support except TRNS</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>

1995 AIR FORCE BASE QUESTIONNAIRE**Lackland AFB - AETC**

I.1.B.35 Supported Unit: OL-XA41	GSU - Geographically Separated Unit
Location: OL-XA41, Houston, TX	REM - Remote Unit
Support provided: All Support except TRNS	
I.1.B.36 Supported Unit: OL-XB41	GSU - Geographically Separated Unit
Location: OL-XB41, San Antonio, TX	REM - Remote Unit
Support provided: All Support except TRNS	
I.1.B.37 Supported Unit: OL-XC41	GSU - Geographically Separated Unit
Location: OL-XC41, Bellaire, TX	REM - Remote Unit
Support provided: All Support except TRNS	
I.1.B.38 Supported Unit: OL-XO41	GSU - Geographically Separated Unit
Location: OL-XO41, San Antonio, TX	REM - Remote Unit
Support provided: All Support except TRNS	

1995 AIR FORCE BASE QUESTIONNAIRE

Lackland AFB - AETC

2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

- I.2.A.1 None of the base ATCALs are officially part of the NAS.
- I.2.A.2 Base has No ATC facilities.
- I.2.A.4 The base does not have a runway.

B. Geographic Location

I.2.B.1	Nearest major primary airlift customer:	FORT HOOD	distance	129 NM
	Nearest major primary airdrop customer:	FORT HOOD	distance	129 NM
I.2.B.2	Distance to forward deployment Air Bases:			
	Lajes AB:	3588 NM		
	Rota AB:	4655 NM		
	Hickam AFB:	3243 NM		
	RAF Mildenhall:	4598 NM		

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3840	0.00 \$sK	0.00 \$sK				0.00 \$sK
MFH TOTALS:		0.00 \$sK	0.00 \$sK	0.00 \$sK		0.00 \$sK

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 59\$sM

Twenty year Net Present Value 32\$sM

Steady state savings 2\$sM per year

Manpower savings associated with closure 28

Return on Investment (years): 86

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Section VI Economic Impact

Economic Area Statistics:

St Louis, MO-IL MSA

Total population: 2,514,000 (FY 92)

Total employment: 1,428,582 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

6.5% / 6.5% / 6.6%

Average annual job growth: 9,732

Average annual per capita income: \$21,705

Average annual increase in per capita income: \$5.2%

Projected economic impact:

Direct Job Loss:	365	
Indirect Job Loss:	<u>220</u>	
Closure Impact:	585	(0.0% of employment total)
Other BRAC Losses:	<u>0</u>	
Cumulative Impact:	585	(0.0% of employment total)

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Section VII

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VII.36

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Section VIII

1. Air Quality - Clean Air Act

VIII.1.A Air Quality Management District for the base: St. Louis County Air Quality Management District

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Moderate
-------	----------

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is Local Community and the source is:

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Municipal Supply

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is Not known to be contaminated.

VIII.3.B The base is Not actively involved in groundwater remediation activities.

VIII.3.C No water wells exist on the base.

VIII.3.D No wells have been abandoned.

4. Water - Surface Water

VIII.4.A There No perennial bodies of water located on base.

VIII.4.A.2 These bodies do Not receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

VIII.4.B Special permits are Not required

(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

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5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

The Lambert-St Louis International Airport NPDES permit covers the ANG Base

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:

Wastewater is discharged off base for treatment through the sanitary sewer system.. Stormwater empties into Coldwater Creek, which feeds into the Missouri River

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 50.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 50.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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11. Biological - Floodplains

VIII.11.A There are No floodplains on the base.

12. Cultural

VIII.12.A No historic, prehistoric, archaeological sites or other cultural resources are located on the base.

VIII.12.B 14 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has Not been archeologically surveyed.

VIII.12.D.1 Not Applicable.

VIII.12.D.2 No archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 No IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There are no known uncontrolled or unregulated occurrences of specific contaminate types or sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E No sites or SWMUs are currently being investigated and remediated pursuant to the RCRA.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.F The IRP does Not currently restrict construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
IRP	\$25,000.000 K	\$25,000.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Natural Resources	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Other(s) Specify:	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K
Permits	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K	\$0.000 K

15. Other Issues

VIII.15.A There are no additional activities which may constrain or enhance base operations.

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16. Air Quality - Clean Air Act

VIII.16.A Air Quality Control Area (AOCA) geographic region in which the base is located:
St Louis County Air Quality District (unknown if AQCA)

VIII.16.B Air quality regulatory agency responsible for the AQCA.: St Louis County Government (State Dept Natural Resources delegated authority)

VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:
Mr Tim Froeschner (314) 854-6910

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

- | | |
|---|--|
| VIII.16.C.1 In Non-Attainment for Ozone | VIII.16.C.2 In Non-Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7** The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT

VIII.16.D.1 Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.16 ppm

VIII.16.D.2 Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located: 9.0 ppm

VIII.16.D.3 Ozone Design value is 130.0% of NAAQS

VIII.16.D.4 Carbon monoxide Design value is 100.0% of NAAQS

VIII.16.E.1 The EPA-designated severity of nonattainment for OZONE is Moderate

VIII.16.E.2 St Louis County Air Quality District (unknown if AQCA)

VIII.16.E.3

VIII.16.E.4 The base is Not in a rural transport area

VIII.16.E.5 The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated

VIII.16.G. Specific ozone precursor (Volatile organic compounds(VOCs) and nitrogen oxides (NOx)) emissions for the base:
based on the AQCA 1990 baseline inventory. AND in the required attainment year

	VOCs		NOx		VOCs		NOx
Mobile Source Including Aircraft	G.1.a	40	G.1.d	43	G.2.a	36	G.2.d
							37

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Military Aircraft Associated with the Base	G.1.b	21	G.1.e	18	G.2.b	18	G.2.e	15
Stationary Source	G.1.c	18	G.1.f	8	G.2.c	18	G.2.f	8

Amount of reduced annual emissions of VOCs and NOx resulting from permanent reductions in base activity levels, process changes, or any other measures implemented at the base since 1 Jan 1990

	VOCs	NOx		
Mobile Source Including Aircraft	G.3.a	4	G.3.c	3
Stationary Source	G.3.b	0	G.3.d	0

Amount of increased annual emissions of VOCs and NOx resulting from increased activity levels, facility expansion, process changes, or other means implemented at the base since 1 Jan 1990

Mobile Source Including Aircraft	G.4.a	0	G.4.c	0
Stationary Source	G.4.b	0	G.4.d	0

Computed allowable growth	VOCs	NOx		
Mobile Source Including Aircraft	G.5.a	0	G.5.c	-6.98%
Stationary Source	G.5.b	0	G.5.d	0
TOTAL	G.5.e	0	G.5.f	-5.88%

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Section IX

ARC Installations and Bases with ARC Units

IX.1 Regularly used ground training facilities are off base.

IX.1.A The following facilities are over 1 hour travel time from the base:

IX.1.B Facilities:	Estimated travel time.
IX.1.B.1 Base Recovery After Attack Training, Hurlburt AFB	14 hrs
IX.1.B.2 Flight Simulator, Dobbins AFB, GA or Otis , MA	3 hrs
IX.1.B.3 Small Arms Range, Weldon Springs, MO	45 min

IX.2 Flying units supporting Aeromed/Arial ports do Not accomplish training locally.

IX.2.A Non-local training requires over 1 hour of travel time from the base:

IX.2.B Training:	Estimated travel time.
IX.2.B.1 99999	min

IX.3 Available dormitory space will house 0.0 percent of the population requiring billets

IX.3.A 10.0 percent of the reservists/guardsmen require billeting during drill weekends.

IX.3.B 100.0 percent drill billeting requirements are met with commercial billeting establishments.

IX.4 Adequate dining facilities are available.

IX.5 A physical fitness center is available.

The fitness center is adequate

IX.6 A consolidated club is available.

The consolidated club is adequate, remarks follow:

IX.7 Ninety percent of the unit's population

Is within 45 min travel time from the base.

Lives within 50 miles of the base.

IX.8 22.0 Percent of the recruiting areas's population is in the recruitable range.

IX.9 2,543,156 is the total population of the recruiting area.

IX.10 81.3 percent of the recruitable population has completed high school.

IX.11 84.2 percent of the of the authorized personnel have been assigned over the last 5 years.

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IX.12 There are a total of 6 other reserve components in the local recruiting area:

Army Reserve, Army NG, Naval Reserve, Marine Corps Reserve, Air Force Reserve, and Coast Guard Reserve

IX.13 The current total reserve component population is 7.30 percent of the recruitable age range.

IX.14 89.8 percent is the average AFRES/ANG personnel retention rate.

Retention rate uses data from the last 2 fiscal years. One time events which may have caused abnormalities include unit moves and/or weapons system conversions.

IX.15 Unit reservist/guardsman participated in 6.4 (ave) title 10 and/or title 32 active duty days beyond Annual Tours and Drill periods for FY92-3, and FY94 (est)

IX.16 No other government aviation units are colocated on the airfield.

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	6,091	6,091	85.0	15.0	0.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	7,470	7,470	100.0	0.0	0.0	0
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	0	0		0.0	0.0	0
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	11,000	11,000	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	0	0		0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	7,000	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	8,930	8,930	100.0	0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	0	0		0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	15,102	15,102	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	10,135	10,135	100.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	11,937	11,937	75.0	25.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	2,400	2,400	100.0	0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	8,290	8,290	100.0	0.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	3,489	3,489	100.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	0	0		0.0	0.0	0
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	22,960	0.0	100.0	0.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	3,809	3,809	0.0	100.0	0.0	0
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0

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11.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	0	0	0	0	0	0
11.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0	0	0	0	0	0
11.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0	0	0	0	0	0
11.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0	0	0	0	0	0
11.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.v.i	442-257a	Hydrazine Storage	SF	280	280	280	100.0	0	0	0
11.1.B.1.v.ii	442-258	LOX Storage	GA	0	0	0	0	0	0	0
11.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	43,755	43,755	100.0	0	0	0	0
11.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0	0	0	0	0	0
11.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0	0	0	0	0	0
11.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.x	530	Medical Laboratories	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.y	540	Dental Clinics	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.aa	610	Administrative Buildings	SF	N/A	13,667	100.0	0	0	0	N/A
11.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0	0	0	0	0	0
11.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0	0	0	0	0	0
11.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	N/A	0	0	0	0	N/A
11.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	0	0	0	0	0	0	0
11.1.B.1.cc	722	Dining Hall	SF	N/A	N/A	0	0	0	0	N/A
11.1.B.1.cc.i	722-351	Airman Dining Hall	SF	7,933	7,933	100.0	0	0	0	0
11.1.B.1.dd	724	Unaccompanied Officer Housing (OO & VOQ)	PN	N/A	N/A	0	0	0	0	N/A
11.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	11,477	100.0	0	0	0	N/A
11.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	11,489	83.0	17.0	0	0	N/A
11.1.B.1.gg	852-273	Act Support Equipment Storage	SY	2,217	2,217	100.0	0	0	0	0

Notes for specific Cat Codes:

11.1.B.1.a.i	121-122	No hydrants at 131FW, Lambert Field
11.1.B.1.a.ii	121-122a	121111 - Petrol Ops Bldg - No match to Active Duty Listing
11.1.B.1.b	131	Upgraded from 3 in Jan 94 - Check Real Property records
11.1.B.1.c	141	Includes all 3-digit subcategories of 141
11.1.B.1.d	171	Includes all 3-digit shreds
11.1.B.1.g	214	listed as 214-428 Vehicle Ops Parking Shed
11.1.B.1.g.i	214-425	Listed as Vehicle Maint Shop
11.1.B.1.k.i	218-712	MILCON recently upgraded 566 sq ft to cond code 1

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II.1.B.1.i	219	Includes all 3-digt shredouts
II.1.B.1.s.i	411-135	Includes 124135, 411134, 411137 - No match to AD
II.1.B.1.v.i	442-257a	442257 - Hazardous Stor, BSE
II.1.B.1.aa	610	Includes all shredouts, No Match to AD
II.1.B.1.ee	730	730142 - Fire Stn, 730835 - SP Operations, 730839 - Traffic Check House
II.1.B.1.ff	740	740382 - EXCH, BR; 740617 - Open Mess, NCO

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	0			
II.1.B.1.b	112 Airfield Pavements-Taxiways	SY	0			
II.1.B.1.c	113 Airfield Pavement-Apron(s)	SY	55,683	100.0	0.0	0.0
II.1.B.1.d	116-662 Dangerous Cargo Pad	SY	2,978	100.0	0.0	0.0
II.1.B.1.e	812 Elec Power-Trans & Distr Lines	LF	13,365	100.0	0.0	0.0
II.1.B.1.f	822 Heat-Trans & Distr Lines	LF	0			
II.1.B.1.g	832 Sewage and Indust Waste Collection (Mains)	LF	12,820	100.0	0.0	0.0
II.1.B.1.h	842 Water-Distr Sys-Potable	LF	13,100	0.0	100.0	0.0
II.1.B.1.i	843 Water-Fire Protection (Mains)	LF	0			
II.1.B.1.j	851 Roads	SY	29,574	100.0	0.0	0.0
II.1.B.1.k	852 Veh/Equip Parking	SY	54,281	100.0	0.0	0.0

Notes for specific Cat Codes:

II.1.B.1.c	113	ANG does not own runways or taxiways; cantonment contains ramp only
II.1.B.1.d	116-662	Code 116-665, Pad, Pwr Chk w/SP (F-15 Hush House Pad)

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
		Length	Width		Number	Types
24	Secondary	7602 ft	150 ft	Yes	1	BAK-12(B)
30L	Secondary	11019 ft	150 ft	No	2	BAK-12(B)
30R	Primary	9003 ft	150 ft	No	None	

II.2.A There are 3 active runways.

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- II.2.A.1 There are 1 cross (30 degrees from primary) runways.
- II.2.B There are 1 parallel runways (excluding main runway).
- II.2.C Dimensions of the primary runway (30R).
- II.2.C.1 Length: 9,003 ft
- II.2.C.2 Width: 150 ft
- II.2.D Dimensions of all secondary runways are in the runway table.
- II.2.E The primary taxiway is 100 ft wide.
- II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency(AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

Procedures in AFM 88-24 were used to perform calculations for this section.

Aircraft Group	Criteria			Primary Pavements		
				Runways	Taxiways	Aprons
II.2.F.1 Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2 Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3 Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4 Bomber	B-1B	450 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.5 Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.6 Tanker	KC-10	550 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7 Airlift	C-5B	800 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.8 Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Supports Now

- II.2.F.9 Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a)	(9.b)	(9.c)
		Unit of Measure	Quantity	Description of Work
Aprons	B-1B	SY	71,000	3" concrete
Aprons	B-52	SY	71,000	1" concrete
Taxiway	B-52	SY	135,000	1" concrete
Runway	B-52	SY	385,000	1" concrete
Aprons	C-5B	SY	71,000	6" concrete
Taxiway	C-5B	SY	175,000	2" concrete
Runway	C-5B	SY	385,000	2" concrete
Aprons	KC-10	SY	71,000	6" concrete
Taxiway	KC-10	SY	135,000	2" concrete

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Runway	KC-10	SY	385,000	2" concrete
--------	-------	----	---------	-------------

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 55,683 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)	CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
Main Parking Apron	903 ft 555 ft	Primary Aircraft	F-15 (18 PAA)

II.2.G.2 Permanently assigned aircraft currently require 43,000 Sq Yds of parking space.

II.2.G.3 12,683 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

Availability of additional ramp space limited by civilian commercial operations; i.e., ramp can't be readily expanded.

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

ANG cantonment is sized for 24 PAA unit. Ramp space and facilities area are constrained by civilian commercial operations, and cannot be easily expanded.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	0.9 MG/D	MG/D - million gallons per day	2 %
II.3.A.2 Sewage:	0.38 MG/D		5 %
II.3.A.3 Electrical distribution:	1.664 MW	MW - million watts	46 %
II.3.A.4 Natural Gas:	1.80 MCF/D	MCF/D - million cubic feet per day	9 %
II.3.A.5 High temperature water/steam generation/distribution:		MBTUH - million British thermal units per hour	0 %

II.3.B Characteristics regarding the utility system that should be considered:

Since 131FW is connected to commercial sources, the supply for all utilities is essentially unlimited; i.e., whatever load is required will be delivered by the local utilities at standard rates.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1	Facility number: 1	Hanger		
	Current Use:			
II.4.A.2	Size (SF):	85,792 SF		
II.4.A.3-4	Largest aircraft the hanger/ nose dock can COMPLETELY enclose:			
	DIMENSIONS:	Width	Height	Length
II.4.A.5	Door Opening:	200 ft	25 ft	
II.4.A.6	Largest unobstructed space inside the facility:	200 ft	28 ft	200 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 2 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: Two 463L forklifts, 10K, with roller tines

III.1.A.2 4 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
747	Can land	Can taxi	Can park	Can refuel	
C-5	Can land	Can taxi	Can park	Can refuel	
KC-10	Can land	Can taxi	Can park	Can refuel	

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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- III.1.D.3** Excess storage capacity is 113,000 gallons
 Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
 Storage for others is excluded.
- III.1.D.4** Other receipt modes available: Tank truck, two at a time
 Number of offload headers: 2
 2 tank trucks can be simultaneously offloaded
 2 tank cars can be simultaneously offloaded
- III.1.D.5** 2 refueling unit fillstands are available.
- III.1.D.5.a** 2 refuelers can be filled simultaneously.
- III.1.D.6** Current dispensing capabilities as defined in AFR 144-1 sustained: 7917
 maximum: 7917
- III.1.D.7** The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).
- III.1.D.7.a** Supporting DFSP: Conoco Pipeline Co. DODAAC UY 7261
- III.1.E** Cat 1.1 and 1.2 munitions storage requirements and capacity.
- | | Cat 1.1 | Cat 1.2 |
|---|---------|---------|
| III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity: | 0 | 0 |
| Square footage available (including physical capacity limit): | 0 | 0 |
| III.1.E.2 Normal installation mission storage requirement: | 0 | 0 |
- III.1.F** The base does not have a dedicated hot cargo pad.

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III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT LEONARD WOOD	103 NM
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III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Burlington - Middletown	131 NM
Jefferson City	85 NM
Newburg - Bundy JCT	88 NM
St. Louis	11 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K Military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.K.1 Anticipated impact of the closure or realignment on

Workload: Workload of unit clinic would increase due to closure of Market Street Clinic, 15 miles away

Facility: 131FW would gain a new medical facility, to be a satellite of Scott AFB Medical Center

Manpower: New facility would have 4 physicians, 3 dentists, seeing approx 160 patients daily

Operations &

Maintenance Funding: est cost of move is \$625K, to be paid by Scott AFB; O&M delta unknown

III.1.K.2 No facility modifications are needed to absorb the additional workload.

III.1.L Unique missions performed by the base medical facility:

Tasked to maintain Air Transportable Clinic (ATC). Its WRM requires special storage & security measures.

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

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Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

- III.1.N** Base facilities have No excess storage capacity.
- III.1.N.1** Base facilities have a total covered storage capacity of 30,311 sq ft.
- III.1.N.2** Breakout of the total covered storage capacity:
- | | |
|--|--------------|
| Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store): | 20,771 sq ft |
| Mobility storage: | 6,490 sq ft |
| War Readiness Support Kits (WRSK) storage: | 3,050 sq ft |
- III.1.O** 86 light military vehicles are on base.
- III.1.P** 90 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A Environmental Compliance		FY-91		FY-92		FY-93		FY-94		
Appropriation	Direct	Reimbursable	FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total	FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
3840	0.00 \$sK	0.00 \$sK	0.00 \$sK							
3840	Direct	Reimbursable								
3840	348.00 \$sK	0.00 \$sK		348.00 \$sK						
3840	Direct	Reimbursable								
3840	246.00 \$sK	0.00 \$sK			246.00 \$sK					
3840	Direct	Reimbursable								
3840	15.00 \$sK	0.00 \$sK								15.00 \$sK
xxx56 TOTALS:										
Real Property Maintenance A										
3840	Direct	Reimbursable								
3840	0.00 \$sK	0.00 \$sK	0.00 \$sK							
3840	Direct	Reimbursable								
3840	0.00 \$sK	0.00 \$sK		0.00 \$sK						
3840	Direct	Reimbursable								
3840	222.00 \$sK	0.00 \$sK							222.00 \$sK	
3840	Direct	Reimbursable								
3840	0.00 \$sK	0.00 \$sK								
xxx76 TOTALS:										
Real Property Maintenance S										
3840	Direct	Reimbursable								
3840	3,599.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK	222.00 \$sK		0.00 \$sK	0.00 \$sK	222.00 \$sK	0.00 \$sK
3840	Direct	Reimbursable								
3840	490.00 \$sK	0.00 \$sK	3,599.00 \$sK	490.00 \$sK						
3840	Direct	Reimbursable								
3840	791.00 \$sK	0.00 \$sK			791.00 \$sK					
3840	Direct	Reimbursable								
3840	103.00 \$sK	0.00 \$sK								
xxx78 TOTALS:										
Audio Visual										
3840	Direct	Reimbursable								
3840	103.00 \$sK	0.00 \$sK	3,599.00 \$sK	490.00 \$sK	791.00 \$sK		3,599.00 \$sK	490.00 \$sK	791.00 \$sK	103.00 \$sK
3840	Direct	Reimbursable								
3840	103.00 \$sK	0.00 \$sK								
xxx90 TOTALS:										
Audio Visual										
3840	Direct	Reimbursable								
3840	103.00 \$sK	0.00 \$sK	3,599.00 \$sK	490.00 \$sK	791.00 \$sK		3,599.00 \$sK	490.00 \$sK	791.00 \$sK	103.00 \$sK
3840	Direct	Reimbursable								
3840	103.00 \$sK	0.00 \$sK								

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	3840	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK	FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-92	Appropriation	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK				
FY-93	3840 Appropriation	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK				
FY-94	3840 Appropriation	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK			0.00 \$sK	
IV.1.E xxx95	xxx90 TOTALS:									
FY-91	Communications	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK	0.00 \$sK
FY-92	3840 Appropriation	180.00 \$sK	Direct	180.00 \$sK	Reimbursable	0.00 \$sK	180.00 \$sK			
FY-93	3840 Appropriation	180.00 \$sK	Direct	180.00 \$sK	Reimbursable	0.00 \$sK		180.00 \$sK		
FY-94	3840 Appropriation	191.00 \$sK	Direct	191.00 \$sK	Reimbursable	0.00 \$sK			191.00 \$sK	
IV.1.F xxx96	xxx95 TOTALS:									
FY-91	Base Operating Support	180.00 \$sK	Direct	180.00 \$sK	Reimbursable	0.00 \$sK	180.00 \$sK	180.00 \$sK	191.00 \$sK	235.00 \$sK
FY-92	3840 Appropriation	2,116.00 \$sK	Direct	2,116.00 \$sK	Reimbursable	4.00 \$sK				
FY-93	3840 Appropriation	2,158.00 \$sK	Direct	2,158.00 \$sK	Reimbursable	3.00 \$sK		2,161.00 \$sK		
FY-94	3840 Appropriation	2,037.00 \$sK	Direct	2,037.00 \$sK	Reimbursable	3.00 \$sK				
IV.1.G MFH	xxx96 TOTALS:									
FY-91	Military Family Housing	2,120.00 \$sK	Direct	2,120.00 \$sK	Reimbursable	2.00 \$sK	2,120.00 \$sK	2,161.00 \$sK	2,040.00 \$sK	1,970.00 \$sK
FY-92	3840 Appropriation	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK				
FY-93	3840 Appropriation	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK		0.00 \$sK		
FY-94	3840 Appropriation	0.00 \$sK	Direct	0.00 \$sK	Reimbursable	0.00 \$sK				0.00 \$sK

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E. Airspace Used by Base**I.2.E.1 Airspaces scheduled or managed by the base:**

Cannon MOA	MOA
Meremec MOA	MOA
Salem MOA	MOA

Details for airspace scheduled or managed by the base:

Airspace: Cannon MOA

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

Completed

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:

I.2.E.3.a 9999 Not Listed

I.2.E.3.b No affect on or threat to the quality of training or the mission.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

I.2.E.7 Published availability of the airspace:

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Scheduled through 131FW Det 1 - continuous

Range scheduling statistics (yearly average from 1990 to 93.)

I.2.E.7.a Hours scheduled: 901 hrs

I.2.E.7.b Hours used: 424 hrs

I.2.E.7.c Reasons for non-use:

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

I.2.E.11 97.00 percent of the airspace is usable.

Airspace: Meremec MOA

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:
Complete

I.2.E.2.b There are problems No associated with the environmental analysis.

I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

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- I.2.E.7 Published availability of the airspace:**
 Continuous, must be scheduled through 131FW.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a Hours scheduled:** 562 hrs
- I.2.E.7.b Hours used:** 457 hrs
- I.2.E.7.c Reasons for non-use:**
 Weather cancellation/mission change/cancellation
- I.2.E.8 Utilization of the airspace can Not be increased.**
- I.2.E.9 It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10 Description of the volume or area of the Airspace:**
 High altitude air-to-air training airspace Area = approx ____ sq mi.
- I.2.E.11 100.00 percent of the airspace is usable.**
Airspace: Salem MOA
- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
 Complete
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a N37 40' 38" W92 20' 56"**
- I.2.E.3.b No affect on or threat to the quality of training or the mission.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.4.a "Viburhum" civilian airfield**
- I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.**

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- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 Continuous, scheduled through 131FW
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 49 hrs
- I.2.E.7.b** **Hours used:** 41 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Weather cancellation/mission change/cancellation
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 Low altitude, subsonic airspace, no chaff
- I.2.E.11** **97.00 percent of the airspace is usable.**
- Commercial Aviation Impact**
- I.2.E.12** **The base is joint-use (military/civilian).**
- I.2.E.13** **List of all airfields within a 50 mile radius of the base:**

Airfield:	Airfield:
Arrowhead Airport	General Aviation
Creve Coeur Airport	General Aviation
Festus Memorial Airport	General Aviation
Greenville Arpt	General Aviation
Litchfield Muni	General Aviation
Scott AFB, IL	Military
Shafer Metro East (St Jacob)	General Aviation
Sparta Community Hunter Field	General Aviation
Spirit of St Louis Airport	General Aviation
St Charles County Arpt (Smarrt)	General Aviation

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St Charles Muni Arpt	General Aviation
St Clair Regional Airport	General Aviation
St Louis Downtown Parks	General Aviation
St Louis Regional (Alton)	General Aviation
Sullivan Regional Airport	General Aviation
Washington Memorial Airport	General Aviation
Wentzville Airport	General Aviation

I.2.E.14 **Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.**

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** Expansion of training airspace is possible.
- I.2.F.1.a** Estimated expansion potential is 50.0 percent. Rationale for estimate:
Meramec MOA will be expanded vertically from 8K- 29K to 7K-50K. Horizontally the area will be approximately 80 x 100 nm, and renamed the Lindbergh MOA. Overall increase will be at least 50%. The 131FW has already received approval of the Lindbergh
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.
- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
FORT LEONARD WOOD
103 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
NAS Memphis, TN
212 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
Springfield, OH
80 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

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I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / ½ mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.0	98.2	88.0	80.7	77.3

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 93.2 percent of the time

I.2.J.2.b Is at or below 25 knots 99.0 percent of the time

I.2.J.3 33 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

	Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1	Lambert Field North	North Complex	24	24	
II.1.A.2	Lambert Field South	South Complex	25	25	
	TOTALS:		49	49	

B. Facilities

II.1.B.1 From real property records:

	Facility Category Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	(C) Excess Capacity
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	1,200	1,200	100.0	0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	4,332	0.0	100.0	0.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	26,873	100.0	0.0	0.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	0	0		0.0	0.0	0
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	50,779	82.0	18.0	0.0	N/A
II.1.B.1.d.i	171-211	Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Flight Simulator Training (High Bay)	SF	0	0		0.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	38,592	38,592	100.0	0.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	22,125	22,125	100.0	0.0	0.0	0
II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	1,591	1,591	100.0	0.0	0.0	0

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 Ranges controlled or managed by the base:

Cannon Range

Information relative to each range:

RANGE: Cannon Range

I.2.D.2 Type of any associated airspace: Cannon A & B MOA

I.2.D.3 Distance from the base to the range: 110 NM

I.2.D.4 Overall size of the range: 4,100 Acres

I.2.D.4.a Size of the impact area(s): 9,999 Acres

I.2.D.4.b Size of the restricted area in which the range lies: 39 Sq Mi

I.2.D.4.c Altitude ceiling of this restricted area: 9,999 ft

I.2.D.5 The range shape or location DOES NOT prohibit efficient training

I.2.D.6 Other types of restrictions that exist (i.e. limited hours, exercise only, etc):

Altitude ceiling precludes high altitude dive bomb deliveries

I.2.D.7 Regular users (20 or more times /year) of the range:

138 FG
181 FG
182 FG
183 FG
188 FG
303 FS
MAG 41

I.2.D.8 Published availability of the range:

Hours 1300-2400Z, Tue-Sat, other times by NOTAM 24 hours in advance.

Range scheduling statistics (yearly average from 1990 to 93.

I.2.D.8.a Hours scheduled:

I.2.D.8.b Hours used:

I.2.D.8.c Percent utilized:

Range scheduled as follows (sortiessched/flown, % util); FY90 - 6520/3622, 55.6%; FY91 - 6425/3308, 51.5%; FY92 - 6253/3305, 52.9%;

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FY93 - 3308/1993/60.2%. Most of cancels were due to weather.

- I.2.D.9 The range has a full-scale weapons delivery capability as follows:**
 6 MK82 targets with run-in restrictions and 1 2000# target with run-in restrictions
- I.2.D.9.a Associated restrictions:**
- I.2.D.10 The range has a special weapons delivery capability as follows:**
 Paved Spike targets as described in 131FW Supp to AFR 50-46.
- I.2.D.10.a Associated restrictions:**
- I.2.D.11 The range has an electronic warfare capability as follows:**
 Sentry Dawg, Laser Target Designator Scoring System (LTDSS) and 5 Heated (Thermal) Targets.
- I.2.D.11.a Associated restrictions:**
- I.2.D.12 List of Noise Sensitive Areas (NSAs) associated with the range:**
- I.2.D.12.a N 37 40' 38" W92 20' 56" Does not affect or threaten quality of training.)**
 Above 4K, avoid by 2nm; above 3.5K, avoid by .5nm, above 2.5K, avoid by .5nm
- I.2.D.13 There are no commercial / civilian encroachment problems associated with the range**
- I.2.D.14 The range has No problems with hazardous material / waste/ ordnance disposal**
- I.2.D.15 MOUs, MOAs or LOAs associated with the range:**
- LOA Current status:** Current and complete, with no changes anticipated that would diminish training.
- I.2.D.15.a There is no prospect of a diminished capacity when this MOA is renewed.**
- I.2.D.16 It is possible to expand hours to increase the range utilization, volume can Not be expanded.**
- I.2.D.17 There are No planned range real property expansions.**

Ranges (Used by the base)

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I.2.D.18 **The base does Not use other ranges on a regular basis**

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 Barber Shop	-	-	1	1
I.1.A.2 Base Exchange	-	-	1	1
TOTAL:				2

I.1.B Remote/Geographically Separated Units receiving more than 50% of Base Operational Support from the base:

<p>I.1.B.1 Supported Unit: Cannon Range Location: Ft Leonard Wood, MO Support provided: Admin, Personnel, Data</p>	<p>GSU</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>
<p>I.1.B.2 Supported Unit: Jefferson Barracks Location: 25NM South of St Louis Support provided: Admin, Personnel, Data</p>	<p>GSU</p>	<p>GSU - Geographically Separated Unit REM - Remote Unit</p>

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:		(A.3) Detailed traffic counts:				
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	1	440000	436000	3700	180000	0	0
Tower	2	420000	416000	3600	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 30L

120000 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

None

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 20

The total number of sorties per month: 3011

The average length of the delays: 15:00

I.2.A.6.b There is a common rationale for the delays:

When the weather goes below 2500/3. simultaneous ILS and LDA arrivals go into effect, limitubg arrivals to 36 per hour. This causes flow control to go into effect for Lambert IAP, St. Louis, MO. Average delays per month for 131FW aircraft are 20.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT CAMPBELL distance 184 NM

Nearest major primary airdrop customer: FORT CAMPBELL distance 184 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 2960 NM

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Rota AB: 3990 NM
 Hickam AFB: 3623 NM
 RAF Mildenhall: 3857 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	SCOTT AFB	27
I.2.B.4	Military airfield, runway >= 8,000ft	SCOTT AFB	27
I.2.B.5	Military airfield, runway >= 10,000ft	GREATER PEORIA REG	119
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Spirit of St Louis Airport	15
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	St Louis Regional-Alton Apt	17
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Greater Peoria Regional Apt	118
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations		
		St Louis Regional-Alton	17
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations		
		Greater Peoria Regional	118

I.2.B.11 Other runways on base can be used for emergency landings.

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 There are No supersonic Air Combat Training (ACBT) MOAs or warning/restricted areas (minimum size of 4,200 sq NM) within 300 NM.

I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
O'NEILL	413 NM	W-151A	563 NM	W-155 A,B	574 NM
W-155B	591 NM	W-151 A,B,C,D	599 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

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Area Name	Distance	Area Name	Distance	Area Name	Distance
CANNON	110 NM	ATTERBURY	203 NM	JEFFERSON PROVING G	231 NM
RAZORBACK	275 NM	HARDWOOD	330 NM	SMOKEY HILL	351 NM
GRAYLING	449 NM	CLAIBORNE	460 NM	SHELBY EAST	462 NM
SHELBY WEST	463 NM	FALCON	470 NM	EGLIN C62	527 NM
EGLIN C52	529 NM	POINSETT	561 NM	GRAND BAY	586 NM
TOWNSEND	612 NM	INDIANTOWN GAP	641 NM	AIRBURST	681 NM
MELROSE	700 NM	CHERRY POINT BT-11	705 NM	USAF DARE COUNTY	715 NM
NAVY DARE COUNTY	716 NM	PINECASTLE	719 NM	FT DRUM	744 NM
WARREN GROVE	747 NM	McMULLEN	758 NM		

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

JEFFERSON PROVIN	231 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

VOLK FIELD MDS	311 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

CANNON	110 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	2	5	8	37	97	148
SR	0	0	5	60	121	143
VR	2	3	5	59	139	204
Total Routes:	4	8	18	156	357	495

Identify Routes:

VR-615 62 NM	IR-592 75 NM	IR-614 91 NM	VR-1635 91 NM		
IR-527 124 NM	VR-1679 129 NM	IR-157 130 NM	IR-174 130 NM		
IR-618 154 NM	VR-619 154 NM	SR-225 167 NM	SR-059 170 NM	SR-060 170 NM	SR-062 170 NM
SR-061 170 NM	VR-1525 178 NM	IR-502 198 NM	IR-504 198 NM		
VR-1667 202 NM	SR-616 205 NM	SR-617 205 NM	VR-1642 205 NM	VR-1641 205 NM	SR-774 207 NM
IR-078 214 NM	SR-773 221 NM	SR-218 226 NM	SR-219 226 NM	SR-220 226 NM	SR-221 226 NM
SR-222 226 NM	SR-237 226 NM	SR-232 226 NM	SR-231 226 NM	SR-230 226 NM	SR-229 226 NM
SR-227 226 NM	SR-226 226 NM	IR-120 228 NM	VR-1102 228 NM	VR-1546 231 NM	VR-1668 231 NM
SR-239 233 NM	SR-073 235 NM	SR-618 235 NM	SR-074 235 NM	SR-075 235 NM	SR-619 235 NM
SR-238 240 NM	VR-1640 242 NM	VR-1130 256 NM	VR-1182 259 NM	SR-771 265 NM	VR-1016 266 NM

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VR-541 273 NM	SR-223 279 NM	SR-224 279 NM	VR-511 280 NM	IR-068 305 NM	VR-533 307 NM
VR-512 308 NM	SR-785 311 NM	SR-776 313 NM	IR-091 314 NM	IR-002 316 NM	SR-137 321 NM
VR-092 321 NM	VR-534 324 NM	VR-535 324 NM	VR-1617 327 NM	VR-1638 327 NM	IR-505 328 NM
VR-531 328 NM	IR-121 332 NM	VR-1103 332 NM	IR-066 334 NM	IR-067 334 NM	VR-1050 334 NM
VR-1051 334 NM	VR-1014 335 NM	VR-1616 338 NM	VR-1055 341 NM	VR-510 341 NM	IR-517 342 NM
VR-1520 342 NM	VR-1515 342 NM	IR-069 343 NM	VR-545 344 NM	IR-164 345 NM	VR-1104 345 NM
SR-732 346 NM	SR-734 346 NM	SR-735 346 NM	IR-089 347 NM	VR-540 347 NM	SR-733 350 NM
VR-1650 351 NM	VR-544 351 NM	IR-075 352 NM	VR-1633 352 NM	VR-1632 352 NM	IR-077 353 NM
VR-119 353 NM	VR-1631 353 NM	VR-1052 355 NM	IR-070 357 NM	SR-709 358 NM	VR-1032 358 NM
SR-712 358 NM	SR-715 358 NM	VR-552 358 NM	VR-138 359 NM	VR-189 359 NM	VR-532 360 NM
SR-737 363 NM	SR-738 363 NM	VR-1031 367 NM	SR-707 368 NM	SR-708 368 NM	SR-710 368 NM
SR-713 368 NM	SR-711 368 NM	SR-714 368 NM	SR-728 371 NM	SR-729 371 NM	IR-524 372 NM
IR-044 373 NM	IR-506 375 NM	VR-152 375 NM	VR-1522 375 NM	VR-1054 379 NM	VR-1033 381 NM
SR-105 383 NM	IR-608 387 NM	SR-727 388 NM	IR-117 391 NM	VR-1113 391 NM	VR-1137 391 NM
VR-1128 391 NM	IR-042 393 NM	VR-1068 393 NM	VR-634 394 NM	IR-145 397 NM	IR-185 397 NM
IR-146 397 NM	SR-102 397 NM	SR-035 398 NM	SR-036 398 NM	SR-040 398 NM	SR-037 398 NM
IR-518 399 NM	IR-723 399 NM	SR-730 399 NM	SR-731 399 NM	IR-508 400 NM	IR-509 400 NM
VR-1072 402 NM	IR-129 405 NM	IR-609 405 NM	IR-181 407 NM	IR-183 407 NM	VR-1030 407 NM
VR-1523 407 NM	IR-079 408 NM	IR-080 408 NM	SR-701 408 NM	SR-703 408 NM	SR-296 408 NM
IR-175 409 NM	SR-702 409 NM	IR-171 410 NM	IR-182 410 NM	VR-1626 411 NM	VR-1521 416 NM
IR-083 417 NM	VR-664 417 NM	IR-041 419 NM	VR-1067 419 NM	IR-063 419 NM	SR-294 421 NM
SR-295 421 NM	VR-536 421 NM	VR-058 422 NM	SR-871 423 NM	SR-872 423 NM	SR-874 423 NM
SR-873 423 NM	SR-069 424 NM	SR-070 424 NM	SR-071 424 NM	SR-072 424 NM	IR-507 425 NM
VR-1056 429 NM	VR-060 430 NM	VR-097 434 NM	VR-1574 438 NM	VR-1624 439 NM	VR-1625 439 NM
IR-743 440 NM	VR-1743 440 NM	VR-607 441 NM	VR-1645 444 NM	IR-081 445 NM	IR-160 446 NM
IR-161 446 NM	IR-726 447 NM	VR-1726 447 NM	VR-1636 449 NM	VR-1644 449 NM	VR-1647 449 NM
VR-1070 450 NM	SR-039 453 NM	SR-038 454 NM	SR-815 455 NM	SR-822 455 NM	SR-816 455 NM
SR-031 458 NM	VR-1140 458 NM	IR-017 459 NM	VR-1017 459 NM	VR-1196 461 NM	IR-074 462 NM
SR-228 466 NM	VR-095 466 NM	VR-1146 470 NM	VR-1648 470 NM	IR-503 473 NM	VR-1083 473 NM
VR-093 474 NM	SR-781 477 NM	VR-1666 477 NM	VR-188 477 NM	IR-090 479 NM	VR-1020 479 NM
SR-205 480 NM	VR-104 480 NM	VR-1141 482 NM	VR-1629 482 NM	SR-817 484 NM	VR-106 485 NM
VR-1145 490 NM	SR-818 491 NM	VR-1627 491 NM	VR-1628 491 NM	IR-037 492 NM	IR-514 492 NM
IR-721 493 NM	SR-782 494 NM	VR-088 495 NM	SR-029 496 NM	VR-1139 496 NM	IR-103 497 NM
VR-163 497 NM	IR-105 497 NM	VR-1721 498 NM	VR-1082 499 NM	VR-1084 499 NM	VR-1085 499 NM
VR-158 499 NM	VR-1005 501 NM	VR-1059 501 NM	VR-162 504 NM	VR-159 505 NM	IR-606 507 NM
IR-021 508 NM	IR-059 508 NM	VR-1144 508 NM	IR-057 509 NM	SR-106 509 NM	SR-206 509 NM

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VR-1142	509 NM	SR-104	509 NM	SR-101	509 NM	SR-103	509 NM	VR-1138	510 NM	IR-038	512 NM
VR-1143	512 NM	IR-040	513 NM	VR-1021	513 NM	VR-1023	513 NM	VR-1024	513 NM	VR-1722	515 NM
SR-208	516 NM	VR-179	516 NM	SR-217	516 NM	SR-030	517 NM	VR-1639	517 NM	VR-1022	517 NM
VR-1758	518 NM	IR-127	521 NM	VR-187	521 NM	VR-1110	522 NM	SR-270	524 NM	VR-1049	531 NM
IR-082	534 NM	IR-139	534 NM	IR-761	538 NM	VR-1751	538 NM	IR-500	540 NM	IR-501	540 NM
VR-604	540 NM	VR-087	540 NM	SR-216	540 NM	IR-030	542 NM	IR-031	542 NM	IR-762	544 NM
VR-1756	544 NM	IR-036	546 NM	VR-118	546 NM	IR-016	549 NM	SR-166	551 NM	IR-172	556 NM
IR-173	556 NM	SR-823	557 NM	IR-022	558 NM	IR-023	558 NM	VR-094	564 NM	VR-1124	564 NM
IR-605	565 NM	IR-430	567 NM	IR-490	567 NM	IR-492	567 NM	IR-613	571 NM	SR-802	571 NM
SR-804	571 NM	SR-807	571 NM	SR-808	571 NM	SR-806	571 NM	SR-803	571 NM	SR-261	572 NM
IR-409	580 NM	VR-1065	581 NM	IR-015	585 NM	VR-1066	593 NM	VR-073	594 NM	VR-1757	594 NM
IR-429	595 NM	IR-473	595 NM	IR-476	595 NM	IR-499	595 NM	IR-476A	595 NM	VR-1001	598 NM
SR-233	599 NM	SR-243	599 NM	SR-245	599 NM	SR-244	599 NM	SR-273	599 NM	SR-267	599 NM
SR-258	599 NM	SR-255	599 NM	SR-251	599 NM	SR-250	599 NM	SR-249	599 NM	SR-242	599 NM
SR-234	599 NM	SR-236	599 NM	SR-240	599 NM						
SR-290	602 NM	SR-292	602 NM	VR-1061	602 NM	VR-708	603 NM	IR-142	604 NM	VR-096	605 NM
VR-1116	605 NM	VR-1759	606 NM	IR-155	612 NM	VR-1060	612 NM	VR-705	612 NM	VR-704	612 NM
VR-1003	612 NM	SR-825	613 NM	VR-1174	614 NM	IR-154	616 NM	VR-086	616 NM	VR-085	616 NM
VR-1041	618 NM	VR-101	619 NM	IR-720	620 NM	SR-280	620 NM	VR-1011	621 NM	VR-1002	622 NM
IR-018	624 NM	IR-719	625 NM	SR-820	625 NM	SR-821	625 NM	SR-835	625 NM	IR-414	629 NM
SR-286	630 NM	VR-1004	631 NM	VR-143	633 NM	IR-032	638 NM	IR-123	638 NM	IR-012	639 NM
SR-867	639 NM	VR-1120	639 NM	VR-1013	641 NM	IR-019	644 NM	IR-415	645 NM	IR-177	647 NM
VR-1008	647 NM	VR-1040	648 NM	VR-108	649 NM	IR-715	650 NM	IR-718	650 NM	IR-035	651 NM
VR-1713	651 NM	IR-107	651 NM	VR-1122	651 NM	VR-114	651 NM	VR-1712	651 NM	VR-1711	651 NM
VR-1069	651 NM	IR-128	652 NM	IR-124	653 NM	VR-186	653 NM	SR-293	655 NM	VR-1006	661 NM
VR-1007	661 NM	IR-610	664 NM	VR-707	664 NM	VR-1709	666 NM	VR-1752	667 NM	VR-1074	668 NM
SR-800	671 NM	SR-805	671 NM	SR-801	671 NM	IR-150	674 NM	VR-1010	675 NM	VR-1046	677 NM
VR-1043	679 NM	SR-540	680 NM	VR-413	680 NM	VR-412	680 NM	SR-541	680 NM	SR-542	680 NM
IR-714	684 NM	IR-760	684 NM	VR-1754	684 NM	IR-180	685 NM	VR-125	685 NM	VR-151	687 NM
IR-062	691 NM	IR-113	693 NM	VR-1753	694 NM	VR-1755	694 NM	IR-033	695 NM	SR-844	697 NM
SR-846	697 NM	SR-845	697 NM	VR-1009	699 NM	IR-149	701 NM	IR-416	701 NM	VR-100	704 NM
VR-1039	709 NM	VR-1105	712 NM	VR-1152	712 NM	VR-156	712 NM	IR-148	717 NM	IR-716	722 NM
IR-046	725 NM	VR-168	726 NM	IR-110	728 NM	IR-136	731 NM	VR-1058	731 NM	VR-1097	735 NM
SR-847	739 NM	IR-147	741 NM	VR-1057	742 NM	IR-169	750 NM	VR-1106	756 NM	VR-1121	757 NM
IR-111	759 NM	VR-1123	760 NM	IR-925	761 NM	IR-020	762 NM	IR-047	763 NM	IR-170	765 NM
IR-480	766 NM	IR-481	766 NM	IR-644	770 NM	IR-649	770 NM	VR-1117	770 NM	IR-166	775 NM

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VR-1195 775 NM	SR-214 779 NM	SR-213 780 NM	IR-049 784 NM	IR-050 784 NM	VR-1098 784 NM
IR-051 784 NM	IR-135 786 NM	VR-1107 790 NM	VR-724 792 NM	VR-725 792 NM	IR-133 799 NM

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 567 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
8	16	54

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance	Refueling Route	Distance
AR-110 WEST	43 NM	AR-016 SOUTHWEST	100 NM	AR-111 EAST	115 NM	AR-016 NORTHEAST	118 NM
AR-637	128 NM	AR-111 WEST	138 NM	AR-110 EAST	141 NM	AR-318 WEST	150 NM
AR-318 EAST	204 NM	AR-203 NORTHEAST	205 NM	AR-315 EAST	212 NM	AR-330 WEST	251 NM
AR-455 EAST	254 NM	AR-112 WEST	257 NM	AR-309 WEST	274 NM	AR-101 SOUTH	295 NM
AR-203 SOUTHWEST	308 NM	AR-315 WEST	313 NM	AR-633B	313 NM	AR-313 SOUTH	317 NM
AR-640B	317 NM	AR-640A	323 NM	AR-116 WEST	342 NM	AR-105 EAST	348 NM
AR-105 WEST	348 NM	AR-112 EAST	350 NM	AR-313 NORTH	355 NM	AR-455 WEST	355 NM
AR-633A	361 NM	AR-321	362 NM	AR-653	370 NM	AR-216 NORTHEAST	373 NM
AR-216 SOUTHWEST	373 NM	AR-330 EAST	395 NM	AR-328	420 NM	AR-109H EAST	425 NM
AR-109L EAST	425 NM	AR-632B	430 NM	AR-109H WEST	437 NM	AR-109L WEST	437 NM
AR-107	440 NM	AR-607	448 NM	AR-217	453 NM	AR-116 EAST	457 NM
AR-461	457 NM	AR-615	463 NM	AR-019 NORTH	464 NM	AR-302 EAST	464 NM
AR-024 NORTH	464 NM	AR-632A	465 NM	AR-302 WEST	466 NM	AR-309 EAST	466 NM
AR-017 NORTH	485 NM	AR-218L	496 NM				

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
4608	9163

Track	Distance	Events									
AR-110	43 NM	596	AR-016	100 NM	157	AR-111	115 NM	303	AR-203	205 NM	223
AR-455	254 NM	372	AR-112	257 NM	360	AR-309	274 NM	138	AR-101	295 NM	217
AR-116	342 NM	541	AR-105	348 NM	285	AR-216	373 NM	64	AR-109	425 NM	213
AR-024	464 NM	149	AR-302	464 NM	445	AR-017	485 NM	186	AR-218	496 NM	359

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AR-102	512 NM	10	AR-013	532 NM	329	AR-113	607 NM	27	AR-104	614 NM	123
AR-106	625 NM	483	AR-011	627 NM	87	AR-014	627 NM	635	AR-206H	630 NM	50
AR-206L	630 NM	20	AR-314	638 NM	256	Racoon	640 NM	1829	AR-108	644 NM	140

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 43NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0

Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ALL AMERICAN	248 NM	✓	✓	✓	0	0
ARROWHEAD	279 NM	✓	✓	✓	3	2
BADGER	313 NM	✓	✓	✓	0	4
BAILEY	350 NM	✓	✓	✓	0	0
BASTOGNE	184 NM	✓	✓	✓	0	0
BIG SANDY (WTR)	177 NM	✓	✓		0	0
BLACKJACK R+CIR	227 NM	✓	✓	✓	0	0
CARENTAN (A)	296 NM		✓	✓	0	1
CENTRAL CITY NO	175 NM	✓			0	0
CENTRAL CITY SO	175 NM	✓			0	0
CORREGIDOR	181 NM		✓	✓	0	0
JD (CIR, water)	285 NM				0	1
LOS BANOS	184 NM	✓	✓	✓	0	0
RATTLESNAKE	277 NM		✓	✓	3	2
SHAW, JOHN	229 NM	✓	✓		0	0
TOMAH	313 NM	✓	✓	✓	0	4
TUNNEL	313 NM	✓	✓	✓	0	4
WESTERN KENTUCK	175 NM	✓	✓	✓	0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

ARROWHEAD	IR-117	IR-121	IR-164	SR-223	SR-224				
BADGER	SR-771	SR-773	SR-776	SR-785					
CARENTAN (A)	SR-225								
JD (CIR, water)	SR-224								
RATTLESNAKE	IR-117	IR-121	IR-164	SR-223	SR-224				

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TOMAH	SR-771	SR-773	SR-776	SR-785					
TUNNEL	SR-771	SR-773	SR-776	SR-785					

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

GOLDEN EAGLE 188 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
WESTERN KENTUCK	175 NM	✓	✓	✓	0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

FORT CAMPBELL 184 NM

Document Separator

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b No state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a No state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b No state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergency generators.
- E.6.d No state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.
- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

VIII.2.A The base potable water supply is Local Community and the source is:

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Reservoir

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Various fuel plumes

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C No water wells exist on the base.

VIII.3.D No wells have been abandoned.

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

VIII.4.A.1	Location	Surface area size
	Brown's Creek	1.00 Acres
	Golf Course ponds	4.00 Acres
	Tabb's Creek	23.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is located within a specified drainage basin.

The base is involved in cooperative agreements regarding surface water quality

Agreements concern restoration and protection of water quality and associated living resources (e.g., Chesapeake Bay Program)?

VIII.4.B Special permits are required as follows:

USA Corps of Eng, VA Marine Resources Comm, Hampton Wetlands Board, Sec AF/MIQ

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(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is known contamination to the base or local community surface water

VIII.4.C.1 Nature of the contamination: silver

VIII.4.C.2 The contaminated surface water is Not a potable water source.

5. Wastewater

VIII.5.A Base wastewater is treated by Local Community facilities.

VIII.5.C There are discharge (treatment) violations or outstanding discharge (treatment) open enforcement actions pending.

VIII.5.C.1

Violation date	Nature of violation	Current status of violation	Compliance attainment date
Feb 93	Excessive silver in the sanitary sewer system	Awaiting acquisition of new silver recovery units	Jul 94

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

Stormwater runoff permit.

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:

Water is discharged to the POTW

VIII.6.C The base has No discharge impoundments.

VIII.6.D There are discharge (treatment) violations or outstanding discharge (treatment) open enforcement actions pending.

VIII.6.D.1 1 violations or enforcement actions are pending. Their status is:

VIII.6.D.2 Silver is a constant discharge violation that is a part of an IRP project and is being worked by the IRP section.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 95.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 65.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 612 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A There are No ecological or wildlife management areas ON the base. Ecological or wildlife management areas ADJACENT TO the base:
Plum Tree Island National Wildlife Refuge
- VIII.8.A.1 Natural areas on or adjacent to the base are generally recognized as important ecological sites.
Plum Tree Island National Wildlife Refuge
- VIII.8.B No critical/sensitive habitats have been identified on base .
- VIII.8.C The base has a cooperative agreement for conducting a hunting and fishing program.
Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.
- VIII.8.D The presence of these resources does not constrain CURRENT construction activities/operations.
The presence of these resources does not constrain FUTURE construction activities/operations.

9. Biological - Threatened and Endangered Species

- VIII.9.A Threatened and/or endangered species identified on the base:

Species	Kingdom			Remarks
Bald Eagle	Animal	Federa	Listed	Endangered
Peregrine Falcon	Animal	Federa	Listed	Endangered

- VIII.9.B There are No Special Concern species identified on the base.
- VIII.9.C The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

- VIII.10.A Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1 Identification and type of wetland: Approximate acreage:
Marshland estuaries, with Spartina sp. 650
- VIII.10.A.2 The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1
- VIII.10.B.2 100 percent of the base was included in the survey.

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VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

U. S. fish and Wetlands Service National Wetlands Inventory

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources constrains current or future construction activities or operations as follows:

All new construction must be above +8.5 elevation. SAF/MIQ approval, COE, VA Marine Resource Commission and Hampton Wetlands Board permits required. Two for one mitigation measures for wetlands destruction.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding constrains base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites: Significant status:

Too numerous. See Worksheet.

VIII.12.B 52 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 Some properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 Archeological sites have been found.

VIII.12.D.3 No archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 47 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2000

VIII.13.B The installation is a National Priority List (NPL) site or has been proposed as an NPL site.

VIII.13.C Federal Facility Agreements to clean up the base are in place.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 10 sites are being investigated and remediated.

VIII.13.F The IRP currently restricts construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
EPC	\$580.000 K	\$390.000 K	\$390.000 K	\$390.000 K	\$390.000 K
Hazardous Waste Disposal/Remediation	\$450.000 K	\$600.000 K	\$600.000 K	\$650.000 K	\$650.000 K
IRP	\$5,057.000 K	\$4,052.000 K	\$6,390.000 K	\$6,390.000 K	\$6,390.000 K
Natural Resources	\$68.000 K	\$5.000 K	\$5.000 K	\$5.000 K	\$5.000 K
Permits	\$15.000 K				
Stormwater (VEDES)	\$150.000 K	\$175.000 K	\$200.000 K	\$200.000 K	\$225.000 K
Wastewater (HRSD)	\$15.000 K	\$20.000 K	\$20.000 K	\$25.000 K	\$25.000 K

15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

LOCAL: Civil Air Patrol, Langley Saddle Club, York County School Board, LFCU, Crestar Bank, Langley Skeet Club, American Red Cross

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FEDERAL: NASA, USA Corp of Engineers, DeCA, Defense Contracts Admin Service, TRADOC, Defense Investigative Service, Defense Printing Service

16. Air Quality - Clean Air Act

- VIII.16.A** Air Quality Control Area (AQCA) geographic region in which the base is located:
Hampton VA portion of the Tidewater Area
- VIII.16.B** Air quality regulatory agency responsible for the AQCA: Department of Environmental Quality
- VIII.16.B** Name and phone number of the AQCA program manager for issues pertaining to the base:
John Thoreen (804)-838-6627
- The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:
- | | |
|---|--|
| VIII.16.C.1 In Non-Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
- VIII.16.C.7** The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT
- VIII.16.D.1** Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located: 0.14 ppm
- VIII.16.D.2** Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located:
- VIII.16.D.3** Ozone Design value is 115.0% of NAAQS
- VIII.16.D.4** Carbon monoxide % of NAAQS can not be computed
- VIII.16.E.1** The EPA-designated severity of nonattainment for OZONE is Marginal
- VIII.16.E.2** Hampton VA portion of the Tidewater Area
- VIII.16.E.3**
- VIII.16.E.4** The base is Not in a rural transport area
- VIII.16.E.5** The EPA has Not proposed that the AQCA severity of nonattainment for OZONE be redesignated
- VIII.16.F.1** The EPA has not requested an extension to the ozone attainment deadline
- VIII.16.F.2** The AQCA does not expect the EPA to conclude that attainment date was fulfilled

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VIII.16.F.3 The AQCA expects the EPA to redesignate the area to a worse classification of ozone nonattainment

VIII.16.F.3a The AQCA expects the EPA to reclassiy the severity of nonattainment to Moderate

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- III.1.C.4 The hydrant system is 1.0 miles from the bulk storage area.
 III.1.C.5 6 pits are certified for hot pit operations.
 III.1.D The base bulk storage facility is Not serviced by a pipeline.

III.1.D.3 There is no excess storage capacity

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP).
 Storage for others is excluded.

III.1.D.4 Other receipt modes available: One fuel barge, max 4 per 24 hours. Four tank trucks, max 48 per 24 hours
 Number of offload headers: 4
 4 tank trucks can be simultaneously offloaded
 Tank cars can Not be offloaded.

III.1.D.5 6 refueling unit fillstands are available.

III.1.D.5.a 6 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 1458545
 maximum: 2226545

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: DFSP Piney Point, MD

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:

Square footage available (including physical capacity limit):

III.1.E.2 Normal installation mission storage requirement:

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	65994	0
Square footage available (including physical capacity limit):	46709	40773
Normal installation mission storage requirement:	14515	2537

Physical Limits for Cat 1.2 Munitions:

4 above ground mag (Butler), 1 above ground mag (concrete), 2 igloos, 1 multi-cube mag

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Hot cargo pad access limitations:

Access limitations for simultaneous multiple aircraft use apply. Aircraft weight restrictions apply. There are 4 hot pads at 400 x 150ft = 240

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- III.1.F.2 The size of the hot cargo pad is 240,000 sq feet.
- III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000
- III.1.F.4 The hot pad access is taxi-on/taxi-off.
- III.1.F.5 The taxiway servicing the hot pad is 150 ft wide and has a pavement classification number (PCN) of 46.
- III.1.F.6 Aircraft using pad over the last 5 years:
All common USAF, other military service and civilian type cargo aircraft

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

ABERDEEN PROVING GROUND	143 NM
FORT A.P. HILL	82 NM
FORT EUSTIS	12 NM
FORT LEE	48 NM
FORT PICKETT	77 NM

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Aberdeen	146 NM
Alexandria - Newington	107 NM
Baltimore	133 NM
Beaufort	143 NM
Blackstone	78 NM
Fredericksburg - Guinea	81 NM
Goldsboro	129 NM
Goldsboro - Seymour	129 NM
Havelock	135 NM
Havre De Grace	148 NM
Jacksonville - Havelock	135 NM
Little Creek - NAB	13 NM
Newport News - Lee Hall	12 NM
Norfolk - Sewells Point	8 NM
Petersburg	50 NM

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Portsmouth	15 NM
Quantico	97 NM
Richmond - Bellbluff	59 NM
Williamsburg - NWS	20 NM
Williamsburg - Pennimam	20 NM
Woodzell - Bowie	117 NM

III.1.G.3 The base is proximate to a port.

Deep water ports within 150 NM:

Baltimore	132 NM
Morehead City	144 NM
Norfolk	17 NM

III.1.H The base has a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility routinely receives referral patients.

III.1.J.1

Facilities Receiving Referrals:	Types of Patients Referred:
Seymour-Johnson AFB, NC	Orthopedics, OB/GYN, Podiatry
Ft. Eustis, VA	Orthopedics, OB/GYN, Podiatry, Audiology, Surgery
Portsmouth, VA	Orthopedics
Ft. Monroe, VA	Orthopedics, OB/GYN, Podiatry, Audiology, Surgery, Internal Medicine, Ophthalmology

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

Physiological tng, General Dentistry Res tng, Wartime tasking (120 bed Casualty treatment hosp, 4 operating rooms, blood donor cnt, 50-

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Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities project planned to begin before to 1999:

Repair Emer Room, Bathrooms, Radiology Dept, Hosp Interior, Dental Treatment Rooms(DTRs), Construct DTRs, Storage area, Med An

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

III.1.M.1 The project has been approved.

III.1.M.2 Major MCP completed since 1989:

Life Safety Upgrade, OB Ward Renovation, Modified Medical Facilities, bldg 74

III.1.N Base facilities have a total excess storage capacity of 146,022 sq ft.

III.1.N.1 Base facilities have a total covered storage capacity of 196,326 sq ft.

III.1.N.2 Breakout of the total covered storage capacity:

Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store):	157,337 sq ft
Mobility storage:	8,288 sq ft
War Readiness Support Kits (WRSK) storage:	30,701 sq ft

III.1.O 256 light military vehicles are on base.

III.1.P 469 heavy military and special vehicles are on base.

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	FY-92	3400	400.40 \$sK	0.00 \$sK	400.40 \$sK			
		Appropriation	Direct	Reimbursable				
	FY-93	3400	391.70 \$sK	0.00 \$sK		391.70 \$sK		
		Appropriation	Direct	Reimbursable				
	FY-94	3400	402.50 \$sK	0.00 \$sK			402.50 \$sK	
		Appropriation	Direct	Reimbursable				
		3400	227.00 \$sK	0.00 \$sK				227.00 \$sK
								227.00 \$sK
		xxx90 TOTALS:			400.40 \$sK	391.70 \$sK	402.50 \$sK	227.00 \$sK
IV.1.E	xxx95	Communications			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	3400	2,087.40 \$sK	4.60 \$sK	2,092.00 \$sK			
		Appropriation	Direct	Reimbursable				
	FY-92	3400	1,861.80 \$sK	2.80 \$sK		1,864.60 \$sK		
		Appropriation	Direct	Reimbursable				
	FY-93	3400	2,050.60 \$sK	0.10 \$sK			2,050.70 \$sK	
		Appropriation	Direct	Reimbursable				
	FY-94	3400	1,001.90 \$sK	0.00 \$sK				1,001.90 \$sK
								1,001.90 \$sK
		xxx95 TOTALS:			2,092.00 \$sK	1,864.60 \$sK	2,050.70 \$sK	1,001.90 \$sK
IV.1.F	xxx96	Base Operating Support			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	3400	8,777.10 \$sK	23.10 \$sK	8,800.20 \$sK			
		Appropriation	Direct	Reimbursable				
	FY-92	3400	7,861.20 \$sK	79.20 \$sK		7,940.40 \$sK		
		Appropriation	Direct	Reimbursable				
	FY-93	3400	15,757.40 \$sK	2,107.40 \$sK			17,864.80 \$sK	
		Appropriation	Direct	Reimbursable				
	FY-94	3400	12,178.30 \$sK	696.10 \$sK				12,874.40 \$sK
								12,874.40 \$sK
		xxx96 TOTALS:			8,800.20 \$sK	7,940.40 \$sK	17,864.80 \$sK	12,874.40 \$sK
IV.1.G	MFH	Military Family Housing			FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
	FY-91	7045	6,967.60 \$sK	53.40 \$sK	7,021.00 \$sK			
		Appropriation	Direct	Reimbursable				
	FY-92	7045	8,778.20 \$sK	62.90 \$sK		8,841.10 \$sK		
		Appropriation	Direct	Reimbursable				
	FY-93	7045	8,471.70 \$sK	61.30 \$sK			8,533.00 \$sK	
		Appropriation	Direct	Reimbursable				
	FY-94	7045						
		Appropriation	Direct	Reimbursable				

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7045	8,020.70 \$sK	55.00 \$sK				8,075.70 \$sK
	MFH TOTALS:		7,021.00 \$sK	8,841.10 \$sK	8,533.00 \$sK	8,075.70 \$sK

2. Relocation Costs

IV.2 -Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 558,000.00 K

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 294\$sM

Twenty year Net Present Value (517)\$sM

Steady state savings 57\$sM per year

Manpower savings associated with closure 1,161

Return on Investment (years): 5

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Section VI Economic Impact**Economic Area Statistics:**

Norfolk - Virginia Beach - Newport News, VA-NC MSA

Total population: 1,493,303 (FY 92)

Total employment: 855,094 (FY 93)

Unemployment Rates (FY93/3 Year Average/10 Year Average)

5.4% / 6.1% / 5.2%

Average annual job growth: 11,677

Average annual per capita income: \$18,080

Average annual increase in per capita income: \$4.7%

Projected economic impact:

Direct Job Loss:	10,023	
Indirect Job Loss:	<u>5,320</u>	
Closure Impact:	15,343	(1.8% of employment total)
Other BRAC Losses:	<u>(3,627)</u>	
Cumulative Impact:	11,716	(1.4% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 7.2 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$780

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
PENTRAN (Peninsula Transportation Authority)
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 12 miles
- VII.1.B.2 Airport name: Newport News/Williamsburg
- VII.1.B.3 Number of commercial air carriers available at the airport: 3
- VII.1.B.4 Average round trip commuting time to work: 36 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
			Hrs.	Min.	Min.
VII.1.C.1 Swimming pool	Poquoson Municipal	6		12	Min.
VII.1.C.2 Movie theater	Riverdale Twin	4		10	Min.
VII.1.C.3 Public golf course	Hampton Golf Course	6		14	Min.
VII.1.C.4 Bowling lane	Sparetimes	6		14	Min.
VII.1.C.5 Boating	Hampton Yacht Club	5		10	Min.
VII.1.C.6 Fishing	Buckroe Beach Pier	3		10	Min.
VII.1.C.7 Zoo	Norfolk Zoological Park	21		40	Min.
VII.1.C.8 Aquarium	Marine Science Museum	28		45	Min.
VII.1.C.9 Family theme park	Busch Gardens, Williamsburg	26		35	Min.
VII.1.C.10 Professional sports	Harbour Park	23		40	Min.
VII.1.C.11 Collegiate sports	William & Mary and ODU	20		40	Min.

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VII.1.C.12	Camping facilities	Newport News Park	10		Hrs.	30	Min.
VII.1.C.13	Beaches (lake or ocean)	Grandview Beach	6		Hrs.	15	Min.
VII.1.C.14	Outdoor winter sports	Wintergreen Ski Resort	200	4	Hrs.		Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Coliseum Mall 10 min (8 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

Norfolk VA 35 min (23 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 476

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 5428

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 25 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 83.6 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Thomas Nelson Comm College, New Horizons Technical Center

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

Christopher Newport U, ODU, Hampton U, College William & Mary

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Christopher Newport U, ODU, Hampton U, Norfolk State, G. Washington, William & Mary

3. Spousal Employment

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- VII.3.A** 11.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B** 41.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C** 5.4 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D** -0.5 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A** Current ratio of active, non-federal physicians in the community: 2.5 physicians/1000 people
- VII.4.B** Current ratio of hospital beds in the community: 4.4 beds/1000 people

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: Virginia Department of Environmental Quality, Region 223

VIII.1.B The base is located within a maintenance or non-attainment area for specific pollutants.

VIII.1.B.1 No pollutants in maintenance

VIII.1.B.2 Non-attainment area regulated pollutant(s) and severity:

Ozone	Marginal
-------	----------

VIII.1.C There are critical air quality regions within 100 kilometers of the base

(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions

(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

E.1.a No state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.

E.1.b No state or local air quality regulatory agency Requires permits for such units.

E.1.c No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.

E.1.d No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

E.2.a No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).

E.2.b No state or local air quality regulatory agency Limits the hours of these activities.

E.2.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.

E.2.d No state or local air quality regulatory agency Requires emission offsets for these activities.

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2. Airfield Characteristics

II.2 Runway Table:

Primary Designation	Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
	Length	Width		Number	Types
08	Primary	9999 ft	150 ft	No	4 BAK 12, MA1A

II.2.A There are 1 active runways.

II.2.A.1 There are NO cross runways

II.2.B There are NO parallel runways.

II.2.C Dimensions of the primary runway (08).

II.2.C.1 Length: 9,999 ft

II.2.C.2 Width: 150 ft

II.2.D Dimensions of all secondary runways are in the runway table.

II.2.E The primary taxiway is 75 ft wide.

II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency(AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

Aircraft Group		Criteria		Primary Pavements			
				Runways	Taxiways	Aprons	
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Supports Now	Supports Now	Supports Now
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Supports Now	Supports Now	Upgrade Needed

II.2.F.9 Work required to upgrade pavement to the required strength:

Pavement:	Aircraft:	(9.a)	(9.b)	(9.c)
		Unit of Measure	Quantity	Description of Work
Aprons	B-1B	cf	1,200,000	13" PCC overlay of apron
Taxiway	B-1B	cf	500,000	9" PCC overlay on taxiway
Runway	B-1B	cf	700,000	10" thick PCC overlay runway interior

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Aprons	B-52	cf	1,200,000	13" PCC overlay E Apron/11.5" PCC overlay W Apron
Taxiway	B-52	cf	490,000	9" PCC overlay, taxiway alpha
Runway	B-52	cf	625,000	10" PCC overlay runway interior
Aprons	C-141	cf	830,000	9" PCC overlay of aprons
Aprons	C-5B	cf	830,000	9" PCC overlay of aprons
Aprons	KC-10	cf	450,000	5" PCC overlay of east apron
Aprons	KC-135R	cf	670,000	6" PCC overlay of E apron and Alert apron

II.2.G

Excess aircraft parking capacity for operational use.

II.2.G.1

The total usable apron space for aircraft parking is 278,669 Sq Yds.

II.2.G.1.a

Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)	permanently assigned aircraft use the area.)
EAST APRON	680 ft	Transient Aircraft
EAST RAMP	1,855 ft	Primary Aircraft
WEST ACFT PARKING	473 ft	Neither
WEST APRON	600 ft	Neither
West Apron (trans 1)	132 ft	Transient Aircraft
West Apron (trans 2)	710 ft	Transient Aircraft
WEST PARKING APRON	195 ft	Neither
WEST PARKING RAMP	195 ft	Neither
WEST RAMP	195 ft	Neither
TRADOC	640 ft	Neither
GLASSCO	640 ft	Neither
72 Helo Sq	640 ft	Neither
Transient Alert	550 ft	Transient Aircraft
Transient Alert	550 ft	Transient Aircraft
CARS	640 ft	Neither
Unused	640 ft	Neither
F-15 Sq	780 ft	Primary Aircraft
Transient Alert	640 ft	Transient Aircraft

II.2.G.2

Permanently assigned aircraft currently require 152,001 Sq Yds of parking space.

II.2.G.3

19,716 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4

The following factors limit aircraft parking capability:

II.2.H

The dimensions of the (largest) transient parking area: 710 Ft 650 Ft

II.2.I

Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J

Critical features relative to the airfield pavement system that limit its capacity:

Too numerous. See Installation Worksheets

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	6.17 MG/D	MG/D - million gallons per day	47 %
II.3.A.2 Sewage:	4.08 MG/D		28 %
II.3.A.3 Electrical distribution:	26.83 MW	MW - million watts	63 %
II.3.A.4 Natural Gas:	21.00 MCF/D	MCF/D - million cubic feet per day	9 %
II.3.A.5 High temperature water/steam generation/distribution:	149.0 MBTUH	MBTUH - million British thermal units per hour	7 %

II.3.B Characteristics regarding the utility system that should be considered:

The water lines do not have Cathodic Protection. The water tanks and gas lines in Bethel Manor have Cathodic Protection.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 342 Nose Dock

Current Use: Aircraft Corrosion Control

II.4.A.2 Size (SF): 16,936 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-15

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	52 ft	16 ft	
II.4.A.6 Largest unobstructed space inside the facility:	68 ft	16 ft	52 ft

II.4.A.1 Facility number: 351 Hanger

Current Use: GLASSCO

II.4.A.2 Size (SF): 67,509 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: KC-135

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	250 ft	64 ft	
II.4.A.6 Largest unobstructed space inside the facility:	89 ft	64 ft	247 ft

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II.4.A.1 Facility number: 371 Nose Dock

Current Use: TRADOC

II.4.A.2 Size (SF): 21,927 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	154 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	153 ft	22 ft	64 ft

II.4.A.1 Facility number: 372 Nose Dock

Current Use: 72 HELO SQ

II.4.A.2 Size (SF): 19,359 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	154 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	154 ft	22 ft	66 ft

II.4.A.1 Facility number: 373 Nose Dock

Current Use: Fuels Maintenance

II.4.A.2 Size (SF): 16,863 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	154 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	109 ft	22 ft	89 ft

II.4.A.1 Facility number: 374 Nose Dock

Current Use: Aircraft Corrosion Control

II.4.A.2 Size (SF): 16,936 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: C-130

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	154 ft	22 ft	
II.4.A.6 Largest unobstructed space inside the facility:	153 ft	22 ft	109 ft

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II.4.A.1 Facility number: 751 Hanger
Current Use: 27TH AND 71 FIGHTER SQ.

II.4.A.2 Size (SF): 67,240 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	112 ft	22 ft	
II.4.A.6	Largest unobstructed space inside the facility:	114 ft	22 ft	240 ft

II.4.A.1 Facility number: 753 Hanger

Current Use: 71 FQ/Phase

II.4.A.2 Size (SF): 65,968 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	112 ft	22 ft	
II.4.A.6	Largest unobstructed space inside the facility:	114 ft	22 ft	247 ft

II.4.A.1 Facility number: 756 Hanger

Current Use: 71 FIGHTER SQ

II.4.A.2 Size (SF): 41,134 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	112 ft	22 ft	
II.4.A.6	Largest unobstructed space inside the facility:	112 ft	22 ft	107 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.1	08	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	26	CZ	0	207	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

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DNL	Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
08	APZ 1	9	344	0.0	0.0	0.0	0.0	0.0	3.0	3.0	0.0	94.0
26	APZ 1	0	344	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
08	APZ 2	212	482	20.0	20.0	3.0	0.0	0.0	0.0	31.0	0.0	66.0
26	APZ 2	0	482	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	100.0
65-70		3,028	4,792	0	0	6.0	4.0	0.0	3.0	2.0	0.0	85.0
70-75		1,341	2,621	0	0	4.0	1.0	0.0	2.0	1.0	0.0	92.0
75-80		135	1,092	1	1	1.0	1.0	1.0	2.0	2.0	0.0	96.0
80+		0	788	0	0	0.0	0.0	0.0	2.0	1.0	0.0	97.0

Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
08	CZ	0	207	0	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
26	CZ	0	207	0	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
08	APZ 1	0	344	0	0	0.0	0.0	0.0	30.0	70.0	0.0	0.0
26	APZ 1	0	344	0	0	0.0	0.0	0.0	0.0	100.0	0.0	0.0
08	APZ 2	250	482	25	25	10.0	0.0	0.0	20.0	40.0	10.0	20.0
26	APZ 2	0	482	0	0	0.0	0.0	0.0	0.0	0.0	0.0	100.0

DNL	Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
65-70		3,500	4,792	0	0	10.0	5.0	0.0	5.0	5.0	5.0	75.0
70-75		1,400	2,621	0	0	5.0	2.0	0.0	4.0	2.0	2.0	87.0
75-80		100	1,092	1	1	1.0	0.0	1.0	2.0	2.0	0.0	96.0
80+		0	788	0	0	0.0	0.0	0.0	10.0	1.0	0.0	89.0

The most recent, publicly released AICUZ study is dated Jan 91

Current AICUZ study's flying activities subsection does not reflect all currently assigned aircraft

Subsection does Not reflect the number of daily flying operations conducted by all assigned aircraft

Current AICUZ study's flight track figure/map reflects current flight tracks.

Explanation of areas where the current AICUZ study does not reflect the current situation:

The AICUZ addresses the noise impact area and not the type of aircraft assigned and the number daily flying operations

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II.6.E The AICUZ study was last updated on Jan 91

The study is no longer valid. Milestones for updating the study:

II.6.E.1 Public release in March 1995.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
Hampton, VA	City zoning ordinance and height restrictions	Permitted land uses, densities, and ensuring that new developments are compatible with noise zone and APZ parameters and that existing incompatible development is eliminated over time and replaced by more suitable development.

II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name:	Types of controls in place	Types of encroachment limited:
Hampton, VA	Hampton Comprehensive Land Use Plan, Zoning Ordinance and local building codes	Noise contour zones are regulated, guided, and restricted in terms of land use type, density, height and noise attenuation

II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
Hampton, VA	Hampton Comprehensive Land Use Plan, Zoning Ordinance and local building codes	Noise contour zones are regulated, guided, and restricted in terms of land use type, density, height and noise attenuation

II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Hampton, VA	Hampton Comprehensive Land Use Plan, Zoning Ordinance and local building codes	Noise contour zones are regulated, guided, and restricted in terms of land use type, density, height and noise attenuation

II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Hampton, VA	Hampton Comprehensive Land Use Plan, Zoning Ordinance and local building codes	Noise contour zones are regulated, guided, and restricted in terms of land use type, density, height and noise attenuation

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:

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Hampton, VA	Hampton Comprehensive Land Use Plan, Zoning Ordinance and local building codes	Noise contour zones are regulated, guided, and restricted in terms of land use type, density, height and noise attenuation
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II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Hampton, VA	Hampton Comprehensive Land Use Plan, Zoning Ordinance and local building codes	Noise contour zones are regulated, guided, and restricted in terms of land use type, density, height

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.
Significant development is projected for one or more AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.1 Communities in the vicinity of the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Poquoson	4278	5441	8726	11005	13395
Newport News	113662	138177	144903	171439	184000
City of Hampton, VA	89210	120779	122617	133793	146334

II.6.H.2 Metropolitan area encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop
Hampton Roads SMSA	0	1088452	1187846	1417907	1642423

II.6.I All clear zone acquisition has been completed.

II.6.J All existing on base facilities are sited in accordance with AICUZ recommendations.

Type of facility:	Approximate number of occupants	Zone with violation	Reason the incompatibility is necessary
Chapel	300	75-80	Historic structure
MFH 47 facilities (duplex units) and 145-man dorm	345	75-80	Historic structure

Planned on base facilities not sited in accordance with AICUZ recommendations:

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Air Space Encroachment

- II.6.K** Noise complaints are received from off base residents.
- II.6.K.1** 3.0 noise complaints per month (average) are received from off base residents.
- II.6.L** The base has implemented noise abatement procedures as follows:
- II.6.L.1** **Maint:** Engine run-up activities are not performed between 2230 and 0600 hours, except for high priority mission requirements. **Flight Ops:** Scheduled to minimize noise levels during evening hours. **Arvls/dept:** Minimize overflight populated areas

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 3 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is MHE

III.1.A.1.b Current MHE: 55; 25 K loaders, 1 wide body loader, 10 forklifts, 1, 9 ton truck, 9 tugs

III.1.A.2 10 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:				Remarks:
	Can land	Can taxi	Can park	Can refuel	
747					
C-5					
KC-10					

III.1.C The base has an operational fuel hydrant system:

III.1.C.1 The fuel hydrant system is Not available to transient aircraft.

III.1.C.2 0 hydrant pits are operational.

Description of base fuel hydrant system:

System Type:	Total Pumping Rate (GPM):	Number of Laterals:	Number of Usable Refueling Positions:	Number of SIMULTANEOUS aircraft refuelings of	
				Narrow	Widebody
TYPE I	2400	8	8	6	3

III.1.C.3 8 fuel storage tanks support the operational fuel hydrant system:

Storage tank Capacity:	Tanks with this capacity
25000	8

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- I.2.E.7.a** **Hours scheduled:** 314 hrs
- I.2.E.7.b** **Hours used:** 311 hrs
- I.2.E.7.c** **Reasons for non-use:**
 Low level and air refueling training, weather, overseas deployments, and training requirements were completed during DS/DS decreasing home station training requirements
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 1100 sq miles
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: EVERS MOA
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 Environmental is in progress but not on file.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 The DOPAA will be used in the future.
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**

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- I.2.E.7** **Published availability of the airspace:**
 Sunrise through sunset, seven days a week (assume 12 hours per day + 4380 hours per year)
 Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 20 hrs
- I.2.E.7.b** **Hours used:** 20 hrs
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 480 sq miles
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: FARMVILLE MOA
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 An EA for this MOA was processed in 1982. A supplement to change the MOA's operating hours was processed and approved in 1989.
 Currently changing boundaries by removing airport and operating hours. Awaiting final approval. Projected comp Jul 94
- I.2.E.2.b** **There are problems associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
 The DOPAA has been developed and will be used in future environmental analyses.
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.4.a** **Public-use airport**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**

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I.2.E.6 There are No restrictions currently acting on this airspace

I.2.E.7 Published availability of the airspace:

0930-1430 and 1600-1700 daily, Monday through Friday

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a Hours scheduled: 161 hrs

I.2.E.7.b Hours used: 132 hrs

I.2.E.7.c Reasons for non-use:

Low level and air refueling training, weather, overseas deployments, decrease of aircraft carriers stationed in the area.

I.2.E.8 Utilization of the airspace can be increased.

I.2.E.9 It is possible to expand hours and volume to increase the airspace utilization.

I.2.E.10 Description of the volume or area of the Airspace:

1750 sq miles

I.2.E.11 95.00 percent of the airspace is usable.

Commercial Aviation Impact

I.2.E.12 The base is Not joint-use (military/civilian).

I.2.E.13 List of all airfields within a 50 mile radius of the base:

Airfield:	Airfield:
Aberdeen	Uncontrolled
Accomack County	General Aviation
Arrowhead Point	Uncontrolled
Brandywine	Uncontrolled
Bull AF	Uncontrolled
Camp Peary	Military
Chance	Uncontrolled
Cherrystone	Uncontrolled
Chesapeake	Commercial
Currituck County	Commercial
Elizabeth City	Commercial
Federhart Ophelia	Uncontrolled

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Felker AAF	Military
Franklin Rose	Commercial
Frog Hollow	Uncontrolled
Garner	Uncontrolled
Grasso	Uncontrolled
Hampton Roads	Civilian
Handy	Uncontrolled
Handy Point	Uncontrolled
Hoffman	Uncontrolled
Hummel	Commercial
Jett	Uncontrolled
Johnson	Uncontrolled
Kellam	Civilian
Kilmarnock	Commercial
Longbranch	Uncontrolled
Meadstown	Uncontrolled
Melville	Uncontrolled
Nalf Fentress	Military
NAS Norkolk Chambers	Military
NAS Oceana	Military
New Kent County	Commercial
Newport News/Williamsburt IAP	Commercial
Norfolk IAP	Commercial
Onley	Uncontrolled
Peace & Plenty	Uncontrolled
Portsmouth	Commercial
Reedville	Uncontrolled
Remo	Uncontrolled
Rosegill	Uncontrolled
Scott Af,	Uncontrolled
Shandy Hall	Uncontrolled
South Hampton	Uncontrolled
Suffolk	Commercial
Tangier Island	Commercial

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Umphlett	Uncontrolled
Wakefield	Commercial
Wells	Uncontrolled
Westpoint	Uncontrolled
Williamsburg Jamestown	Commercial

I.2.E.14 Civilian/commercial operators or other airspace users constrain or limit operations:

I.2.E.14.a Description of impacts: Occasional delays in takeoff.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** **Expansion of training airspace is possible.**
- I.2.F.1.a** **Estimated expansion potential is 30.0 percent. Rationale for estimate:**
 Expansion of offshore warning areas has been requested in would result in a 30% increase of available training airspace. An expansion of Evers MOA has also been requested that would result in a 90% increase in that MOA.
- I.2.F.2** **Current access is expected to change.**
- I.2.F.3** **Reductions in training airspace are expected**
- I.2.F.3.a** **Estimated reduction potential is 0.0 percent. Rationale for estimate:**
 U.S. territorial extension from three to nine miles reduces the size of all offshore warning areas by a nine mile piece of arispace along their western borders.
- I.2.F.4** **Current special use airspace and training areas do Not meet all training requirements.**
- I.2.F.4.a** **Some of training requirements ONLY be met by deployed, off-station training.**
- I.2.F.4.b** **Degradation experienced:** Size and distance of overland SUA increase flying time to reach reducing training time. Off-station deployments require tanker and maintenance personnel support.

G. Composite / Integrated Force Training

- I.2.G.1** **Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:**
 FORT EUSTIS
 12 NM from the base.
- I.2.G.2** **DELETED**
- I.2.G.3** **Nearest Naval unit where joint training can be accomplished:**
 NAS Oceana
 22 mi from the base.
- I.2.G.4** **Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:**
 192FG(ANG) Byrd Fld Richmond
 52 mi from the base.
- I.2.G.5** **DELETED**

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H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / 1/2 mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.0	98.2	89.7	85.5	81.2

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 93.7 percent of the time

I.2.J.2.b Is at or below 25 knots 99.4 percent of the time

I.2.J.3 11 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

Site	Description	Total Acreage	Acreage Presently Developed	Acreage Suitable for New Development
II.1.A.1 Bethel Manor	Housing Area	284	284	
II.1.A.2 Langley AFB, VA	Main Base	2,883	1,983	269
TOTALS:		3,167	2,267	269

B. Facilities

II.1.B.1 From real property records:

Facility Code	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage Cond Code 1 (%)	Percentage Cond Code 2 (%)	Percentage Cond Code 3 (%)	(C) Excess Capacity
II.1.B.1.a.i	121-122 Hydrant Fueling System Pits	EA	1	1	100.0	0.0	0.0	0
II.1.B.1.a.ii	121-122a Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131 Communications-Buildings	SF	N/A	44,059	100.0	0.0	0.0	N/A
II.1.B.1.c	141 Operations-Buildings	SF	N/A	312,695	91.0	9.0	0.0	N/A
II.1.B.1.c.i	141-232 Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753 Squadron Operations	SF	42,000	64,177	100.0	0.0	0.0	22,177
II.1.B.1.c.iii	141-782 Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784 Air Passenger Terminal	SF	4,000	3,087	100.0	0.0	0.0	0
II.1.B.1.c.v	141-785 Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171 Training Buildings	SF	N/A	152,599	78.0	22.0	0.0	N/A
II.1.B.1.d.i	171-211 Flight Training	SF	0	0		0.0	0.0	0
II.1.B.1.d.ii	171-211a Combat Crew Tmg Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212 Flight Simulator Training (High Bay)	SF	7,000	8,266	100.0	0.0	0.0	1,266
II.1.B.1.d.iv	171-212a Companion Tmg Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618 Field Training Facility	SF	21,000	22,845	100.0	0.0	0.0	1,845
II.1.B.1.e	211 Maintenance Aircraft	SF	N/A	444,997	100.0	0.0	0.0	N/A
II.1.B.1.e.i	211-111 Maintenance Hanger	SF	53,522	164,058	100.0	0.0	0.0	110,536
II.1.B.1.e.ii	211-152 General Purpose Aircraft Maintenance	SF	80,624	109,913	100.0	0.0	0.0	29,289
II.1.B.1.e.iii	211-152a DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153 Non-Destructive Inspection (NDI) Lab	SF	5,866	5,866	100.0	0.0	0.0	0

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II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	44,149	58,541	100.0	0.0	0.0	14,392
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	40,436	49,436	0.0	0.0	100.0	9,000
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	0	0		0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	18,600	24,086	100.0	0.0	0.0	5,486
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	9,802	9,802	100.0	0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	18,863	16,863	100.0	0.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	5,066	5,066	100.0	0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	8,398	100.0	0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	8,398	8,398	100.0	0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.	214	Maintenance-Automotive	SF	N/A	47,938	96.0	4.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	31,651	37,964	94.0	6.0	0.0	6,313
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	3,600	3,600	100.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	17,500	16,729	100.0	0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	18,000	3,184	100.0	0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	26,203	99.0	1.0	0.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	19,306	18,241	100.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	12,000	1,936	100.0	0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	40,012	38,340	86.0	14.0	0.0	0
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	12,300	5,390	100.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	12,000	15,141	100.0	0.0	0.0	3,141
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	147,813	37.0	58.0	5.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	68,400	83,656	0.0	100.0	0.0	15,256
II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	50,489	85.0	15.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	10,954	100.0	0.0	0.0	10,954

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II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	0	27,851	88.0	12.0	0.0	27,851	0.0	27,851
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	1,980	100.0	0.0	0.0	1,980	0.0	1,980
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipment)	SF	0	4,705	13.0	87.0	0.0	4,705	0.0	4,705
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	0		0.0	0.0	N/A	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	271,511	99.0	1.0	0.0	N/A	0.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	0	0		0.0	0.0	0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	0	4,795	100.0	0.0	0.0	4,795	0.0	4,795
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	125,391	155,391	98.0	2.0	0.0	30,000	0.0	30,000
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W)	SF	18,000	30,701	100.0	0.0	0.0	12,701	0.0	12,701
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	27,000	10,234	100.0	0.0	0.0	0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	170,035	25.0	75.0	0.0	N/A	0.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	0		0.0	0.0	N/A	0.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	13,837	0.0	100.0	0.0	N/A	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	1,291,220	81.0	16.0	3.0	N/A	0.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	9,408	9,408	0.0	100.0	0.0	0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAG)	PN	N/A	1,255	100.0	0.0	0.0	N/A	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	1,603	1,032	100.0	0.0	0.0	0	0.0	0
II.1.B.1.cc	722	Dining Hall	SF	N/A	25,238	100.0	0.0	0.0	N/A	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	22,280	25,238	100.0	0.0	0.0	2,958	0.0	2,958
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	102	100.0	0.0	0.0	N/A	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	174,601	69.0	1.0	30.0	N/A	0.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	613,828	90.0	8.0	2.0	N/A	0.0	N/A
II.1.B.1.99	852-273	Acft Support Equipment Storage	SY	4,260	6,443	100.0	0.0	0.0	2,183	0.0	2,183

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	Aircraft Pavement-Runway(s)	SY	264,000	100.0	0.0	0.0
II.1.B.1.b	Airfield Pavements-Taxiways	SY	234,059	100.0	0.0	0.0
II.1.B.1.c	Airfield Pavement-Apron(s)	SY	750,700	85.0	15.0	0.0
II.1.B.1.d	Dangerous Cargo Pad	SY	0			
II.1.B.1.e	Elec Power-Trans & Distr Lines	LF	881,721	80.0	20.0	0.0

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II.1.B.1.f	822	Heat-Trans & Distr Lines	LF	76,930	100.0	0.0	0.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	242,068	70.0	30.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	396,409	100.0	0.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	1,014	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	691,333	100.0	0.0	0.0
II.1.B.1.k	852	Veh/Equip Parking	SY	550,384	34.0	66.0	0.0

C. Family Housing (Facility Category Code 711)

- II.1.C.1 Capacity (housing Inventory)
- II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:
- II.1.C.1.b Number of standard units from current DD Form 1410, line 18e:
- II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:
- II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.
- II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:
- II.1.C.2 Condition
- II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:
- II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:
- II.1.C.2.a Number of new housing units projected to meet current deficit.
- II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base
- II.1.C.3.a 21.0 percent of officer families live on base.
- II.1.C.3.b 33.0 percent of enlisted families live on base.
- II.1.C.3.a 30.0 percent of all military families live on base.

(includes E-1 - E3 requirements)

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

(Units meeting whole-house standards are those that were programmed/renovated after FY88).

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

	Unit or Activity:	Personnel Authorizations for FY93/4			
		Officer	Enlisted	Civilian	Total
I.1.A.1	C.I. Travel	-	-	14	14
I.1.A.2	AAFES	-	-	498	498
I.1.A.3	AF MWRF	-	-	2	2
I.1.A.4	Aero Club	-	-	8	8
I.1.A.5	Army Cors of Eng	-	-	8	8
I.1.A.6	Arts & Crafts	-	-	11	11
I.1.A.7	Bank	-	-	11	11
I.1.A.8	Base Admin	-	-	5	5
I.1.A.9	Bowling Center	-	-	32	32
I.1.A.10	C.A.E.	-	-	5	5
I.1.A.11	CLIC	9	-	6	15
I.1.A.12	Child Care Center	-	-	49	49
I.1.A.13	Contractors	-	-	50	50
I.1.A.14	Credit Union	-	-	18	18
I.1.A.15	Crestmont Co.	-	-	60	60
I.1.A.16	DECA	-	8	109	117
I.1.A.17	DIS	-	-	4	4
I.1.A.18	Def Printing	-	-	7	7
I.1.A.19	DoD Log Agency	-	-	2	2
I.1.A.20	Education Center	-	-	21	21
I.1.A.21	Golf Course	-	-	59	59
I.1.A.22	HQ ACC	-	-	6	6
I.1.A.23	Lodging	-	-	85	85
I.1.A.24	NAFFMB	-	-	15	15
I.1.A.25	NASA	-	-	285	285
I.1.A.26	NCO Club	-	-	87	87
I.1.A.27	Officer's Club	-	-	107	107

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I.1.A.28	Parks & Playground	-	-	8	8
I.1.A.29	Personnel	-	-	4	4
I.1.A.30	Post Office	-	-	13	13
I.1.A.31	Reach Center	-	-	1	1
I.1.A.32	Recreation Center	-	-	17	17
I.1.A.33	Recreation Supply	-	-	9	
I.1.A.34	Red Cross	-	-	2	2
I.1.A.35	Sports & Fitness	-	-	4	4
I.1.A.36	VA Ops Supt Airlift	3	6	15	24
I.1.A.37	Veterinarian Services	1	1	2	4
I.1.A.38	Veterinary Clinic	-	-	5	5
I.1.A.39	Youth Center	-	-	16	16
I.1.A.40	yacht Club	-	-	6	6
TOTAL:					1685

I.1.B No Remote/Geographically Separated Units receive more then 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 None of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:			(A.3) Detailed traffic counts:			
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	2	5503	197	5306	1877	3239	253
Tower	2	70643	13287	57356	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 08
 38854 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 1

The total number of sorties per month: 17333

The average length of the delays: 0:00

I.2.A.6.b There is a common rationale for the delays:

Nearly all delays were encountered on departure. The most common reason for delays was waiting for IFR release from Norfolk Approach Control.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: NORFOLK NAVAL INSTALLATI distance 14 NM

Nearest major primary airdrop customer: FORT LEE distance 48 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 2334 NM

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Rota AB: 3361 NM
 Hickam AFB: 4336 NM
 RAF Mildenhall: 3354 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	NORFOLK NAS	9
I.2.B.4	Military airfield, runway >= 8,000ft	NORFOLK NAS	9
I.2.B.5	Military airfield, runway >= 10,000ft	OCEANA NAS	22
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Newport News IAP	7
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Newport News IAP	7
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	NAS Oceana	22
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	Byrd Field	52
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Dulles IAP	125

I.2.B.11 Name and distance to an emergency landing airfield compatible with aircraft flown at the base.

NAS Chambers, Norfolk VA

9 NM

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-386 A,B,C,D,E	104 NM	W-108 A,B	119 NM	W-108 A,B	119 NM
W-122 A,B,C,F,G,H,I,J	128 NM	W-72 A,B	135 NM	W-122 D	153 NM
W-122 E	153 NM	W-72B	158 NM	W-107 A,D,E,F	193 NM
W-107 A,D,E,F,	193 NM	W-122 A,B,C,D,E,F,G,H,I,	196 NM	W-161A,B/W-177A,B	267 NM

I.2.C.2 MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft, within 200 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-72A	84 NM	W-386 A,B,C,D,E	104 NM	W-108 A,B	119 NM
W-108 A,B	119 NM	W-122 A,B,C,F,G,H,I,J	128 NM	W-386B	134 NM
W-72 A,B	135 NM	W-387 A,B	137 NM	W-387A	137 NM
W-387B	137 NM	W-122 D	153 NM	W-122 E	153 NM
W-72B	158 NM	W-107A	184 NM	W-122F	184 NM

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W-122C	186 NM	W-107 A,D,E,F	193 NM	W-107 A,D,E,F,	193 NM
W-122 A,B,C,D,E,F,G,H,I,	196 NM				

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-72A	84 NM	W-386 A,B,C,D,E	104 NM	W-108 A,B	119 NM
W-108 A,B	119 NM	W-122 A,B,C,F,G,H,I,J	128 NM	W-386B	134 NM
W-72 A,B	135 NM	W-387 A,B	137 NM	W-387A	137 NM
W-122 D	153 NM	W-122 E	153 NM	W-72B	158 NM
W-107A	184 NM	W-122F	184 NM	W-122C	186 NM
W-107 A,D,E,F	193 NM	W-107 A,D,E,F,	193 NM	W-122 A,B,C,D,E,F,G,H,I,	196 NM
W-122I	212 NM	W-122G	220 NM	W-177A	257 NM
W-122J	264 NM	W-161A,B/W-177A,B	267 NM	W-132 A,B	321 NM
W-105A	324 NM	W-105 A,B,D,E,G	330 NM	W-155 A,B,D,E,G	330 NM
W-105E	350 NM	W-132A,B/W-134/W-157A	361 NM	W-157B	363 NM
W-157C	380 NM	W-157A	389 NM	W-158B	463 NM
W-158A	476 NM	W-497B	537 NM	W-102 LOW	541 NM
W-497 A,B	546 NM	W-497A	547 NM		

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
NAVY DARE COUNTY	84 NM	USAF DARE COUNTY	87 NM	CHERRY POINT BT-11	126 NM
WARREN GROVE	182 NM	INDIANTOWN GAP	202 NM	POINSETT	281 NM
TOWNSEND	423 NM	FT DRUM	432 NM	JEFFERSON PROVING G	443 NM
ATTERBURY	476 NM	GRAND BAY	498 NM	PINECASTLE	547 NM
GRAYLING	597 NM	AVON PARK BRAVO/FO	616 NM	AVON PARK CHARLIE/E	619 NM
EGLIN C62	625 NM	EGLIN C52	632 NM	SHELBY EAST	720 NM
SHELBY WEST	725 NM	CANNON	757 NM	HARDWOOD	757 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

OCEANA TACTS	86 NM
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I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

OCEANA TACTS	86 NM
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I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

TANGIER ISLAND	42 NM
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I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	6	10	13	30	55	89
SR	4	7	17	50	71	100
VR	9	20	27	52	98	129
Total Routes:	19	37	57	132	224	318

Identify Routes:

IR-714 23 NM	IR-760 23 NM	VR-1754 23 NM	VR-1753 31 NM	VR-1755 31 NM	SR-867 33 NM
IR-715 36 NM	IR-718 36 NM	IR-719 45 NM	VR-1752 50 NM	IR-720 52 NM	VR-1061 77 NM
VR-1759 77 NM	VR-096 89 NM	SR-820 91 NM	SR-821 91 NM	SR-835 91 NM	VR-073 92 NM
VR-1709 94 NM					
IR-062 101 NM	VR-1711 102 NM	VR-1712 102 NM	VR-1713 102 NM	VR-1057 110 NM	VR-1058 120 NM
IR-716 122 NM	IR-762 126 NM	VR-1756 126 NM	VR-085 131 NM	VR-086 131 NM	IR-761 132 NM
VR-1751 132 NM	VR-1043 137 NM	VR-1046 144 NM	SR-844 150 NM	SR-845 150 NM	SR-846 150 NM
VR-1722 156 NM	SR-800 165 NM	SR-805 165 NM	SR-801 165 NM	SR-802 170 NM	SR-807 170 NM
SR-808 170 NM	SR-806 170 NM	SR-804 170 NM	SR-803 170 NM	VR-708 172 NM	VR-1721 177 NM
IR-721 178 NM	VR-704 183 NM	VR-705 183 NM	VR-1758 187 NM	SR-847 188 NM	IR-012 189 NM
IR-022 192 NM	VR-1757 194 NM				
VR-1060 205 NM	VR-1074 209 NM	IR-035 212 NM	VR-1069 212 NM	VR-1040 215 NM	IR-082 219 NM
VR-093 219 NM	IR-726 231 NM	VR-1726 231 NM	VR-087 235 NM	IR-743 239 NM	VR-1743 239 NM
SR-871 248 NM	SR-874 248 NM	SR-873 248 NM	SR-872 248 NM	VR-707 255 NM	VR-1013 269 NM
IR-081 276 NM	IR-723 280 NM	VR-088 281 NM	SR-815 288 NM	SR-817 288 NM	SR-822 288 NM
SR-816 288 NM	SR-818 291 NM	IR-074 297 NM	IR-608 302 NM	IR-036 311 NM	VR-095 319 NM
VR-1059 319 NM	SR-166 322 NM	IR-079 326 NM	IR-080 326 NM	IR-090 329 NM	VR-097 329 NM
SR-823 333 NM	VR-1631 339 NM	SR-737 342 NM	VR-1632 342 NM	SR-738 342 NM	VR-1633 342 NM
SR-901 345 NM	VR-1041 345 NM	VR-058 348 NM	SR-733 350 NM	SR-732 351 NM	SR-735 351 NM
SR-734 352 NM	SR-707 360 NM	SR-904 360 NM	SR-708 360 NM	SR-711 360 NM	SR-714 360 NM
SR-713 360 NM	SR-710 360 NM	SR-105 363 NM	IR-083 368 NM	IR-075 370 NM	SR-900 373 NM
IR-018 375 NM	VR-1049 376 NM	SR-709 378 NM	SR-715 378 NM	SR-712 378 NM	SR-905 382 NM
SR-825 385 NM	IR-042 387 NM	VR-1068 387 NM	VR-724 390 NM	VR-725 390 NM	VR-1003 391 NM
IR-023 392 NM	VR-1055 392 NM	SR-102 393 NM			
VR-1011 403 NM	IR-002 404 NM	VR-1801 429 NM	VR-1617 435 NM	VR-1638 435 NM	VR-1001 437 NM
SR-902 439 NM	VR-1668 443 NM	SR-035 447 NM	SR-040 447 NM	SR-037 447 NM	SR-036 447 NM
VR-1052 453 NM	VR-1004 454 NM	SR-701 464 NM	SR-703 464 NM	VR-1002 467 NM	SR-702 468 NM
IR-089 469 NM	VR-094 469 NM	IR-801 469 NM	VR-1624 471 NM	VR-1625 471 NM	VR-092 474 NM

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IR-016	476 NM	VR-1667	476 NM	IR-033	480 NM	VR-1009	484 NM	VR-840	487 NM	VR-842	487 NM
VR-841	487 NM	VR-1800	488 NM	VR-1066	489 NM	VR-1006	496 NM	VR-1007	496 NM	VR-1640	499 NM
VR-1008	507 NM	VR-1641	508 NM	VR-1642	508 NM	IR-843	509 NM	IR-843A	509 NM	IR-019	511 NM
SR-038	516 NM	VR-1010	524 NM	IR-618	525 NM	VR-619	525 NM	SR-039	526 NM	IR-069	528 NM
IR-077	532 NM	VR-1065	532 NM	VR-1039	540 NM	VR-1005	541 NM	SR-059	542 NM	SR-061	542 NM
SR-062	542 NM	SR-060	542 NM	IR-017	543 NM	VR-1017	543 NM	SR-225	545 NM	IR-015	546 NM
IR-066	547 NM	VR-1050	547 NM	VR-1051	547 NM	VR-1056	547 NM	IR-067	547 NM	VR-1679	548 NM
VR-1054	552 NM	VR-1627	553 NM	VR-1628	553 NM	VR-664	553 NM	SR-069	555 NM	SR-070	555 NM
SR-071	555 NM	SR-072	555 NM	IR-041	557 NM	IR-063	557 NM	VR-1067	557 NM	VR-1626	559 NM
SR-782	570 NM	IR-610	573 NM	VR-1070	573 NM	SR-781	582 NM	IR-800	583 NM	IR-800A	583 NM
IR-804	583 NM	IR-850	590 NM	IR-852	590 NM	IR-851	590 NM	IR-032	594 NM	VR-1645	594 NM
VR-1644	597 NM	VR-1647	597 NM								
IR-078	602 NM	VR-060	606 NM	IR-157	610 NM	IR-174	610 NM	VR-634	612 NM	VR-1014	615 NM
IR-048	621 NM	VR-615	622 NM	IR-047	624 NM	VR-1097	625 NM	VR-1082	626 NM	VR-1085	626 NM
VR-1084	626 NM	VR-1016	627 NM	IR-614	630 NM	VR-1635	630 NM	IR-055	631 NM	IR-059	635 NM
SR-106	635 NM	SR-104	635 NM	SR-101	635 NM	SR-103	635 NM	IR-057	636 NM	IR-030	638 NM
IR-031	638 NM	IR-046	642 NM	VR-1030	644 NM	IR-020	646 NM	VR-1031	647 NM	SR-774	649 NM
IR-049	650 NM	IR-091	650 NM	IR-050	650 NM	IR-051	650 NM	VR-1098	650 NM	SR-137	652 NM
IR-021	653 NM	IR-800B	659 NM	VR-1636	660 NM	SR-075	661 NM	VR-1089	661 NM	VR-1033	670 NM
VR-1639	672 NM	IR-592	675 NM	SR-773	683 NM	VR-1020	683 NM	IR-044	684 NM	SR-771	685 NM
IR-805	691 NM	SR-073	695 NM	SR-074	695 NM	IR-609	703 NM	SR-238	705 NM	VR-1087	706 NM
VR-1088	706 NM	IR-037	707 NM	IR-068	713 NM	VR-1083	714 NM	IR-038	715 NM	IR-803	715 NM
IR-802	715 NM	SR-031	716 NM	IR-040	719 NM	VR-1021	719 NM	VR-1023	719 NM	VR-1024	719 NM
SR-029	724 NM	IR-053	738 NM	VR-1022	738 NM	VR-1072	744 NM	IR-070	746 NM	VR-1032	747 NM
SR-785	754 NM	IR-034	758 NM	IR-056	758 NM	SR-776	771 NM	VR-179	772 NM	VR-1648	775 NM
SR-030	777 NM	SR-218	781 NM	SR-221	781 NM	SR-226	781 NM	SR-229	781 NM	SR-231	781 NM
SR-237	781 NM	SR-232	781 NM	SR-230	781 NM	SR-227	781 NM	SR-222	781 NM	SR-220	781 NM
SR-219	781 NM	IR-527	784 NM	VR-1666	785 NM	VR-1650	797 NM				

I.2.C.9 IR-430 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 1145 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
2	9	31

I.2.C.10.a Routes and distance to route's control point:

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Refueling Route	Distance						
AR-636	146 NM	AR-612	158 NM				
AR-207SW SOUTHW	205 NM	AR-600	247 NM	AR-328	266 NM	AR-218H	268 NM
AR-218L	268 NM	AR-202S SOUTH	274 NM	AR-601	288 NM		
Racoon MOA	303 NM	AR-455 WEST	317 NM	AR-207NE NORTHEA	322 NM	AR-777	328 NM
AR-202AN ALTERNA	344 NM	AR-217	347 NM	AR-633A	347 NM	AR-216 SOUTHWEST	353 NM
AR-206H	360 NM	AR-206L	360 NM	AR-203 SOUTHWEST	370 NM	AR-315 WEST	371 NM
AR-609	391 NM	AR-633B	400 NM	AR-455 EAST	419 NM	AR-631	427 NM
AR-202N NORTH	446 NM	AR-216 NORTHEAST	461 NM	AR-315 EAST	468 NM	AR-608	488 NM
AR-204 NORTHEAST	489 NM	AR-212 NORTHEAST	489 NM				

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
3592	4691

Track	Distance	Events	Track	Distance	Events	Track	Distance	Events	Track	Distance	Events
AR-218	268 NM	359	Racoon	303 NM	1829	AR-455	317 NM	372	AR-216	353 NM	64
AR-206H	360 NM	50	AR-206L	360 NM	20	AR-203	370 NM	223	AR-204	489 NM	319
AR-212	489 NM	356			0			0			0

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 303NM from the base."

I.2.C.10d Percentage of tanker demand in region: 17.0

Percentage of tankers based in region: 25.0

Tanker saturation within the region has been classified as tanker Rich

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
AEGIS	143 NM	✓	✓	✓	0	1
ANDREWS	106 NM		✓		0	1
BLACKSTONE	76 NM	✓	✓	✓	0	1
CANAL	132 NM	✓	✓	✓	0	0
CASWELL BEACH (WATER)	212 NM	✓	✓		0	0
CHERRY	133 NM	✓	✓	✓	0	0
CORINTH	178 NM	✓			0	0
COTENTIN	179 NM	✓	✓	✓	0	0

UNCLASSIFIED

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DARLINGTON	234 NM	✓	✓	✓	0	0
DAVIS #1	165 NM	✓		✓	0	0
DAVIS #2	164 NM	✓	✓	✓	0	0
DAVIS (CIR)	164 NM				0	0
DEEP CREEK	178 NM		✓		0	0
DOVE - FT PICKETT	73 NM	✓	✓	✓	0	1
EAST FORK	133 NM	✓	✓		0	0
FARNEL BAY WATR	154 NM				0	0
FERRUZZI	132 NM	✓			0	0
FLYING DUTCHMAN	183 NM	✓			0	0
FORSYTHE	140 NM	✓	✓	✓	0	0
FRAMHART	194 NM	✓	✓	✓	0	0
GELA	178 NM	✓	✓	✓	0	0
HARD	178 NM	✓			0	0
HAT TRICK	195 NM	✓			0	1
HOLLAND	183 NM	✓	✓	✓	0	0
JERSEY DEVIL	200 NM	✓	✓	✓	0	5
LAURNBERG MAXTN	201 NM	✓	✓	✓	0	0
LUZON	195 NM	✓	✓	✓	0	1
LUZON REVERSE	195 NM	✓			0	1
MCLEAN	202 NM	✓		✓	0	0
MYITKYINA TREE	173 NM	✓	✓		0	0
NELSON - BEAUFORT	132 NM	✓	✓	✓	0	0
NETHERLANDS	183 NM	✓	✓	✓	0	0
NETHERLANDS ORI	184 NM	✓	✓	✓	0	0
NEUSE RIVER (WATER)	129 NM	✓	✓		1	1
NIJMEGEN	187 NM	✓	✓	✓	0	0
NORMANDY	179 NM	✓	✓	✓	0	0
NORTHFIELD E-W	311 NM	✓	✓	✓	2	1
NORTHFIELD S-N	311 NM	✓	✓	✓	0	0
OLIVE	133 NM	✓	✓	✓	0	0
OPEN GROUNDS	132 NM	✓	✓		0	0
PUDGY	200 NM	✓	✓	✓	0	5
SALERNO	180 NM	✓	✓	✓	0	0
SEAL WATER	19 NM	✓	✓		0	0
SICILY	178 NM	✓	✓	✓	0	0

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SICILY DEMO	178 NM	✓	✓	✓	0	0
STONE BAY WATER	158 NM				0	0
SWAN CREEK	143 NM	✓	✓	✓	0	0
TATER EAST	294 NM	✓		✓	0	0
VOLTURNO	180 NM	✓	✓	✓	0	0
WEST FORK	133 NM	✓	✓		0	0
ZIPGUN-WATER	20 NM	✓	✓		0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

AEGIS	SR-800								
ANDREWS	SR-820								
BLACKSTONE	SR-867								
DOVE - FT PICKETT	SR-867								
HAT TRICK	SR-105								
JERSEY DEVIL	SR-801	SR-805	SR-844	SR-845	SR-846				
LUZON	SR-105								
LUZON REVERSE	SR-105								
NEUSE RIVER (WATER)	IR-062	SR-105							
NORTHFIELD E-W	IR-035	IR-036	SR-166						
PUDGY	SR-801	SR-805	SR-844	SR-845	SR-846				

I.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:

WON JU 73 NM

I.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
DOVE - FT PICKETT	73 NM	✓	✓	✓	0	0
SEAL WATER	19 NM	✓	✓		0	0

I.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM>

CAMP LEJEUNE 153 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.

Ranges (Used by the base)

I.2.D.18 The base uses ranges on a regular basis

I.2.D.19 The mission and training is Not adversely impacted by training area airspace encroachment or other conflicts.

I.2.D.20 MOAs/bombing ranges/other training areas have No scheduling restrictions/limitations.

I.2.D.21 MOAs/bombing ranges/other training areas have No projected scheduling restrictions/limitations.

I.2.D.22 No significant changes/restrictions/limitations effecting the scheduling of low level routes in progress.

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E. Airspace Used by Base

I.2.E.1 Airspaces scheduled or managed by the base:

AR-636	Air Refueling Track / Anc
EVERS MOA	MOA
FARMVILLE MOA	MOA

Details for airspace scheduled or managed by the base:

Airspace: AR-636

I.2.E.2 An environmental analysis has been conducted for this airspace.

I.2.E.2.a Status of the environmental analysis and supplement:

I.2.E.2.b There are problems No associated with the environmental analysis.

**I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) does Not define base operations.
The DOPAA was Not used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:**

I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.

I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:

I.2.E.5 There are No planned expansions (including new airspace) to the base's special use airspace.

I.2.E.6 There are No restrictions currently acting on this airspace

I.2.E.7 Published availability of the airspace:

24 hours per day, seven days a week (8760 hours per year)

Range scheduling statistics (yearly average from 1990 to 93.

Document Separator

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Section IV/V Level Playingfield COBRA Data

One time closure costs: 25\$sM

Twenty year Net Present Value (275)\$sM

Steady state savings 22\$sM per year

Manpower savings associated with closure 383

Return on Investment (years): 2

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Section VI Economic Impact**Economic Area Statistics:****Val Verde County, TX****Total population: 40,000 (FY 92)****Total employment: 16,109 (FY 93)****Unemployment Rates (FY93/3 Year Average/10 Year Average)****10.7% / 11.8% / 14.2%****Average annual job growth: 431****Average annual per capita income: \$11,167****Average annual increase in per capita income: \$5.1%****Projected economic impact:**

Direct Job Loss:	2,459	
Indirect Job Loss:	909	
Closure Impact:	3,368	(20.9% of employment total)
Other BRAC Losses:	0	
Cumulative Impact:	3,368	(20.9% of employment total)

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Section VII

1. Community Infrastructure

Describe the off-base housing situation.

- VII.1.A.1 Off-base housing is affordable
- VII.1.A.2 Units are available for families
- VII.1.A.2 Units are available for single members.
- VII.1.A.3 9.1 Percent of off-base housing was rated as unsuitable in the latest VHA survey
- VII.1.A.4 Median monthly cost of off-base housing based on latest VHA survey: \$611

Describe the transportation systems.

- VII.1.B.1 The base is served by **REGULARLY SCHEDULED**, public transportation. The following services are available:
Painter Bus Lines makes three daily runs from Del Rio to San Antonio, and three return runs. Amtrak makes three weekly stops going east and three weekly stops going west.
- VII.1.B.2 Distance to the nearest municipal airport with scheduled, commercial air traffic: 150 miles
- VII.1.B.2 Airport name: San Antonio International
- VII.1.B.3 Number of commercial air carriers available at the airport: 13
- VII.1.B.4 Average round trip commuting time to work: 38 minutes

Off-base public recreation facilities:

List ONLY THE NEAREST facility for each subcategory.

Facility Subcategory Type	Name of Nearest Facility	Distance to:	Drive Time		
VII.1.C.1 Swimming pool	Moore Park Del Rio, TX	6	Hrs.	10	Min.
VII.1.C.2 Movie theater	Cinema III, Del Rio, TX	10	Hrs.	15	Min.
VII.1.C.3 Public golf course	San Felipe GC, Del Rio, TX	6	Hrs.	10	Min.
VII.1.C.4 Bowling lane	T & J Lanes, Del Rio, TX	8	Hrs.	12	Min.
VII.1.C.5 Boating	Diablo East Marina, Del Rio, TX	22	Hrs.	30	Min.
VII.1.C.6 Fishing	Diablo East Marina, Del Rio, TX	22	Hrs.	30	Min.
VII.1.C.7 Zoo	Brackenridge Park, San Antonio, TX	150	3Hrs.		Min.
VII.1.C.8 Aquarium	Sea World, San Antonio, TX	150	2Hrs.	45	Min.
VII.1.C.9 Family theme park	Alamo Village, Bracketville, TX	39	Hrs.	50	Min.
VII.1.C.10 Professional sports	Alamodome, San Antonio, TX	160	3Hrs.		Min.

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VII.1.C.11	Collegiate sports	UTSA, San Antonio, TX	160	3 Hrs.		Min.
VII.1.C.12	Camping facilities	Diablo East Marina, Del Rio, TX	22	Hrs.	30	Min.
VII.1.C.13	Beaches (lake or ocean)	Corpus Christi, TX	285	5 Hrs.	30	Min.
VII.1.C.14	Outdoor winter sports	The Lodge	476	8 Hrs.	30	Min.

VII.1.D Nearest Shopping facility (two major anchor stores plus smaller retail outlets):

Plaza Del Sol , Del Rio, TX 15 min (11 Miles)

VII.1.E Nearest Metropolitan center (population in excess of 100,000):

San Antonio, TX 2 hrs 45 min (150 Miles)

Local area crime rate:

VII.1.F.1 Violent crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Violent crime is defined as the sum of homicide, rape, robbery, felony assault, and simple assault.) 724

VII.1.F.2 Property crime rate (per 100,000) in the local area: (Note: The most current annual FBI Statistics Report used as the source document. Property crime is defined as the sum of auto theft, burglary, theft, and arson.) 6298

2. Education

VII.2.A The highest maximum allowed pupil to teacher classroom ratio, based on grades K - 12 and using local area ratios: 30 to 1

VII.2.B Local high schools offer a four-year English program.

VII.2.B Local high schools offer a four-year Math program.

VII.2.B Local high schools offer four-year Foreign Language programs.

VII.2.C Local high schools offer an Honors program.

VII.2.D 55.0 percent of high school students go on to either a two- or four-year college

VII.2.E There are opportunities for off-base education within 25 miles of the base.

VII.2.E.1 Opportunities for off-base VOCATIONAL/TECHNICAL TRAINING provided by the following institutions:

Howard School of Nursing, SW Texas Junior College,

VII.2.E.2 Opportunities for off-base UNDERGRADUATE COLLEGE provided by the following institutions:

Sul Ross State Univ, Southwest Texas Junior College

VII.2.E.3 Opportunities for off-base GRADUATE COLLEGE provided by the following institutions:

Sul Ross State University

3. Spousal Employment

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- VII.3.A 49.0 percent of spouses are able to find employment (within 3 months) in the local community.
- VII.3.B 57.0 percent of spouses find employment commensurate with job skills, work experience, and education.
- VII.3.C 10.7 percent unemployment in the local area (Department of Labor Statistics)
- VII.3.D 9.8 percentage rate of job growth in the local area (Department of Labor Stastics)

4. Local Medical Care

- VII.4.A Current ratio of active, non-federal physicians in the community: 0.4 physicians/1000 people
- VII.4.B Current ratio of hospital beds in the community: 1.6 beds/1000 people

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Section VIII**1. Air Quality - Clean Air Act**

VIII.1.A Air Quality Management District for the base: San Antonio Intrastate Air Quality Control Region

VIII.1.B The base is NOT located within a maintenance or non-attainment area for pollutants.

VIII.1.C There are NO critical air quality regions within 100 kilometers of the base
(Critical air quality regions are non-attainment areas, national parks, etc.)

VIII.1.D On- or off-base activities have NOT been restricted or delayed due to air quality considerations.

(Restrictions or delays may be imposed by a Metropolitan Planning Organization or similar organization and include restrictions to construction permits, restrictions to industrial facilities operating hours, High Occupancy Vehicle (HOV) rush hour procedures, etc.)

VIII.1.D.1 The base has NOT been required to impliment emissions reduction through special actions
(i.e. carpooling or emissions credit transfer)

VIII.1.E Restrictions placed on operations by state or local air quality regulatory agencies:

VIII.E.1 Aerospace Ground Equipment (AGE):

- E.1.a** The state or local air quality regulatory agency Regulates or conditionally exempts the operation of portable internal combustion engine equipment, to include AGE.
- E.1.b** No state or local air quality regulatory agency Requires permits for such units.
- E.1.c** No state or local air quality regulatory agency Requires the base to modify the hours of operation of the AGE.
- E.1.d** No state or local air quality regulatory agency Requires retrofit controls for AGE.

VIII.E.2 Infrastructure Maintenance / Public Works

- E.2.a** No state or local air quality regulatory agency Regulates or conditionnaly exempts small activities or engines used for infrastructure maintenance (i.e., sewer cleaning, wood chipping, road repair, etc.).
- E.2.b** No state or local air quality regulatory agency Limits the hours of these activities.
- E.2.c** No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of equipment used to support these activities.
- E.2.d** No state or local air quality regulatory agency Requires emission offsets for these activities.

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VIII.E.3 Open Burn/Open Detonation

- E.3.a No state or local air quality regulatory agency Prohibits open burn / open detonation (OB/OD) or training
- E.3.b The state or local air quality regulatory agency Regulates or conditionally exempts OB/OD operations or training.
- E.3.c No state or local air quality regulatory agency Limits the number of detonations to keep an exemption.
- E.3.d No state or local air quality regulatory agency Requires periodic emission testing.

VIII.E.4 Fire Training

- E.4.a No state or local air quality regulatory agency Specifies requirements which exceed the fire training and/or controlled burn requirements for local public fire agencies where fire training activities that produce smoke are regulated or conditionally exempted.
- E.4.b No state or local air quality regulatory agency Prohibits fire training activities that produce smoke.

VIII.E.5 Signal Flares

- E.5 No state or local air quality regulatory agency Prohibits the use of signal flares for search and rescue training or operations.

VIII.E.6 Emergency Generators

- E.6.a The state or local air quality regulatory agency Regulates or conditionally exempts emergency operation of generators or engines.
- E.6.b The state or local air quality regulatory agency Limits the hours of emergency operation of generators.
- E.6.c No state or local air quality regulatory agency Requires periodic fuel analysis or emission testing of emergent generators.
- E.6.d The state or local air quality regulatory agency Requires an air quality operating permit if the emergency operation of the generators exceeds an exemption threshold.

- E.6.d No state or local air quality regulatory agency Requires emission offsets.

VIII.E.7 Short-term Activities

- E.7.a No state or local air quality regulatory agency Regulates or conditionally exempts short-term (12 months or less) activities (i.e., air shows, exercises, construction, or emergency actions).
- E.7.b No state or local air quality regulatory agency Limits the operation for short-term activities.
- E.7.c No state or local air quality regulatory agency Requires periodic fuel analysis, emission testing, or emission offsets.
- E.7.d No state or local air quality regulatory agency Prohibits any short-term activities.

VIII.E.8 Monitoring

- E.8 No state or local air quality regulatory agency Has continuous emissions monitoring requirements for sources at the base which exceed the Federal New Source Performance Standards requirements.

VIII.E.9 BACT/LAER

- E.9 No state or local air quality regulatory agency Has BACT/LAER emissions thresholds (excluding lead) that exceed the Federal Clean Air Act requirements.

2. Water - Potable

- VIII.2.A The base potable water supply is Local Community and the source is:

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Spring/aquifer

VIII.2.B There are no constraints to the base water supply.

VIII.2.C The base potable water supply does not constrain operations

(Contaminants or lack of water supply may restrict construction activities or operations through: facility siting options, well usage, construction, etc.)

3. Water - Ground Water

VIII.3.A Base or local community groundwater is contaminated.

VIII.3.A.1 Nature of contamination. Natural Sulfur, leaking underground storage tanks

VIII.3.A.2 The contaminated groundwater is Not a potable water source.

VIII.3.B The base is actively involved in groundwater remediation activities.

VIII.3.C No water wells exist on the base.

VIII.3.D 4 wells have been abandoned for the following reasons:

High sulfur and low water level

4. Water - Surface Water

VIII.4.A The following perennial bodies of water are located on base.

Location	Surface area size
Marsh Area--Southeast corner	1.50 Acres
Old Borrow Pit--Northwest corner	1.50 Acres
Sewage Lagoons--Southside	13.00 Acres

VIII.4.A.2 These bodies receive water runoff or treated wastewater discharge from the base.

VIII.4.A.3 The base is Not located within a specified drainage basin.

VIII.4.B Special permits are required as follows:

Section 404 Permits

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(Special permits may required to conduct training/operations, or for construction projects on or near bodies of water)

VIII.4.C There is No known contamination to the base or local community surface water

5. Wastewater

VIII.5.A Base wastewater is treated by On-Base facilities.

VIII.5.B The following 1 wastewater treatment facilities (industrial/domestic) are located on-base:

Base water treatment facility

VIII.5.C There are No discharge violations or outstanding open enforcement actions pending.

6. Discharge Points / Impoundments

VIII.6.A Describe the National Pollutant Elimination System permits in effect:

Waste water treatment permit and four storm water notices of intent

VIII.6.B The base currently discharges treated wastewater OFF-Base. Description of treated wastewater discharge location:

Into a ditch on base that immediately runs off base.

VIII.6.C The base has discharge impoundments.

VIII.6.C.1 There are 2 water/wastewater treatment impoundments.

VIII.6.C.2 There are No industrial wastewater treatment impoundments.

VIII.6.D There are no discharge violations or outstanding discharge open enforcement actions pending.

7. HAZARDOUS MATERIALS - Asbestos

VIII.7.A 100.0 percent of facilities have been surveyed for asbestos.

VIII.7.A.1 95.0 percent of the facilities surveyed are identified as having asbestos.

VIII.7.A.2 0 facilities are considered regulated areas or have restricted use due to friable asbestos.

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8. Biological - Habitat

- VIII.8.A** There are No ecological or wildlife management areas ON the base. There are No ecological or wildlife management areas ADJACENT TO the base.
- VIII.8.A.1** Natural areas on or adjacent to the base are not recognized as important ecological sites.
- VIII.8.B** No critical/sensitive habitats have been identified on base.
- VIII.8.C** The base has a cooperative agreement for conducting a hunting and fishing program. Cooperative agreements are between the base with the U.S. Fish and Wildlife Service and the State Fish and Game Department.

9. Biological - Threatened and Endangered Species

- VIII.9.A** Threatened and/or endangered species identified on the base:
- | Species | Kingdom | Animal State | Listed | Threatened | Remarks |
|---|---------------------------------------|---------------------------------|-------------------------------------|------------|--|
| <input type="checkbox"/> Texas Horned Toad | <input type="checkbox"/> Animal State | <input type="checkbox"/> Listed | <input type="checkbox"/> Threatened | | Two year threatened and endangered species survey is currently underway at Laughlin. |
| <input type="checkbox"/> Texas Indigo Snake | <input type="checkbox"/> Animal State | <input type="checkbox"/> Listed | <input type="checkbox"/> Threatened | | Two year threatened and endangered species survey is currently underway at Laughlin. |
- VIII.9.B** There are No Special Concern species identified on the base.
- VIII.9.C** The presence of these species does Not constrain current or future construction activities or operations.

10. Biological - Wetlands

- VIII.10.A** Wetlands, estuaries, or other special aquatic features present on the base:
- VIII.10.A.1** Identification and type of wetland: Approximate acreage:
- Wetlands 50
- VIII.10.A.2** The base is Not involved in jointly-managed programs for protection of these resources.
- VIII.10.B** The base has been surveyed for wetlands in accordance with established federally approved guidelines.
- VIII.10.B.1** Survey was completed in Aug 88
- VIII.10.B.2** 100 percent of the base was included in the survey.

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VIII.10.B.3 Method used to survey the base (e.g., Corps of Engineers Delineation Manual, U.S. Fish and Wildlife Service National Wetlands Inventory):

US Fish and Wildlife Service National Wetlands Inventory and USDA Soil Conservation Service

VIII.10.C Part of the base is located in a 100-year floodplain.

VIII.10.D The presence of these resources does Not constrain current or future construction activities or operations.

11. Biological - Floodplains

VIII.11.A Floodplains are present on the base.

VIII.11.A.1 Floodplains do Not constrain construction (siting) activities or operations.

VIII.11.A.2 Periodic flooding does Not constrain base operations.

12. Cultural

VIII.12.A Historic, prehistoric, archaeological sites or other cultural resources located on the base:

VIII.12.A.1 Sites:

Significant status:

Prehistoric Archeologic Sites

Unkown, currently under study

VIII.12.B 1 percent of the buildings on base are over 50 years old.

VIII.12.C No Historic Landmark/Districts, or NRHP properties are located on base.

VIII.12.C.1 No properties have been determined to be or may be eligible for the NRHP.

VIII.12.C.2 Buildings and structures have not been surveyed for Cold War or other historical significance.

VIII.12.D The base has been archeologically surveyed.

VIII.12.D.1 100 percent of the base has been surveyed.

VIII.12.D.2 Archeological sites have been found.

VIII.12.D.3 Archeological collections are housed on base.

VIII.12.D.4 No Native Americans or others use/identified sacred areas or burial sites on or near base.

VIII.12.E The base has no agreements with historic preservation agencies.

Agreements include Programmatic Agreements and Memorandum of Agreements.

Historical preservation agencies include State Historical Preservation Officer or the Advisory Council on Historic Preservation.

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13. Environmental Cleanup - Installation Restoration Program (IRP) and Comprehensive Environmental Response, Compensation, and Liability Act (CERCLA)

VIII.13.A A preliminary assessment of the installation has been performed.

VIII.13.A.1 13 IRP sites have been identified

VIII.13.A.2 No IRP sites extend off base.

VIII.13.A.3 All on-site remediation is estimated to be in place in 2001

VIII.13.B The installation is Not a National Priority List (NPL) site nor proposed as an NPL site.

VIII.13.C There are no existing Federal Agency Agreements to clean up the base.

Federal Facility Agreements include Interagency Agreements, Administrative Orders of Consent, and other agreements.

VIII.13.D There reported or known uncontrolled or unregulated occurrences of specific contaminate types and sources.

Contaminate types and sources include landfills, medical wastes, radioactive wastes, etc.

VIII.13.E There are sites or SWMUs currently being investigated and remediated pursuant to RCRA corrective action.

SWMU - Solid Waste Management Units

RCRA - Resource Conservation and Recovery Act

VIII.13.E.1 5 sites are being investigated and remediated.

VIII.13.F The IRP does Not currently restrict construction (siting) activities/operations on-base.

14. Compliance / IRP Costs (\$000)

VIII.14.A Expenditure Category	Current FY	FY + 1	FY + 2	FY + 3	FY + 4
Hazardous Waste Disposal/Remediation	\$100.000 K				
IRP	\$64.000 K	\$264.000 K			
Natural Resources					
Other(s) Specify:250K Title V Air Operating Permit					
Other(s) Specify:50K Standard Exemption Paint Booth					
Other(s) Specify:Air Emmissions Fees		\$9.900 K	\$9.900 K	\$9.900 K	\$9.900 K
Other(s) Specify:Air Standard Exemp Fee	\$20.000 K				
Permits	\$50.000 K	\$250.000 K			

15. Other Issues

VIII.15.A Description of other activities which may constrain or enhance base operations:

LOCAL: Strong local government support for Laughlin AFB.

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16. Air Quality - Clean Air Act

- VIII.16.A Air Quality Control Area (AQCA) geographic region in which the base is located:**
Val Verde County, Region 13
- VIII.16.B Air quality regulatory agency responsible for the AQCA:.** Texas Natural Resources Conservation commission
- VIII.16.B Name and phone number of the AQCA program manager for issues pertaining to the base:**
Carla Smith 512-239-1493

The EPA has designated the AQCA (or the specific portion of the AQCA containing the base) to be:

- | | |
|--|--|
| VIII.16.C.1 In Attainment for Ozone | VIII.16.C.2 In Attainment for Carbon Monoxide |
| VIII.16.C.3 In Attainment for Particulate matter (PM-10) | VIII.16.C.4 In Attainment for Sulfur Dioxide |
| VIII.16.C.5 In Attainment for Nitrogen Dioxide (Not NOx) | VIII.16.C.6 In Attainment for Lead |
| VIII.16.C.7 The EPA has Not proposed that any AQCA pollutant in ATTAINMENT be listed as NONATTAINMENT | |

- VIII.16.D.1** Ozone daily maximum hourly design value for the portion of the AQCA in which the base is located:
- VIII.16.D.2** Carbon monoxide 8 hour design value for the portion of the AQCA in which the base is located:
- VIII.16.D.3** Ozone % of NAAQS can not be computed
- VIII.16.D.4** Carbon monoxide % of NAAQS can not be computed

Air Quality Survey complete, No additional data required.

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II.6.F.3 AICUZ recommended development limits for Accident Potential Zone 2.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	

II.6.F.4 AICUZ recommended development limits between the 65 Ldn and 70 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	

II.6.F.5 AICUZ recommended development limits between the 70 Ldn and 75 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	

II.6.F.6 AICUZ recommended development limits between the 75 Ldn and 80 Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	

II.6.F.7 AICUZ recommended development limits between the 80 Ldn and above Ldn Noise Contours.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	

II.6.G Assessment of significant development (i.e., residential subdivision, shopping mall, or center, industrial park, etc.) existing or anticipated within any of the 7 AICUZ zones.

No significant development currently exists in any AICUZ zone.

No significant development is projected for any AICUZ zone.

No long range (20 year) development trends in the 7 AICUZ zones are evident.

II.6.H Population figures and projections:

II.6.H.3 County (ies) encompassing the installation.

Community Name	1960 Pop	1970 Pop	1980 Pop	1990 Pop	2000 Pop

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Del Rio, Texas	24461	21330	30034	40900	44441
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- II.6.I** All clear zone acquisition has been completed.
- II.6.J** All existing on base facilities are sited in accordance with AICUZ recommendations.
- All planned on base facilities will be sited in accordance with AICUZ recommendations.

Air Space Encroachment

- II.6.K** No noise complaints are received from off base residents.
- II.6.L** The base has not implemented noise abatement procedures.

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Section III

1. Contingency and Deployment Requirements

Full mobilization, 24 hour capability assumed.

III.1.A.1 1 C-141 equivalent aircraft can be loaded or unloaded at one time.

Based on existing load crews, marshalling yards, build up areas, concurrent servicing, and material handling equipment (MHE). Assumes a 13-pallet load, a 2 hr, 15 min ground time.

III.1.A.1.a The limiting factor is Load Crews

III.1.A.1.b Current MHE: One 10K forklift, Three 4K forklifts, and 12 tugs

III.1.A.2 4 C-141 equivalent aircraft can be refueled at one time.

Based on a 100,000 lb (15,625 gal) fuel load for each aircraft, use of existing personnel, equipment, and facilities. Assumes 2 hr, 15 min ground time.

III.1.B The base can land, taxi, park, and refuel widebody aircraft as follows:

Aircraft	Widebody Capabilities:			Remarks:
	Can land	Can taxi	Can park	
747	Can land	Can taxi	Can park	Can refuel 445,000 lbs
C-5	Can land	Can taxi	Can park	Can refuel 434,000 lbs
KC-10	Can land	Can taxi	Can park	Can refuel 334,000 lbs

III.1.C The base does Not have an operational fuel hydrant system.

III.1.D The base bulk storage facility is Not serviced by a pipeline.

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III.1.D.3 113 BBL'S for all grades of fuel. Jet fuel tank A-2 is currently in use, its capacity is 10,000 BBL'S. It 'll be out of service when JP-8 conversion is complete, est May 94. This Tank is not listed on the FLAS as usable space, it could be used.

Based on normal requirements in the Fuel Logistics Area Summary (FLAS) or Inventory Management Plan (IMP). Storage for others is excluded.

III.1.D.4 Other receipt modes available: Tank trucks
 Number of offload headers: 17
 6 tank trucks can be simultaneously offloaded
 Tank cars can Not be offloaded.

III.1.D.5 4 refueling unit fillstands are available.

III.1.D.5.a 4 refuelers can be filled simultaneously.

III.1.D.6 Current dispensing capabilities as defined in AFR 144-1 sustained: 302000
 maximum: 640000

III.1.D.7 The base is directly supported by an intermediate Defense Fuels Supply Point (DFSP).

III.1.D.7.a Supporting DFSP: DFSP Elemendorf, C/O ST. Service, Route 1, Box 99, San Antonio, TX, 78211

III.1.E Cat 1.1 and 1.2 munitions storage requirements and capacity.

III.1.E.1 Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:
 Square footage available (including physical capacity limit):

	Cat 1.1	Cat 1.2
Maximum NET EXPLOSIVE WEIGHT (NEW) storage capacity:	100	50
Square footage available (including physical capacity limit):	432	432
Normal installation mission storage requirement:	70	0

III.1.E.2 Normal installation mission storage requirement:

III.1.F The base has a dedicated hot cargo pad.

III.1.F.1 Hot cargo pad access limitations:

Area has questionable load bearing capacity and aircraft must be towed to-from the area.

III.1.F.2 The size of the hot cargo pad is 375,000 sq feet.

III.1.F.3 The sited explosive capacity of the hot cargo pad is 30,000

III.1.F.4 The hot pad access is taxi-on/taxi-off.

III.1.F.5 The taxiway servicing the hot pad is 150 ft wide and has a pavement classification number (PCN) of 23.

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III.1.F.6 Aircraft using pad over the last 5 years:

One F-16 with hydrazine leak

III.1.G Proximity (within 150 NM) to mobilization elements.

III.1.G.1 The base is proximate to a ground force installation.

Active ground force installations within 150 NM:

FORT SAM HOUSTON

126 NM

III.1.G.2 The base is proximate to a railhead.

Railheads within 150 NM:

Camp Stanley

118 NM

III.1.G.3 The base is over 150 NM from a port.

III.1.H The base does Not have a dedicated passenger terminal.

III.1.I The base does not have a dedicated deployment facility capable of handling DoD standardized cargo pallets.

III.1.J The base medical treatment facility does Not routinely receive referral patients.

III.1.K No military medical facility in the catchment area (40 mile radius) have been designated for closure or realignment.

III.1.L Unique missions performed by the base medical facility:

Aerospace Physiological Unit

Unique medical missions include aeromedical staging facilities, environmental health laboratories, area dental laboratories, physiological training units, wartime taskings,

III.1.M Base medical facilities have No facilities projects planned to begin before to 1999.

Facilities projects include military construction program (MCP) or Operations and Maintenance (O&M) alterations.

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- III.1.N Base facilities have a total excess storage capacity of 9,113 sq ft.
- III.1.N.1 Base facilities have a total covered storage capacity of 95,058 sq ft.
- III.1.N.2 Breakout of the total covered storage capacity:
 - Supply (warehousing, Individual Equipment Unit, Tool Issue, Base Service Store) 95,958 sq ft
 - Mobility storage: 0 sq ft
 - War Readiness Support Kits (WRSK) storage: 0 sq ft
- III.1.O 107 light military vehicles are on base.
- III.1.P 136 heavy military and special vehicles are on base.

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Section IV

1. Base Budget

IV.1 Non-payroll portion of the base budget for prior years:

IV.1.A xxx56		Environmental Compliance		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable				
	3400	593.30 \$sK	0.00 \$sK	593.30 \$sK			
FY-92	Appropriation	Direct	Reimbursable				
	3400	518.30 \$sK	18.20 \$sK		536.50 \$sK		
FY-93	Appropriation	Direct	Reimbursable				
	3400	535.30 \$sK	8.10 \$sK			543.40 \$sK	
FY-94	Appropriation	Direct	Reimbursable				
	3400	236.00 \$sK	8.10 \$sK				244.10 \$sK
xxx56 TOTALS:				593.30 \$sK	536.50 \$sK	543.40 \$sK	244.10 \$sK
IV.1.B xxx76		Real Property Maintenance A		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable				
	3400	11,517.40 \$sK	423.90 \$sK	11,941.30 \$sK			
FY-92	Appropriation	Direct	Reimbursable				
	3400	7,394.20 \$sK	641.10 \$sK		8,035.30 \$sK		
FY-93	Appropriation	Direct	Reimbursable				
	3400	-208.60 \$sK	219.20 \$sK			10.60 \$sK	
FY-94	Appropriation	Direct	Reimbursable				
	3400	-208.60 \$sK	219.20 \$sK				10.60 \$sK
xxx76 TOTALS:				11,941.30 \$sK	8,035.30 \$sK	10.60 \$sK	10.60 \$sK
IV.1.C xxx78		Real Property Maintenance S		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-93	Appropriation	Direct	Reimbursable				
	3400	6,442.50 \$sK	435.20 \$sK			6,877.70 \$sK	
FY-94	Appropriation	Direct	Reimbursable				
	3400	2,770.00 \$sK	435.20 \$sK				3,205.20 \$sK
xxx78 TOTALS:						6,877.70 \$sK	3,205.20 \$sK
IV.1.D xxx90		Audio Visual		FY 91 Total	FY 92 Total	FY 93 Total	FY 94 Total
FY-91	Appropriation	Direct	Reimbursable				
	3400	15.30 \$sK	0.00 \$sK	15.30 \$sK			
FY-92	Appropriation	Direct	Reimbursable				
	3400	10.80 \$sK	0.00 \$sK		10.80 \$sK		
FY-93	Appropriation	Direct	Reimbursable				

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IV.2

-Large, unusual items integral to the unit mission, but which cannot be moved as regular freight:

Total relocation costs: \$ 2,300.29 K

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II.1.B.1.t	422	Ammunition Storage Installation & Ready Use	SF	N/A	1,554	0.0	100.0	0.0	N/A
II.1.B.1.t.i	422-253	Multi-Cubicle Magazine Storage	SF	0	0		0.0	0.0	0
II.1.B.1.t.ii	422-258	Above Ground Magazine	SF	714	714	0.0	100.0	0.0	0
II.1.B.1.t.iii	422-264	Igloo Magazine	SF	0	0		0.0	0.0	0
II.1.B.1.t.iv	422-265	Spare Inert Storage (Alternate Mission Equipmen	SF	0	0		0.0	0.0	0
II.1.B.1.t.v	422-275	Ancillary Explosives Facility (Holding Pad)	SF	0	0		0.0	0.0	0
II.1.B.1.u	441	Storage-Covered Depot & Arsenal	SF	N/A	9,200	65.0	35.0	0.0	N/A
II.1.B.1.v	442	Storage-Covered-Installation & Organ	SF	N/A	124,815	88.0	3.0	9.0	N/A
II.1.B.1.v.i	442-257a	Hydrazine Storage	SF	7,932	6,664	81.0	19.0	0.0	0
II.1.B.1.v.ii	442-258	LOX Storage	GA	10,000	10,000	100.0	0.0	0.0	0
II.1.B.1.v.iii	442-758	Base Warehousing Supplies and Equipment	SF	91,260	95,058	97.0	3.0	0.0	3,798
II.1.B.1.v.iv	442-758a	Base Warehousing Supplies and Equipment (W	SF	0	0		0.0	0.0	0
II.1.B.1.v.v	442-758b	Warehousing Supplies and Equipment (AGS Par	SF	0	0		0.0	0.0	0
II.1.B.1.w	510	Medical Center and/or Hospital	SF	N/A	68,964	2.0	97.0	1.0	N/A
II.1.B.1.x	530	Medical Laboratories	SF	N/A	3,799	0.0	86.0	14.0	N/A
II.1.B.1.y	540	Dental Clinics	SF	N/A	5,815	0.0	100.0	0.0	N/A
II.1.B.1.z	550	Dispensaries and/or Clinics	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.aa	610	Administrative Buildings	SF	N/A	134,821	43.0	44.0	13.0	N/A
II.1.B.1.aa.i	610-144	Munitions Maintenance Administration	SF	0	0		0.0	0.0	0
II.1.B.1.aa.ii	610-144a	Munitions Line Delivery/Storage Section	SF	0	0		0.0	0.0	0
II.1.B.1.bb	721	Unaccompanied Enlisted (UEPH & VAQ)	PN	N/A	400	93.0	7.0	0.0	N/A
II.1.B.1.bb.i	721-312	Unaccompanied Enlisted Dorm	PN	202	372	100.0	0.0	0.0	170
II.1.B.1.cc	722	Dining Hall	SF	N/A	7,248	0.0	100.0	0.0	N/A
II.1.B.1.cc.i	722-351	Airman Dining Hall	SF	6,500	7,248	0.0	100.0	0.0	748
II.1.B.1.dd	724	Unaccompanied Officer Housing (OQ & VOQ)	PN	N/A	222	90.0	10.0	0.0	N/A
II.1.B.1.ee	730	Personnel Support and Services Facilities	SF	N/A	44,683	36.0	45.0	19.0	N/A
II.1.B.1.ff	740	Morale, Welfare, and Rec (MWR)-Interior	SF	N/A	215,537	15.0	77.0	8.0	N/A
II.1.B.1.gg	852-273	Act Support Equipment Storage	SY	0	0		0.0	0.0	0

Notes for specific Cat Codes:

II.1.B.1.e.i 211-111 45,000 SF T-1A hangar will be constructed by Apr 95

II.1.B.2 From in-house survey:

Facility Category Code	Category Description	Units of Measure	Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3
II.1.B.1.a	111 Aircraft Pavement-Runway(s)	SY	492,233	64.0	36.0	0.0

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II.1.B.1.b	112	Airfield Pavements-Taxiways	SY	215,934	83.0	17.0	0.0
II.1.B.1.c	113	Airfield Pavement-Apron(s)	SY	272,336	10.0	90.0	0.0
II.1.B.1.d	116-662	Dangerous Cargo Pad	SY	45,000	0.0	100.0	0.0
II.1.B.1.e	812	Elec Power-Trans & Distr Lines	LF	428,108	75.0	25.0	0.0
II.1.B.1.f	822	Heat-Trans & Distr Lines	LF		0.0	0.0	100.0
II.1.B.1.g	832	Sewage and Indust Waste Collection (Mains)	LF	122,796	58.0	42.0	0.0
II.1.B.1.h	842	Water-Distr Sys-Potable	LF	384,004	40.0	60.0	0.0
II.1.B.1.i	843	Water-Fire Protection (Mains)	LF	3,557	100.0	0.0	0.0
II.1.B.1.j	851	Roads	SY	810,699	80.0	20.0	0.0
II.1.B.1.k	852	VeH/Equip Parking	SY	147,114	45.0	55.0	0.0

C. Family Housing (Facility Category Code 711)

II.1.C.1 Capacity (housing Inventory)

II.1.C.1.a Number of adequate units from current DD Form 1410, line 18d:

600

II.1.C.1.b Number of substandard units from current DD Form 1410, line 18e:

0

II.1.C.1.c Current deficit (-) or surplus units in validated Market Analysis:

-137

(includes E-1 - E3 requirements)

II.1.C.1.c.i A Market Analysis was used to answer the questions in Section II.1.C.

II.1.C.1.d FY95/4 projected net housing deficit (-) or surplus of units:

-28

(includes officers and enlisted extrapolated to FY95 if necessary, uses validated market analysis corrected to include realignment actions)

II.1.C.2 Condition

II.1.C.2.a Number of adequate units meeting current whole-house standards of accommodation and state of repair:

322

(includes projects programmed through FY95/4. Units meeting whole-house standards are those that were programmed after FY88)

II.1.C.2.a Number of adequate units requiring whole-house renovation or replacement:

278

(Units meeting whole-house standards are those that were programmed/ renovated after FY88).

II.1.C.2.a Number of new housing units projected to meet current deficit.

0

II.1.C.3 Percentage of military families living on base as compared to the total number of families (officer and enlisted) assigned to the base

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- II.1.C.3.a 56.0 percent of officer families live on base.
 II.1.C.3.b 63.0 percent of enlisted families live on base.
 II.1.C.3.a 60.0 percent of all military families live on base.

2. Airfield Characteristics

II.2 Runway Table:

Primary Designation		Dimensions:		Cross Runway	Aircraft Arresting Systems (II.2.I)	
		Length	Width		Number	Types
13L	Secondary	8310 ft	150 ft	No	2	MA1A
13R	Secondary	6246 ft	150 ft	No	None	
13C	Primary	8858 ft	150 ft	No	2	61QSIIM

- II.2.A There are 3 active runways.
 II.2.A.1 There are NO cross runways
 II.2.B There are 2 parallel runways (excluding main runway).
 II.2.C Dimensions of the primary runway (13C).
 II.2.C.1 Length: 8,858 ft
 II.2.C.2 Width: 150 ft
 II.2.D Dimensions of all secondary runways are in the runway table.
 II.2.E The primary taxiway is 75 ft wide.
 II.2.F Determination if PRIMARY PAVEMENTS can support aircraft operations based on latest Air Force Civil Engineering Support Agency (AFCESA) Pavement Evaluation Report or the procedures in AFM 88-24 (Airfield Flexible Pavement Evaluation).

An AFCESA Pavement Evaluation Report was used to complete this section.

				Primary Pavements			
Aircraft Group		Criteria		Runways	Taxiways	Aprons	
II.2.F.1	Fighter	F-15	61 Kips	300,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.2	Fighter	F-16C/D	37 Kips	300,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.3	Bomber	B-52	450 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.4	Bomber	B-1B	450 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.5	Tanker	KC-135R	320 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.6	Tanker	KC-10	550 Kips	15,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.7	Airlift	C-5B	800 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed
II.2.F.8	Airlift	C-141	325 Kips	50,000 Passes	Upgrade Needed	Upgrade Needed	Upgrade Needed

- II.2.F.9 Work required to upgrade pavement to the required strength:

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		(9.a) Unit of Measure	(9.b) Quantity	(9.c) Description of Work
Pavement:	Aircraft:			
Runway	B-1B	SY	147,000	Due to variable pavement strengths this runway would have to be reconstructed. Another 7" of base course with an added 9" asphalt overlay.
Aprons	B-1B	SY	280,000	Deficient sections would need to be replaced with a new 36" section. Providing base course work would reduce this section.
Taxiway	B-1B	SY	45,000	Deficient sections would need to be replaced with a new 21" section. Providing base course work would reduce this section.
Aprons	B-52	SY	280,000	Deficient sections would need to be replaced with a new 35" section. Providing base course work would reduce this section.
Runway	B-52	SY	147,000	Due to variable pavement strengths, this runway would have to be reconstructed. Another 6" of base course would have to be added with an asphalt overlay.
Taxiway	B-52	SY	45,000	Deficient sections would need to be replaced with a new 21" section. Providing base course work would reduce this section.
Taxiway	C-141	SY	45,000	Deficient sections would need to be replaced with a new 17" section. Providing base course work would reduce this section.
Aprons	C-141	SY	280,000	Deficient sections would need to be replaced with a new 30" section. Providing base course work would reduce this section.
Runway	C-141	SY	147,000	Due to variable pavement strengths, this runway would have to be reconstructed. Another 10" of base course would have to be added with an asphalt overlay.
Taxiway	C-5B	SY	45,000	Deficient sections would need to be replaced with a new 16" section. Providing base course work would reduce this section.
Runway	C-5B	SY	147,000	Due to variable pavement strengths, this runway would have to be reconstructed. Another 6" of base course would have to be added with an asphalt overlay.
Aprons	C-5B	SY	280,000	Deficient sections would need to be replaced with a new 32" section. Providing base course work would reduce this section.
Runway	F-15	SY	147,000	Due to variable pavement strengths, this runway would have to be overlaid or have deficient sections rebuilt. The overlay thickness would be 9" asphalt.
Aprons	F-15	SY	280,000	Deficient sections would need to be replaced with a new 14" PCC section. Providing base course work would reduce this section.
Taxiway	F-15	SY	45,000	Deficient sections would need to be replaced with a new 12" PCC section. Providing base course work would reduce this section.
Runway	F-16C/D	SY	147,000	Due to variable pavement strengths, this runway would have to be overlaid or have deficient sections rebuilt. The overlay thickness would be 5".

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Aprons	F-16C/D	SY	280,000	Deficient sections would need to be replaced with a new 11" PCC section. Providing base course work would reduce this section.
Taxiway	F-16C/D	SY	45,000	Deficient sections would need to be replaced with a new 9" PCC section. Providing base course work would reduce this section.
Runway	KC-10	SY	147,000	Due to variable pavement strengths, this runway would have to be overlaid or have deficient sections rebuilt. The overlay thickness would be 9".
Taxiway	KC-10	SY	45,000	Deficient sections would need to be replaced with a new 13" section. Providing base course work would reduce this section.
Aprons	KC-10	SY	280,000	Deficient sections would need to be replaced with a new 25" section. Providing base course work would reduce this section.
Runway	KC-135R	SY	147,000	Due to variable pavement strengths, this runway would have to be reconstructed. Another 5" of base course would have to be added with an asphalt overlay.
Aprons	KC-135R	SY	280,000	Deficient sections would need to be replaced with a new 30" section. Providing base course work would reduce this section.
Taxiway	KC-135R	SY	45,000	Deficient sections would need to be replaced with a new 15" section. Providing base course work would reduce this section.

II.2.G Excess aircraft parking capacity for operational use.

II.2.G.1 The total usable apron space for aircraft parking is 286,222 Sq Yds.

II.2.G.1.a Specifications for individual parking areas (irregularly shaped areas are approximated by rectangle).

Parking area name:	Dimensions (Equivalent Rectangle)		CURRENT USE DATA. (Type of Aircraft and which of the permanently assigned aircraft use the area.)	
	T-1	740 ft	481 ft	Primary Aircraft
T-37	1,515 ft	481 ft	Primary Aircraft	T-37s
T-38	1,184 ft	482 ft	Primary Aircraft	T-38s
TA	847 ft	481 ft	Transient Aircraft	Transient aircraft

II.2.G.2 Permanently assigned aircraft currently require 202,175 Sq Yds of parking space.

II.2.G.3 84,047 Sq Yds of parking space is available for parking additional non-transient aircraft.

II.2.G.4 The following factors limit aircraft parking capability:

We do not have any other parking limitations that are not related to pavement strength/condition or airfield safety.

II.2.H The dimensions of the (largest) transient parking area:

II.2.I Details of operational aircraft arresting systems on each runway are in the Runway Table (II.2)

II.2.J Critical features relative to the airfield pavement system that limit its capacity:

Laughlin does support limited wide body aircraft operations on a prior permission required basis. Review of the base airfield waiver shows no restrictions to airfield operations.

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3. Utility Systems

II.3.A The overall system capacity and percent current usage for utility system categories:

Utility System	Capacity	Unit of Measure	Percent Usage
II.3.A.1 Water:	2.4 MG/D	MG/D - million gallons per day	82 %
II.3.A.2 Sewage:	1.0 MG/D		45 %
II.3.A.3 Electrical distribution:	15.9 MW	MW - million watts	56 %
II.3.A.4 Natural Gas:	4.00 MCF/D	MCF/D - million cubic feet per day	30 %
II.3.A.5 High temperature water/steam generation/distribution:		- MBTUH - million British thermal units per hour	

II.3.B Characteristics regarding the utility system that should be considered:

Aux Field electrical service is under a connection charge clause with a \$20,353 credit balance. Water mains have no cathode protection--steel storage reservoir has impressed current system. Cathodic protection on gas lines.

4. Aircraft Maintenance Hangar Facilities

Specifications for general maintenance hangars and nose docks, excluding Depot and Test & Evaluation facilities.

II.4.A.1 Facility number: 50 Hanger

Current Use: Hangar

II.4.A.2 Size (SF): 53,550 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	172 ft	26 ft	
II.4.A.6 Largest unobstructed space inside the facility:	172 ft	26 ft	225 ft

II.4.A.1 Facility number: 210 Hanger

Current Use: Hangar

II.4.A.2 Size (SF): 44,888 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:	Width	Height	Length
II.4.A.5 Door Opening:	160 ft	27 ft	
II.4.A.6 Largest unobstructed space inside the facility:	160 ft	27 ft	181 ft

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II.4.A.1 Facility number: 414 Hanger
Current Use: Hangar

II.4.A.2 Size (SF): 49,028 SF

II.4.A.3-4 Largest aircraft the hanger/ nose dock can COMPLETELY enclose: F-111

DIMENSIONS:		Width	Height	Length
II.4.A.5	Door Opening:	160 ft	27 ft	
II.4.A.6	Largest unobstructed space inside the facility:	160 ft	27 ft	172 ft

5. Unique Facilities

II.5.A There are No unique (one-of-a-kind) Air Force facilities which must be replaced if the base is closed.

6. Air Installation Compatible Use Zone (AICUZ) and Terminal Area Procedures

Local/Regional Land Encroachment

II.6.A Percent current off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.A.1	13R/C/L CZ	0	278	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	31L/C/R CZ	0	324	0.0	Gen Compat	100.0	0.0	0.0	0.0	0.0	0.0
II.6.A.2	13R/C/L APZ 1	17	520	0.0	Gen Compat	0.0	0.0	0.0	3.0	0.0	97.0
	31L/C/R APZ 1	1	531	0.0	Gen Compat	0.0	0.0	0.0	15.0	0.0	85.0
II.6.A.3	13R/C/L APZ 2	19	702	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	31L/C/R APZ 2	0	703	0.0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN	
II.6.A.4	65-70	620	8,281	1	Gen Compat	2.0	0.0	0.0	0.0	0.0	98.0
II.6.A.5	70-75	61	3,984	1	Gen Compat	1.0	1.0	0.0	0.0	0.0	98.0
II.6.A.6	75-80	28	1,718	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.A.7	80+	0	526	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.B Percent future off base incompatible land use:

Runway Number	Area	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/I FOLLOWING CATEGORIES					
						RES	COM	IND	PUB/SEMI	REC	OPEN/AG/LOW DEN
II.6.B.1	13R/C/L CZ	0	278	0.0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0

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II.6.B.1	13R/C/L	CZ	0	276	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
	31L/C/R	CZ	0	924	0	Gen Compat	0.0	0.0	0.0	100.0	0.0	0.0
II.6.B.2	13R/C/L	APZ 1	17	520	0	Gen Compat	0.0	0.0	0.0	3.0	0.0	97.0
	31L/C/R	APZ 1	1	531	0	Gen Compat	0.0	0.0	0.0	15.0	0.0	85.0
II.6.B.3	13R/C/L	APZ 2	19	702	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
	31L/C/R	APZ 2	0	703	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

DNL Noise Contour	Est Pop	Acres	Percent Incompatible Land Use	Percent Incompatible Land Use	PERCENT OF CURRENT LAND USE W/ FOLLOWING CATEGORIES						
					RES	COM	IND	PUB/SEMI	REC	OPEN/AG/ LOW DEN	
II.6.B.4	65-70	620	8,281	1	Gen Compat	2.0	0.0	0.0	0.0	0.0	98.0
II.6.B.5	70-75	61	3,984	1	Gen Compat	1.0	1.0	0.0	0.0	0.0	98.0
II.6.B.6	75-80	28	1,718	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0
II.6.B.7	80+	0	526	0	Gen Compat	0.0	0.0	0.0	0.0	0.0	100.0

II.6.C The most recent, publicly released AICUZ study is dated Oct 77

II.6.D Current AICUZ study's flying activities subsection reflects all currently assigned aircraft
Subsection reflects the number of daily flying operations conducted by all assigned aircraft
Current AICUZ study's flight track figure/map reflects current flight tracks.

II.6.E The AICUZ study was last updated on Oct 92
The study is still valid.

II.6.F Local governments have incorporated AICUZ recommendations into land use controls

II.6.F.1 AICUZ recommended height restrictions.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	Yes

II.6.F.2 AICUZ recommended development limits for Accident Potential Zone 1.

Government name:	Types of controls in place	Types of encroachment limited:
Del Rio, Texas	Zoning	Permanent easement for APZ1

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Explanation for any lack of reports:

- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
- Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 70 hrs
- I.2.E.7.b** Hours used: 70 hrs
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: MOA-Laughlin 1
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current
- I.2.E.2.b** There are problems No associated with the environmental analysis.

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- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 MOAs: 1200Z to 0200Z Mon through Fri, other times by NOTAM
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 2,313 hrs**
- I.2.E.7.b** **Hours used: 5,201 hrs**
- Used by multiple aircraft, hence more hours used
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 4290 square NM.
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: MOA-Laughlin 2
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 All environmental analyses are current.

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- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 Laughlin 2 MOA: 1200Z to 0200Z Mon through Fri, other times by NOTAM.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 164 hrs**
- I.2.E.7.b** **Hours used: 164 hrs**
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 450 square NM
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: MOA-Laughlin 3
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**

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- I.2.E.2.a** **Status of the environmental analysis and supplement:**
All environmental analyses are current.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
Laughlin 3 MOA: 1200Z to 0200Z Mon through Fri, other times by NOTAM.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled:** 2,124 hrs
- I.2.E.7.b** **Hours used:** 4,099 hrs
- used by multiple aircraft simultaneously
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand hours and volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
2,000 square NM
- I.2.E.11** **100.00 percent of the airspace is usable.**

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Airspace: SR-281

- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
New MTR no data available.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled:
- I.2.E.7.b** Hours used:
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:

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- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-282
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
New MTR no data available.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled:
- I.2.E.7.b** Hours used:
- I.2.E.8** Utilization of the airspace can Not be increased.

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- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-283
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
New MTR no data available.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled:
- I.2.E.7.b** Hours used:

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- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: SR-284
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
New MTR no data available.
Range scheduling statistics (yearly average from 1990 to 93).
- I.2.E.7.a** Hours scheduled:

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- I.2.E.7.b** **Hours used:**
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: VR-1108
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
All environmental analyses are current.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a** **Panther Junction**
- I.2.E.3.b** **No affect on or threat to the quality of training or the mission.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**

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Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled:** 123 hrs

I.2.E.7.b **Hours used:** 123 hrs

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**

I.2.E.10 **Description of the volume or area of the Airspace:**

I.2.E.11 **99.00 percent of the airspace is usable.**

Airspace: VR-1109

I.2.E.2 **An environmental analysis has been conducted for this airspace.**

I.2.E.2.a **Status of the environmental analysis and supplement:**

All environmental analyses are current.

I.2.E.2.b **There are problems No associated with the environmental analysis.**

I.2.E.2.c **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**

The DOPAA was used in the latest environmental analysis and supersonic waiver.

Explanation for any lack of reports:

I.2.E.3 **List of Noise Sensitive Areas (NSAs) associated with the airspace:**

I.2.E.3.a **Panther Junction**

I.2.E.3.b **No affect on or threat to the quality of training or the mission.**

I.2.E.4 **Commercial / civilian encroachment problems associated with the airspace:**

I.2.E.5 **There are No planned expansions (including new airspace) to the base's special use airspace.**

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- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
- Range scheduling statistics (yearly average from 1990 to 93.**
- I.2.E.7.a** **Hours scheduled: 104 hrs**
- I.2.E.7.b** **Hours used: 104 hrs**
- I.2.E.8** **Utilization of the airspace can be increased.**
- I.2.E.9** **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
- I.2.E.11** **99.00 percent of the airspace is usable.**
Airspace: VR-1117
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
All environmental analyses are current.
- I.2.E.2.b** **There are problems No associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **List of Noise Sensitive Areas (NSAs) associated with the airspace:**
- I.2.E.3.a** **Panther Junction**
- I.2.E.3.b** **No affect on or threat to the quality of training or the mission.**
- I.2.E.4** **Commercial / civilian encroachment problems associated with the airspace:**
- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**

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I.2.E.6 **There are No restrictions currently acting on this airspace**

I.2.E.7 **Published availability of the airspace:**

Range scheduling statistics (yearly average from 1990 to 93.

I.2.E.7.a **Hours scheduled: 4 hrs**

I.2.E.7.b **Hours used: 4 hrs**

I.2.E.8 **Utilization of the airspace can be increased.**

I.2.E.9 **It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.**

I.2.E.10 **Description of the volume or area of the Airspace:**

I.2.E.11 **99.00 percent of the airspace is usable.**

Commercial Aviation Impact

I.2.E.12 **The base is Not joint-use (military/civilian).**

I.2.E.13 **List of all airfields within a 50 mile radius of the base:**

Airfield:	Airfield:
Anacacho Ranch	Uncontrolled
Bertani Ranch	Uncontrolled
Bowles	Uncontrolled
Continental Ranch	Uncontrolled
Davis Ranch	Uncontrolled
Del Rio International	General Aviation
DeLong Ranch	Uncontrolled
Devils River Ranch	Uncontrolled
Dunbar Ranch	Uncontrolled

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Eagle Pass	General Aviation
Edwards	General Aviation
Flying Bull Ranch	Uncontrolled
Flying D Ranch	Uncontrolled
Fort Clark Springs	Uncontrolled
Four Square Ranch	Uncontrolled
Freeman	Uncontrolled
Horn Ranch	Uncontrolled
Hughes Ranch	Uncontrolled
La Fonda Ranch	Uncontrolled
Laughlin Auxiliary #1	Military
Lazy Two Ranch	Uncontrolled
Leona Ranch	Uncontrolled
Lewis	Uncontrolled
Rancho Grande	Uncontrolled
RNK Ranch	Uncontrolled
Robertson Ranch	Uncontrolled
Spofford	Uncontrolled
Spring Ranch	Uncontrolled
Tularosa	Uncontrolled
Winn	Uncontrolled

I.2.E.14 Civilian/commercial operators or other airspace users do Not pose scheduling, operational, or environmental constrains or limits.

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F. Potential for Growth in Training Airspace (Area)

- I.2.F.1** Expansion of training airspace is possible.
- I.2.F.1.a** Estimated expansion potential is 20.0 percent. Rationale for estimate:
This estimate covers expansions of our MOAs, the addition of a range, and additional 1 or 2 low levels.
- I.2.F.2** Current access will remain the same.
- I.2.F.3** No reductions in training airspace are expected.
- I.2.F.4** Current special use airspace and training areas meet all training requirements.
- I.2.F.4.a** Deployed, off-station training is not required to meet training requirements.

G. Composite / Integrated Force Training

- I.2.G.1** Nearest Active Duty or Reserve ground combat unit where joint training can be accomplished and that has impact areas capable of tactical employment:
FORT SAM HOUSTON
126 NM from the base.
- I.2.G.2** DELETED
- I.2.G.3** Nearest Naval unit where joint training can be accomplished:
Kingsville NAS
196 mi from the base.
- I.2.G.4** Nearest Active Duty Air Force or ARC unit where dissimilar training can be accomplished:
Kelly AFB
115 mi from the base.
- I.2.G.5** DELETED

H. Missile Bases (AF Space Command)

Applies to missile bases only. Responses are classified.

I. Technical Training (Air Education and Training Command)

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I.2.1 No technical training mission.

J. Weather Data (AF Environmental Technical Applications Center)

I.2.J.1 Percentage of time the weather is at or above (ceiling / visibility)

a. 200 ft / 1/2 mi:	b. 300 ft / 1 mi:	c. 1500 ft / 3 mi:	d. 3000 ft / 3 mi:	e. 3000 ft / 5 mi:
99.4	98.8	90.2	81.7	81.4

I.2.J.2 Crosswind component to the primary runway:

I.2.J.2.a Is at or below 15 knots 99.2 percent of the time

I.2.J.2.b Is at or below 25 knots 100.0 percent of the time

I.2.J.3 2 Days have freezing participation (mean per year).

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Section II

1. Installation Capacity & Condition

A. Land

Site	Description	Total Acreage	Average Presently Developed	Suitable for New Development
II.1.A.1	Early Pass AAF	99		9
II.1.A.2	Laughlin AAF	552		33
II.1.A.3	Laughlin AFB	4,524		2,657
II.1.A.4	Localizer	7		1
II.1.A.5	Recreational Area	45		12
	South Localizer			20
	Main Base			888
	Auxiliary Airfield			1
	Auxiliary Airfield			909
	TOTALS:	5,227		2,712

B. Facilities

II.1.B.1 From real property records:

Facility Code	Category	Category Description	Units of Measure	(A) Required Capacity	(B) Current Capacity	Percentage (%) Cond Code 1	Percentage (%) Cond Code 2	Percentage (%) Cond Code 3	Excess Capacity (C)
II.1.B.1.a.i	121-122	Hydrant Fueling System Pits	EA	0	0		0.0	0.0	0
II.1.B.1.a.ii	121-122a	Consolidated Aircraft Support System	EA	0	0		0.0	0.0	0
II.1.B.1.b	131	Communications-Buildings	SF	N/A	9,507	38.0	0.0	62.0	N/A
II.1.B.1.c	141	Operations-Buildings	SF	N/A	26,524	36.0	63.0	1.0	N/A
II.1.B.1.c.i	141-232	Aerial Delivery Facility	SF	0	0		0.0	0.0	0
II.1.B.1.c.ii	141-753	Squadron Operations	SF	10,230	10,247	84.0	16.0	0.0	17
II.1.B.1.c.iii	141-782	Air Freight Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.iv	141-784	Air Passenger Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.c.v	141-785	Fleet Service Terminal	SF	0	0		0.0	0.0	0
II.1.B.1.d	171	Training Buildings	SF	N/A	155,473	50.0	50.0	0.0	N/A
II.1.B.1.d.i	171-211	Fight Training	SF	62,674	67,218	93.0	7.0	0.0	4,544
II.1.B.1.d.ii	171-211a	Combat Crew Trng Squadron Facility	SF	0	0		0.0	0.0	0
II.1.B.1.d.iii	171-212	Fight Simulator Training (High Bay)	SF	70,689	70,689	0.0	100.0	0.0	0
II.1.B.1.d.iv	171-212a	Companion Trng Program	SF	0	0		0.0	0.0	0
II.1.B.1.d.v	171-618	Field Training Facility	SF	0	0		0.0	0.0	0
II.1.B.1.e	211	Maintenance Aircraft	SF	N/A	257,885	22.0	76.0	2.0	N/A
II.1.B.1.e.i	211-111	Maintenance Hanger	SF	210,000	113,373	0.0	100.0	0.0	0
II.1.B.1.e.ii	211-152	General Purpose Aircraft Maintenance	SF	42,000	42,056	21.0	79.0	0.0	56

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II.1.B.1.e.iii	211-152a	DASH 21	SF	0	0		0.0	0.0	0
II.1.B.1.e.iv	211-153	Non-Destructive Inspection (NDI) Lab	SF	7,200	7,290	0.0	100.0	0.0	90
II.1.B.1.e.v	211-154	Aircraft Maintenance Unit	SF	26,000	14,776	69.0	18.0	13.0	0
II.1.B.1.e.vi	211-157	Jet Engine Insection and Maintenance	SF	25,607	28,180	4.0	96.0	0.0	2,573
II.1.B.1.e.vii	211-157a	Contractor Operated Main Base Supply	SF	17,276	17,276	100.0	0.0	0.0	0
II.1.B.1.e.viii	211-159	Aircraft Corrosion Control Hanger	SF	20,316	23,192	64.0	26.0	10.0	2,876
II.1.B.1.e.ix	211-173	Large Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.x	211-175	Medium Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xi	211-177	Small Aircraft Maintenance Dock	SF	0	0		0.0	0.0	0
II.1.B.1.e.xii	211-179	Fuel System Maintenance Dock	SF	6,750	6,750	0.0	100.0	0.0	0
II.1.B.1.e.xiii	211-183	Test Cell	SF	4,992	4,992	100.0	0.0	0.0	0
II.1.B.1.f	212	Maint-Guided Missiles	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.f.i	212-212	Missile Assembly (Build-Up) Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.ii	212-212a	Integrated Maintenance Facility (cruise Missiles)	SF	0	0		0.0	0.0	0
II.1.B.1.f.iii	212-213	Tactical Missile Maintenance Shop	SF	0	0		0.0	0.0	0
II.1.B.1.f.iv	212-220	Integrated Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g	214	Maintenance-Automotive	SF	N/A	30,865	100.0	0.0	0.0	N/A
II.1.B.1.g.i	214-425	Trailer/Equipment Maintenance Facility	SF	0	0		0.0	0.0	0
II.1.B.1.g.ii	214-467	Refueling Vehicle Shop	SF	2,700	2,700	100.0	0.0	0.0	0
II.1.B.1.h	215-552	Weapons and Release Systems (Armament Sho	SF	0	0		0.0	0.0	0
II.1.B.1.i	216-642	Conventional Munitions Shop	SF	0	0		0.0	0.0	0
II.1.B.1.j	217	Maint-Electronics and Communications Equip	SF	N/A	10,409	66.0	0.0	34.0	N/A
II.1.B.1.j.i	217-712	Avionics Shop	SF	10,000	6,842	100.0	0.0	0.0	0
II.1.B.1.j.ii	217-712a	LANTIRN	SF	0	0		0.0	0.0	0
II.1.B.1.j.iii	217-713	ECM Pod Shop and Storage	SF	0	0		0.0	0.0	0
II.1.B.1.k.i	218-712	Aircraft Support Equipment Shop/Storage Facility	SF	12,750	15,189	93.0	7.0	0.0	2,439
II.1.B.1.k.ii	218-852	Survival Equipment Shop (Parachute)	SF	6,065	5,013	100.0	0.0	0.0	0
II.1.B.1.k.iii	218-868	Precision Measurement Equipment Lab	SF	4,480	6,199	100.0	0.0	0.0	1,719
II.1.B.1.l	219	Maintenance-Installation, Repair, and Ops	SF	N/A	67,730	70.0	12.0	18.0	N/A
II.1.B.1.m	310	Science Labs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.n	311	Aircraft RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.o	312	Missile and Space RDT&E Facs	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.p	315	Weapons and Weapon Syst RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.q	317	Elect Comm & Elect Equip RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.r	318	Propulsion RDT&E Facilities	SF	N/A	0		0.0	0.0	N/A
II.1.B.1.s.i	411-135	Jet Fuel Storage	BL	35,000	30,385	100.0	0.0	0.0	0

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Section I

1. Force Structure

I.1.A List of all on base NAF and non-Air Force activities:

Unit or Activity:	Personnel Authorizations for FY93/4			
	Officer	Enlisted	Civilian	Total
I.1.A.1 AAFES	-	-	54	54
I.1.A.2 Amistad Dam Site	-	-	28	28
I.1.A.3 Army Corps of Engineers	-	-	2	2
I.1.A.4 Army Recruiter	-	3	-	3
I.1.A.5 Border Patrol	-	-	386	386
I.1.A.6 Credit Union	-	-	5	5
I.1.A.7 Customs Service	-	-	40	40
I.1.A.8 Defense Accounting Service	-	3	16	19
I.1.A.9 Defense Commissary Agency	-	-	26	26
I.1.A.10 Defense Investigative Service	-	-	1	1
I.1.A.11 Defense Printing Service	-	-	1	1
I.1.A.12 Defense Reutilization Marketing Office	-	-	2	2
I.1.A.13 Embry Riddle Air University	-	-	1	1
I.1.A.14 Federal Aviation Administration	-	-	1	1
I.1.A.15 NAF	-	-	132	132
I.1.A.16 National Bank	-	-	3	3
I.1.A.17 National Park Service	-	-	38	38
I.1.A.18 Navy Recruiter	-	2	-	2
I.1.A.19 Park College	-	-	2	2
I.1.A.20 Red Cross	-	-	2	2
I.1.A.21 Sul Ross University	-	-	1	1
I.1.A.22 US Post Office	-	-	1	1
TOTAL:				750

I.1.B No Remote/Geographically Separated Units receive more then 50% of Base Operational Support from the base.

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2. Operational Effectiveness

A. Air Traffic Control

ATCALs - Air Traffic Control and Landing Systems
 NAS - National Airspace System

I.2.A.1 Some of the base ATCALs are officially part of the NAS.

I.2.A.2 Details for specific ATC facilities:

	(A.2) ATC Summary:			(A.3) Detailed traffic counts:			
	Type of Facility	Total Traffic Count	Civil Traffic Count	Military Traffic Count	ILS Traffic Count	PAR Traffic Count	Non-PAR Traffic Count
RAPCON	3	165217	10225	154992	18555	0	428
Tower	2	88043	325	87718	N/A	N/A	N/A

I.2.A.4 The primary instrument runway is designated 13C

71315 operations were conducted this runway during calander year 1993

I.2.A.5 Known or potential airspace problems that may prevent mission accomplishment:

None

I.2.A.6 The base experiences ATC delays.

I.2.A.6.a Details regarding ATC delays:

Average number of delays per month (over the last 2 years): 4

The total number of sorties per month: 43796

The average length of the delays: 8:56

I.2.A.6.b There is No common rationale for the delays.

B. Geographic Location

I.2.B.1 Nearest major primary airlift customer: FORT HOOD distance 200 NM

Nearest major primary airdrop customer: FORT HOOD distance 200 NM

I.2.B.2 Distance to foward deployment Air Bases:

Lajes AB: 3693 NM

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Rota AB: 4762 NM
 Hickam AFB: 3129 NM
 RAF Mildenhall: 4689 NM

	Class of Airfield:	Name	Distance from Base
I.2.B.3	Military airfield, runway >= 3,000ft	LAUGHLIN AUX NR 1	21
I.2.B.4	Military airfield, runway >= 8,000ft	KELLY AFB	115
I.2.B.5	Military airfield, runway >= 10,000ft	KELLY AFB	115
I.2.B.6	Military or civilian airfield, runway >= 3,000ft	Del Rio International	8
I.2.B.7	Military or civilian airfield, runway >= 8,000ft	Kelly AFB	116
I.2.B.8	Military or civilian airfield, runway >= 10,000ft	Kelly AFB	116
I.2.B.9	Civilian airfield, runway >= 8,000ft for capable of conducting short term operations	San Antonio International	122
I.2.B.10	Civilian airfield, runway >= 10,000ft for capable of conducting short term operations	Lubbock International	263
I.2.B.11	Other runways on base can be used for emergency landings.		

C. Training Areas (Special Use Airspace (SUA), Ranges, Military Training Routes (MTRs), Drop Zones (DZs), Military Operating Areas (MOAs))

I.2.C.1 Supersonic Air Combat Training (ACBT) MOAs and warning/restricted areas, with a minimum size of 4,200 sq NM, within 300 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228 A,B,C,D	277 NM				

I.2.C.2 There are No MOAs or warning/restricted areas (minimum size of 2,100 sq NM and an altitude block of at least 20,000 ft) within 200 NM.

I.2.C.3 Low altitude MOAs and warning/restricted areas, with a minimum size of 2,100 sq NM and a floor no greater than 2,000 ft, within 600 NM:

Area Name	Distance	Area Name	Distance	Area Name	Distance
W-228D	263 NM	W-228 A,B,C,D	277 NM	W-228C	291 NM
W-602	356 NM	R-5107B	374 NM	W-92	550 NM

I.2.C.4 Scorable range complexes / target arrays (capable of or having tactical targets, conventional targets, and strafe), within 800 NM:

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Area Name	Distance	Area Name	Distance	Area Name	Distance
McMULLEN	127 NM	FALCON	334 NM	MELROSE	334 NM
OSCURA	365 NM	CLAIBORNE	424 NM	RAZORBACK	490 NM
SMOKEY HILL	579 NM	AIRBURST	582 NM	SHELBY WEST	616 NM
SHELBY EAST	621 NM	GOLDWATER RANGE 3	646 NM	GOLDWATER RANGE 2	654 NM
CANNON	655 NM	GOLDWATER RANGE 1	655 NM	GOLDWATER RANGE 4	666 NM
EGLIN C52	754 NM	EGLIN C62	760 NM	EL CENTRO	782 NM

I.2.C.5 Nearest electronic combat (EC) range and distance from base:

MELROSE 334 NM

I.2.C.6 Nearest Air Combat Maneuvering Instrumentation (ACMI) range and distance from base:

LUKE ACMI 624 NM

I.2.C.7 Nearest full-scale, heavyweight (live drop or inert) range and distance from base:

MELROSE 334 NM

I.2.C.8 Total number of slow routes (SR) / visual routes (VR) / instrument routes (IR) with entry points within:

Type of Route:	100 NM	150 NM	200 NM	400 NM	600 NM	800 NM
IR	3	7	11	40	64	105
SR	0	2	19	31	52	80
VR	1	13	16	44	79	131
Total Routes:	4	22	46	115	195	316

Identify Routes:

IR-169 28 NM	IR-170 39 NM	VR-1117 53 NM	IR-149 80 NM		
VR-1105 111 NM	VR-1152 111 NM	VR-156 111 NM	IR-124 116 NM	VR-186 116 NM	VR-1106 126 NM
VR-1123 127 NM	IR-180 131 NM	VR-1121 132 NM	IR-148 134 NM	SR-293 134 NM	IR-123 135 NM
VR-143 138 NM	VR-1122 140 NM	VR-196 143 NM	VR-101 145 NM	SR-286 147 NM	VR-168 148 NM
IR-147 151 NM	VR-1108 156 NM	VR-1109 156 NM	VR-1120 175 NM	IR-135 184 NM	IR-128 192 NM
SR-280 193 NM	IR-142 196 NM	SR-261 197 NM	SR-233 198 NM	SR-242 198 NM	SR-244 198 NM
SR-249 198 NM	SR-251 198 NM	SR-258 198 NM	SR-255 198 NM	SR-273 198 NM	SR-267 198 NM
SR-250 198 NM	SR-245 198 NM	SR-243 198 NM	SR-240 198 NM	SR-234 198 NM	SR-236 198 NM
IR-130 204 NM	VR-1124 205 NM	SR-290 207 NM	SR-292 207 NM	IR-136 217 NM	IR-166 217 NM
IR-122 221 NM	VR-118 226 NM	IR-139 235 NM	VR-151 240 NM	SR-270 242 NM	VR-1110 243 NM
IR-154 244 NM	VR-1116 244 NM	IR-155 249 NM	IR-167 250 NM	VR-1143 267 NM	IR-144 272 NM
IR-178 272 NM	IR-165 272 NM	IR-103 273 NM	VR-162 273 NM	IR-105 274 NM	VR-1138 277 NM
VR-158 279 NM	VR-1139 281 NM	VR-1142 285 NM	VR-163 285 NM	VR-1144 286 NM	VR-159 286 NM

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VR-1145	287 NM	IR-116	288 NM	VR-104	289 NM	IR-127	293 NM	VR-187	293 NM	VR-188	301 NM
SR-228	305 NM	VR-1146	307 NM	IR-102	309 NM	IR-131	309 NM	IR-141	309 NM	IR-134	311 NM
SR-208	314 NM	SR-217	314 NM	VR-100	327 NM	IR-132	335 NM	IR-133	335 NM	VR-114	335 NM
IR-115	337 NM	SR-216	338 NM	VR-125	352 NM	SR-205	353 NM	SR-206	354 NM	VR-106	357 NM
IR-172	359 NM	IR-173	359 NM	IR-129	360 NM	VR-1140	363 NM	VR-1141	365 NM	IR-113	374 NM
IR-107	383 NM	SR-296	384 NM	SR-294	388 NM	SR-295	388 NM	IR-150	394 NM	IR-117	395 NM
VR-1137	395 NM	VR-1113	395 NM	VR-1128	395 NM						
IR-111	402 NM	VR-1107	402 NM	VR-189	407 NM	SR-213	408 NM	VR-1174	419 NM	VR-152	421 NM
IR-164	423 NM	VR-1104	423 NM	IR-171	427 NM	IR-182	427 NM	VR-1195	429 NM	SR-214	431 NM
IR-145	433 NM	IR-146	433 NM	IR-181	444 NM	IR-183	444 NM	VR-108	446 NM	IR-160	447 NM
IR-161	447 NM	IR-175	448 NM	IR-110	454 NM	SR-210	456 NM	SR-211	456 NM	IR-177	458 NM
VR-1196	460 NM	IR-185	466 NM	IR-121	471 NM	VR-1103	471 NM	IR-503	477 NM	VR-176	479 NM
VR-119	480 NM	VR-138	482 NM	SR-223	486 NM	SR-224	486 NM	SR-212	492 NM	VR-1182	505 NM
IR-112	508 NM	VR-532	514 NM	IR-109	516 NM	VR-1130	516 NM	VR-534	519 NM	VR-535	519 NM
VR-1233	533 NM	VR-269	533 NM	VR-268	533 NM	VR-259	533 NM	VR-260	533 NM	VR-263	533 NM
VR-267	533 NM	SR-239	534 NM	IR-126	538 NM	IR-409	539 NM	VR-1546	541 NM	VR-533	541 NM
IR-120	542 NM	VR-1102	542 NM	IR-414	554 NM	SR-218	557 NM	SR-221	557 NM	SR-226	557 NM
SR-229	557 NM	SR-231	557 NM	SR-237	557 NM	SR-232	557 NM	SR-230	557 NM	SR-227	557 NM
SR-222	557 NM	SR-220	557 NM	SR-219	557 NM	VR-1032	560 NM	IR-070	561 NM	VR-536	563 NM
VR-1574	568 NM	VR-531	569 NM	VR-1072	572 NM	VR-544	577 NM	VR-552	582 NM	SR-030	588 NM
VR-179	593 NM	IR-068	594 NM								
IR-502	606 NM	IR-504	606 NM	SR-238	611 NM	VR-412	620 NM	VR-413	620 NM	SR-073	621 NM
SR-074	621 NM	SR-031	624 NM	IR-506	628 NM	VR-1522	628 NM	IR-044	629 NM	VR-1022	632 NM
VR-1083	633 NM	SR-029	635 NM	VR-223	635 NM	IR-415	637 NM	IR-524	639 NM	VR-1523	642 NM
VR-1033	645 NM	VR-239	647 NM	VR-245	647 NM	IR-507	648 NM	IR-040	651 NM	VR-1021	651 NM
VR-1024	651 NM	VR-1023	651 NM	IR-037	652 NM	VR-1525	652 NM	SR-075	652 NM	IR-038	655 NM
SR-137	655 NM	IR-091	657 NM	VR-1220	657 NM	VR-242	657 NM	VR-1219	657 NM	VR-244	658 NM
VR-246	658 NM	VR-231	661 NM	VR-545	663 NM	VR-1031	666 NM	VR-1020	670 NM	IR-505	671 NM
VR-512	676 NM	VR-511	677 NM	IR-254	678 NM	IR-276	679 NM	VR-1016	680 NM	VR-1030	680 NM
IR-320	681 NM	SR-619	681 NM	SR-618	681 NM	VR-1014	693 NM	SR-616	695 NM	SR-617	695 NM
VR-541	706 NM	IR-250	709 NM	IR-592	709 NM	IR-078	714 NM	IR-517	717 NM	VR-1520	717 NM
VR-1515	717 NM	IR-021	719 NM	IR-416	721 NM	IR-514	724 NM	VR-060	727 NM	IR-518	730 NM
SR-540	734 NM	SR-542	734 NM	SR-541	734 NM	IR-057	737 NM	IR-059	737 NM	SR-106	737 NM
SR-104	737 NM	SR-103	737 NM	SR-101	737 NM	IR-157	738 NM	IR-174	738 NM	VR-1267	738 NM
IR-527	739 NM	VR-1082	741 NM	VR-1085	741 NM	VR-1084	741 NM	VR-1266	745 NM	VR-1267	745 NM
VR-1268	745 NM	VR-540	747 NM	IR-030	757 NM	IR-031	757 NM	IR-066	760 NM	VR-1050	760 NM

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VR-1051 760 NM	VR-299 760 NM	IR-067 760 NM	IR-400 762 NM	VR-1054 763 NM	VR-510 766 NM
VR-1070 768 NM	IR-500 769 NM	IR-501 769 NM	IR-041 770 NM	VR-1067 770 NM	IR-063 770 NM
SR-069 774 NM	SR-070 774 NM	SR-072 774 NM	SR-071 774 NM	SR-397 775 NM	IR-077 777 NM
IR-255 779 NM	IR-069 781 NM	VR-1225 781 NM	VR-1056 784 NM	IR-214 791 NM	SR-225 794 NM
SR-059 797 NM	SR-060 797 NM	SR-061 797 NM	SR-062 797 NM	VR-289 798 NM	VR-296 798 NM
VR-288 800 NM					

I.2.C.9 IR-429 is the closest 400 series Military Training Route (MTR) which leads into the Tactics Training Range Complex (TTRC). Point A is 843 NM from the base.

I.2.C.10 Total number of Air Refueling (AR) routes with anchor points for refueling anchors or air refueling control points (ARCPs) for refueling tracks within:

200 NM	300 NM	500 NM
9	10	29

I.2.C.10.a Routes and distance to route's control point:

Refueling Route	Distance						
AR-167 NORTH	53 NM	AR-167 SOUTH	53 NM	AR-614	89 NM	AR-104 EAST	134 NM
AR-113 EAST	144 NM	AR-114	144 NM	AR-104 WEST	158 NM	AR-650	164 NM
AR-113 WEST	165 NM						
AR-102A EAST	252 NM						
AR-013 WEST	310 NM	AR-013 EAST	326 NM	AR-644 NORTH	333 NM	AR-602	348 NM
AR-644 SOUTH	357 NM	AR-312	413 NM	AR-313 NORTH	421 NM	AR-639A	421 NM
AR-639	421 NM	AR-112 EAST	422 NM	AR-314 WEST	431 NM	AR-613	440 NM
AR-115	446 NM	AR-313 SOUTH	448 NM	AR-623	452 NM	AR-310 EAST	455 NM
AR-310 WEST	455 NM	AR-314 EAST	474 NM	AR-108 EAST	489 NM		

I.2.C.10b The total number of refueling events within:

500 NM	700 NM
1811	4727

Track	Distance	Events									
AR-104	134 NM	123	AR-113	144 NM	27	AR-114	144 NM	566	AR-102	252 NM	10
AR-013	310 NM	329	AR-112	422 NM	360	AR-314	431 NM	256	AR-108	489 NM	140
AR-309	508 NM	138	AR-116	511 NM	541	AR-101	520 NM	217	AR-302	538 NM	445

I.2.C.10c The nearest concentrated receiver area (AR track with at least 500 events) is 144NM from the base."

I.2.C.10d Percentage of tanker demand in region: 19.0

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Percentage of tankers based in region: 19.0

Tanker saturation within the region has been classified as tanker Balanced

I.2.C.11 Drop zones (DZs) listed in AMC Pamphlet 55-57 (9 Jun 94) within 150 NM with a minimum size of 700 by 1000 yards:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
ANTELOPE - FT HOOD	187 NM	✓	✓	✓	1	2
BRADFORDS FOLLY	306 NM		✓	✓	0	0
DEVIL	166 NM	✓	✓	✓	0	0
DEVILS RIVER	14 NM	✓	✓		0	0
EAGLE MOUNTAIN	275 NM	✓	✓	✓	0	1
FT HOOD	188 NM		✓	✓	1	2
FT SILL CIRCULA	342 NM	✓	✓	✓	2	3
GRANGE NORTH	323 NM	✓	✓	✓	0	0
GRANGE SOUTH	323 NM	✓	✓	✓	0	0
HALL	118 NM	✓	✓	✓	0	0
MARRION IMC N	189 NM	✓	✓	✓	0	14
MARRION IMC S	189 NM	✓	✓	✓	0	13
MELROSE	333 NM		✓		5	0
MINERAL WELLS	253 NM		✓	✓	0	2
MINERAL WLS CAT	253 NM		✓	✓	0	2
MINERAL WLS CIR	253 NM		✓	✓	0	2
MINERAL WLS SKE	253 NM		✓	✓	0	2
O'DELL	346 NM	✓	✓	✓	0	0
RAPIDO	197 NM	✓	✓	✓	0	2
ROXANNE	294 NM	✓	✓		0	0

I.2.C.11.a Drop Zone Servicing Instrument and Slow Routes (IRs and SRs)

ANTELOPE - FT HOOD	IR-139	SR-258	SR-261						
EAGLE MOUNTAIN	SR-228								
FT HOOD	IR-139	SR-258	SR-261						
FT SILL CIRCULA	IR-103	IR-105	SR-294	SR-295	SR-296				
MARRION IMC N	SR-036	SR-040	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244
	SR-245	SR-249	SR-250	SR-251	SR-255				
MARRION IMC S	SR-073	SR-233	SR-234	SR-236	SR-240	SR-242	SR-243	SR-244	SR-245
	SR-249	SR-250	SR-251	SR-255					
MELROSE	IR-107	IR-109	IR-111	IR-113	IR-180				

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MINERAL WELLS	SR-228	SR-270							
MINERAL WLS CAT	SR-228	SR-270							
MINERAL WLS CIR	SR-228	SR-270							
MINERAL WLS SKE	SR-228	SR-270							
RAPIDO	SR-258	SR-261							

1.2.C.12 Closest primary landing zone (LZ) listed in AMC Pamphlet 55-57 (9 Jun 94) with a minimum size of 3000 by 60 ft:
BULLIS 119 NM

1.2.C.13 Nearest full scale drop zone(s) (minimum size 1000 by 1500 yds) which can be used for personnel drops or night equipment drops:

Name	Distance	Night?	Personnel?	Equipment?	Route Count	
					IR	SR
DEVILS RIVER	14 NM	✓	✓		0	0
HALL	118 NM	✓	✓	✓	0	0

1.2.C.14 Name and distance to ground force installation (US Army, USMC) with a restricted airspace capable of supporting tactical aircraft employment (floor no higher than 100 ft AGL, ceiling no lower than 3,00 ft AGL, minimum area 25000 sq NM)
FORT HOOD 184 NM

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D. Ranges

Ranges (Controlled/managed by the base)

I.2.D.1 **The base Does not control or manage any ranges, questions I.2.D.2 to I.2.D.17 skipped.**

Ranges (Used by the base)

I.2.D.18 **The base does Not uses ranges on a regular basis**

I.2.D.19

The mission/training is Not impacted by training area airspace encroachment.

The mission/training is not impacted by training area airspace noise abatement procedures.

The mission/training is not impacted by training area traffic procedures.

I.2.D.20

I.2.D.21

I.2.D.22

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E. Airspace Used by Base
I.2.E.1 Airspaces scheduled or managed by the base:

A-633A	Alert Area
A-633B	Alert Area
IR-169	MTA
IR-170	MTA
MOA-Laughlin 1	MOA
MOA-Laughlin 2	MOA
MOA-Laughlin 3	MOA
SR-281	MTA
SR-282	MTA
SR-283	MTA
SR-284	MTA
VR-1108	MTA
VR-1109	MTA
VR-1117	MTA

Details for airspace scheduled or managed by the base:
Airspace: A-633A

- I.2.E.2 An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a Status of the environmental analysis and supplement:**
All environmental analyses are current.
- I.2.E.2.b There are problems No associated with the environmental analysis.**
- I.2.E.2.c The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3 There are No Noise Sensitive Areas associated with the airspace.**
- I.2.E.4 Commercial / civilian encroachment problems associated with the airspace:**

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- I.2.E.5** **There are No planned expansions (including new airspace) to the base's special use airspace.**
- I.2.E.6** **There are No restrictions currently acting on this airspace**
- I.2.E.7** **Published availability of the airspace:**
 Mon-Fri, 1/2 hour before sunrise to 1/2 hour after sunset. Other times by NOTAM
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** **Hours scheduled: 3,040 hrs**
- I.2.E.7.b** **Hours used: 3,040 hrs**
- I.2.E.8** **Utilization of the airspace can Not be increased.**
- I.2.E.9** **It is Not possible to expand either hours or volume to increase the airspace utilization.**
- I.2.E.10** **Description of the volume or area of the Airspace:**
 A-633A: 15NM Radius from the center Laughlin AFB, surface to 7000' MSL excluding Mexico.
- I.2.E.11** **100.00 percent of the airspace is usable.**
Airspace: A-633B
- I.2.E.2** **An environmental analysis has been conducted for this airspace.**
- I.2.E.2.a** **Status of the environmental analysis and supplement:**
 All environmental analyses are current.
- I.2.E.2.b** **There are problems associated with the environmental analysis.**
- I.2.E.2.c** **The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.**
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:
- I.2.E.3** **There are No Noise Sensitive Areas associated with the airspace.**

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- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
Mon - Fri, 1/2 hour before sunrise to 1/2 hour after sunset. Other times by NOTAM.
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 2,125 hrs
- I.2.E.7.b** Hours used: 2,125 hrs
- I.2.E.8** Utilization of the airspace can Not be increased.
- I.2.E.9** It is Not possible to expand either hours or volume to increase the airspace utilization.
- I.2.E.10** Description of the volume or area of the Airspace:
A-633B: 7NM radius from center of Laughlin Aux 1, surface to 4000'MSL.
- I.2.E.11** 99.00 percent of the airspace is usable.
Airspace: IR-169
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.
Explanation for any lack of reports:

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- I.2.E.3** There are No Noise Sensitive Areas associated with the airspace.
- I.2.E.4** Commercial / civilian encroachment problems associated with the airspace:
- I.2.E.5** There are No planned expansions (including new airspace) to the base's special use airspace.
- I.2.E.6** There are No restrictions currently acting on this airspace
- I.2.E.7** Published availability of the airspace:
N/A
Range scheduling statistics (yearly average from 1990 to 93.
- I.2.E.7.a** Hours scheduled: 113 hrs
- I.2.E.7.b** Hours used: 113 hrs
- I.2.E.8** Utilization of the airspace can be increased.
- I.2.E.9** It is possible to expand volume to increase the airspace utilization, hours can Not be expanded.
- I.2.E.10** Description of the volume or area of the Airspace:
- I.2.E.11** 100.00 percent of the airspace is usable.
Airspace: IR-170
- I.2.E.2** An environmental analysis has been conducted for this airspace.
- I.2.E.2.a** Status of the environmental analysis and supplement:
All environmental analyses are current.
- I.2.E.2.b** There are problems No associated with the environmental analysis.
- I.2.E.2.c** The current Description of Proposed Actions/Alternatives (DOPAA) defines base operations.
The DOPAA was used in the latest environmental analysis and supersonic waiver.