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Laughlin AFB, TX

Del Rio, TX

Base Operator:

DSN: 732-1110
(210) 298-3511

Billeting/Quarters:

(830) 298-5650

First, choose a category:

Installation Data

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Overview

Major Units

47th Flying Training Wing

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Laughlin Location Del Rio, Texas 150 miles west of San Antonio and 6 miles from Old Mexico

Major Command: Air Education and Training Command (AETC)

Primary Weapon Systems: T-37, T-38, T1A

Mission: The primary mission is to conduct undergraduate pilot training for the USAF as directed by HQ AETC, to conduct T-37/T-38 pilot training for designated foreign nations as directed by HQ AETC and to provide normal base support for satisfactory maintenance and operation of assigned and attached units, organizations, and detachment.

TELEPHONE: DSN 732-3511 OR (830)298-3511

Laughlin Army Air Field was named after Lieutenant Jack T. Laughlin, the first Del Rio Army Air Forces casualty of World War II. His B-17 was shot down over Java. Laughlin's training mission began in July 1942 under the Army Air corps. The mission of the base at that time was to transition pilots into the Martin B-26 "Marauder". In 1945, the base closed and the land was leased to sheep and goat raisers in the area. In 1962, Undergraduate Pilot Training was implemented at Laughlin and

has remained its mission ever since. Laughlin used the T-37 in the primary phase of training and the T-33 in the advanced phase. In 1964, the T-38 replaced the T-33. In 1965, the T-41 "Mescalero", a single engine plane, was used in the first phase of student training to identify students in need of additional help and identify likely eliminees before sending them to UPT. Civilian instructors conducted the training at Del Rio International Airport. This training now takes place at Hondo, Texas near San Antonio. A new era began at Laughlin in 1993 as the 47th Flying Training Wing implemented specialized undergraduate pilot traint (SUPT) and brought on board the T1A Jayhawk, the first new aircraft to be used at AETC's flying training wings in over 25 years. Laughlin's mission has remained the same since 1962-training top quality military pilots.

Laughlin AFB: Installation Installation Overview

Name : 47 MSS/DPF		POC : Relocation Assistance Manager	
Address : 427 Liberty Drive			
City : Laughlin AFB		State : TX	Zip : 78843
Phone : 830 298-5222 /DSN 732-5222		Fax : 830 298-4177 / DSN 732-4177	

Name : General Delivery		
Address : 477 4th Street Suite 1		
City : Laughlin AFB	State : TX	Zip : 78843-5144

Name : Laughlin AFB, Texas		POC : Base Operator	
City :		State : TX	Zip :
Phone : (830) 298-3511		Fax :	
DSN Phone : 732-1110		DSN Fax :	
Comment : Commercial: Base Operator (830) 298-3511 DSN: 732-1110			

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DEPARTMENT OF DEFENSE - Air Force
Base Structure Report - As Of 30 Sept 03

SITE	COMPONENT	NAME NEAREST CITY	PHONE	ZIP CODE	BLDGS OWNED	BLDGS OWNED SQFT	BLDGS LEASED	BLDGS LEASED SQFT	TOTAL ACRES	ACRES OWNED	PRV (\$M)	MIL	CIV	OTHER	TOTAL
South Dakota															
Dakota Ridge Family Hsg Annex	AF Active	Rapid City		57701			201	422,814	50		36.0				
Ellsworth AFB	AF Active	Box Elder	605-385-5056	57706	721	6,269,537	251	1,177,843	6,407	5,408	1,852.1	3,402	383	0	3,785
Joe Foss Field ANG	Air Natl Guard	Sioux Falls	605-988-5700	57104	33	405,204			214		104.2	989	0	0	989
OTHER SITE(S) ¹: 107					4	6,548			3,853	3,728	7.3				
South Dakota Total:					758	6,681,289	452	1,600,657	10,524	9,136	1,999.6	4,391	383	0	4,774
Tennessee															
Arnold Air Station	AF Active	Manchester	931-454-3000	37389	279	2,716,407			39,081	39,080	4,683.3	98	183	0	281
McGhee Tyson Airport	Air Natl Guard	Alcoa	865-985-3200	37777	62	670,619	1	799	346		151.2	1,187	0	0	1,187
Memphis IAP	Air Natl Guard	Oakville	901-541-7111	38118	30	351,991	2	32,100	102		94.3	1,104	0	0	1,104
Nashville IAP	Air Natl Guard	Nashville	6/5-399-5410	37217	34	333,676			88		76.9	1,227	0	0	1,227
OTHER SITE(S) ¹: 2					14	71,431			22		14.0	251	0	0	251
Tennessee Total:					419	4,144,124	3	32,899	39,639	39,080	5,019.7	3,867	183	0	4,050
Texas															
Air Force Plant No 4	AF Active	Fort Worth			80	5,508,942			727	636	1,036.1	10	9	0	19
Brooks City Base	AF Active	San Antonio	210-536-1110	78235			137	1,850,613	280		329.8	1,218	1,176	0	2,394
Camp Bullis Training Annex	AF Active	San Antonio			9	108,377	2	4,490	21	21	21.6	46	0	0	46
Dyess AFB	AF Active	Abilene	915-696-2864	79607	997	4,431,024			6,342	5,304	1,356.2	5,546	347	0	5,893
Ellington Field	Air Natl Guard	Genoa	281-929-2110	77034	52	439,385	1	1,023	190	190	101.8	1,026	0	0	1,026
Goodfellow 801 Leased Hsg Annex	AF Active	San Angelo					90	276,810	40		18.8				
Goodfellow AFB	AF Active	San Angelo	915-654-3231	76908	175	2,234,205			1,119	1,117	429.3	1,553	536	0	2,089
Hondo Municipal Airport	AF Active	San Antonio			15	73,080	1	33,800	867		97.0				
Kelly Field Annex	AF Active	San Antonio	210-925-1110	78241	132	2,063,834			2,789	2,134	622.1	809	0	0	809
Lackland AFB	AF Active	San Antonio	210-671-1110	78236	722	9,590,706			2,753	2,712	1,780.7	14,125	4,251	0	18,376
Lackland Training Annex	AF Active	San Antonio	210-673-0562	78055	290	1,374,914			4,017	4,017	320.3	1	0	0	1
Laughlin AFB	AF Active	Del Rio	830-298-3511	78843	497	2,368,978			4,524	4,106	655.5	1,024	899	0	1,923
Laughlin AFB Aux 1	AF Active	Spofford			6	3,746			724	403	16.7				
Randolph AFB	AF Active	Universal City	210-652-1110	78150	653	5,416,112			3,129	2,894	1,139.6	4,100	4,713	0	8,813
Seguin AF Auxiliary Field	AF Active	Seguin		78155	5	3,962			961	961	46.7				
Sheppard AFB	AF Active	Wichita Falls	940-676-2511	76311	1,074	8,817,867			5,719	4,640	1,993.9	3,529	1,361	0	4,890
OTHER SITE(S) ¹: 45					632	12,246,237	156	3,331,277	10,443	8,526	274.4	2,896	196	1	3,093
Texas Total:					5,339	54,681,369	387	5,498,013	44,645	37,661	10,240.5	35,883	13,488	1	49,372
Utah															
Hill AFB	AF Active	Clearfield	801-777-7221	84056	1,234	13,736,084			7,000	6,795	3,265.9	6,937	10,011	0	16,948
Little Mountain Test Annex	AF Active	Ogden			13	107,347			740	731	44.6				
Salt Lake City IAP ANG	Air Natl Guard	Salt Lake City	801-595-2200	84116	51	459,042	1	4,800	135		118.0	1,366	0	0	1,366

¹ US Locations that do not meet criteria of at least ten (10) Acres AND at least \$10M PRV. US Territories and Non-US Locations that do not meet criteria of at least ten (10) Acres OR at least \$10M PRV.



47th FLYING TRAINING WING



LAUGHLIN AFB, TEXAS



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**Ms. Tanya Cruz
BRAC Commission
16-17 June 2004
///FINAL///**

14 Jun 05 / 1530

PURPOSE OF VISIT: Orientation Visit to the 47 FTW

Thursday, 16 June 2005

- 2238** **Arrive Del Rio International Airport, via Continental Flight 9853**
Met by: Maj Ralph Korthauer, 47 FTW/SEF

- 2300** **Depart Del Rio International Airport for LaQuinta Inn, Del Rio, Texas, via rental car**
Escorted by: Maj Ralph Korthauer

- 2315** **Arrive LaQuinta Inn, at leisure**

Friday, 17 June 2005

- 0830** **Depart LaQuinta Inn for Laughlin AFB, via rental car**
Note: Maj Korthauer will meet Ms. Cruz in the lobby of the LaQuinta Inn and escort her to Laughlin AFB.

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0900

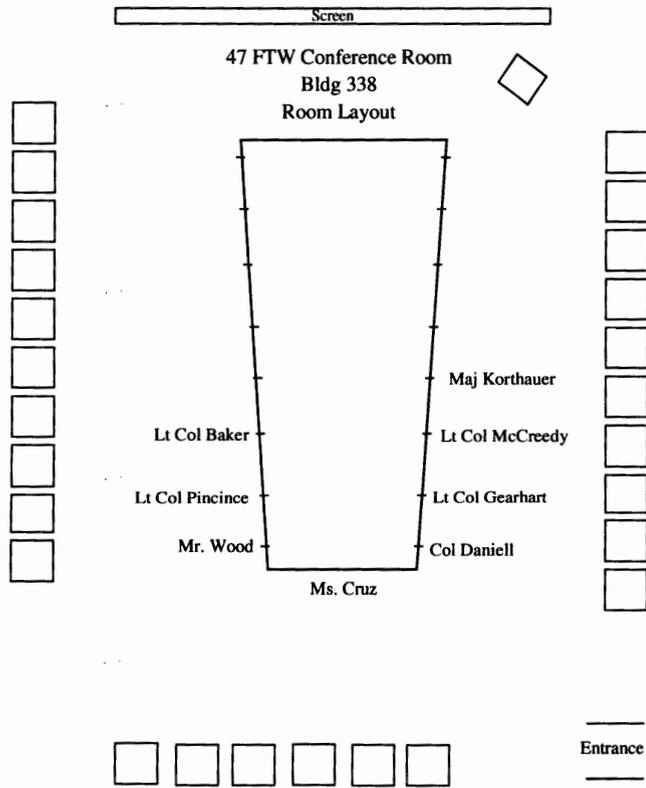
Arrive Wing Headquarters, proceed to conference room for briefings

Met by: Col Teresa Daniell, 47 MSG/CC

- 47th Flying Training Wing Mission Brief, briefed by Col Teresa Daniell
- IFF Briefing, briefed by Lt Col Scott McCreedy, 87 FTS/ADO

Attendees: Ms. Tanya Cruz
 Col Teresa Daniel
 Mr. Bob Wood, 47 FTW/MX
 Lt Col Martin Gearhart, 47 OG/CD
 Lt Col Marc Pincince, 47 MSG/CD
 Lt Col Susan Baker, 47 MDSS/CC
 Lt Col Scott McCreedy
 Maj Ralph Korthauer

SEATING:



1030

Depart Wing Headquarters for windshield tour

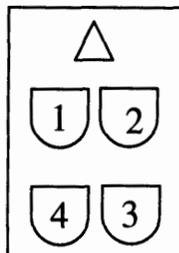
Driven by: Col Teresa Daniell

Attendees: Ms. Tanya Cruz
 Lt Col Marc Pincince

TRANSPORTATION PLAN

47 FTW/CC SEDAN

- 1 - Col Daniell
- 2 - Ms. Cruz
- 3 - Lt Col Pincince
- 4 - Vacant



1130

Arrive Wing Headquarters, prepare for departure

Depart Laughlin AFB via rental car

LAUGHLIN TELEPHONE NUMBERS:

Laughlin Command Post: DSN: 732-5167
Comm: (830) 298-5167

Laughlin Base Ops: DSN: 732-5308
Comm: (830) 298-5308

Laughlin Vehicle Trans: DSN: 732-5120
Comm: (830) 298-5120

47 FTW/CC: DSN: 732-4700
Comm: (830) 298-4700

Protocol: DSN: 732-4709
Comm: (830) 298-4709
Cell Phone: 765-4025

Maj Ralph Korthauer: DSN: 732-5405/5662
Comm: (830) 298-5404/5662

Education & Training Joint Cross-Service Group

the single most weighted factor in nominating a base for initial UAV training. DoD Installations conducting UAV training are:

Choctaw OLF, FL
Fort Huachuca, AZ
Indian Springs AFB, NV

4. Capacity Analysis Methodology.

- a. FT Subgroup capacity analysis measured runway, airspace, ramp space and ground-training facilities that support fixed and rotary wing flight training operations. It is based on existing/approved curriculum requirements, existing infrastructure, and FY 2004 obligated military construction funding. Metrics and analysis calculations were based on aircraft currently assigned to a particular base.

The two primary resources the E&T JCSG FT Subgroup measured are: 1) runway(s) and, 2) airspace capacity. FT Subgroup used the methodology described in FAA Advisory Circular 150.5060-5, "Airport Capacity and Delay Manual" as their basis to calculate runway capacity for fixed-wing aircraft. This methodology defines the number of runway operations users could conduct during daylight hours over the course of a year. The approach accounts for weather conditions, the number and configuration of runways (main and outlying fields), the mix of aircraft, and the percentage of touch-and-go operations at home station and auxiliary fields. FT Subgroup calculated airspace requirements based on training events in each flying training syllabus to determine, as a function of student throughput, the number and size of dedicated blocks of airspace required for each type of training event (e.g., contact, formation flying, etc.). This approach summed dedicated airspace required to perform all flying events and compared this area (sq. nm as "shadow on the ground") with the available Special Use Airspace controlled/scheduled by the installation. Due to the fact a single block of airspace may support many types of training events during a single day, there is no viable way to calculate a fixed Maximum Potential Capacity for airspace. Instead FT determined Maximum Capacity using a time component (11-hour window for each of the 244 student training days each year) and airspace requirement relationship for syllabus-driven and overhead training events. An increase in the number of flight hours (over 11 hours per day) or number of days dedicated to flight training (over 244 days per academic year) would decrease the number of blocks of airspace, and subsequently the amount of airspace required for a specific syllabus objective when measured for a set number of students. Given the notion that the combination of training events a given block of airspace could accommodate is infinite, the group was unable to distinguish an upper limiting factor to determine Maximum Potential Capacity. Prudent scheduling may well result in more training without a commensurate increase in special use airspace. That said, it is important to note the amount of airspace and its location relative to the main operating base are important considerations because safety demands most flying events take place during daylight hours. This combination of factors may limit the ability to

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- e. **Excess Capacity** is an installations current capacity minus current usage plus surge capacity. For example, current capacity (standardized/peacetime operations) minus current usage (certified Data Call #1 responses) may be greater than Current Capacity minus Surge Capacity (20% of current usage).
6. **Capacity Analysis Results.** The capacity analysis for E&T JCSG FT Subgroup yielded the following results:
- a. **Undergraduate Flight Training**
General: FT Subgroup worked with Service BRAC offices to collect certified data for Capacity Analysis. Tables in this Report are as follows: 1) Runway Capacity Analysis Table includes annual runway operations (current usage) and 20% surge based on FY03 data, 2) Airspace Capacity Analysis Table includes syllabus requirements per sortie, annual pilot training throughput requirements and the total square miles of owned/scheduled airspace, 3) Ramp (Apron) Analysis Table includes the total square yards of reported ramp space divided by the footprint of the aircraft (type/model/series) times the number of aircraft assigned, and 4) Ground Training Facility Analysis Table includes the total number of available seats for student throughput requirements for each syllabus.

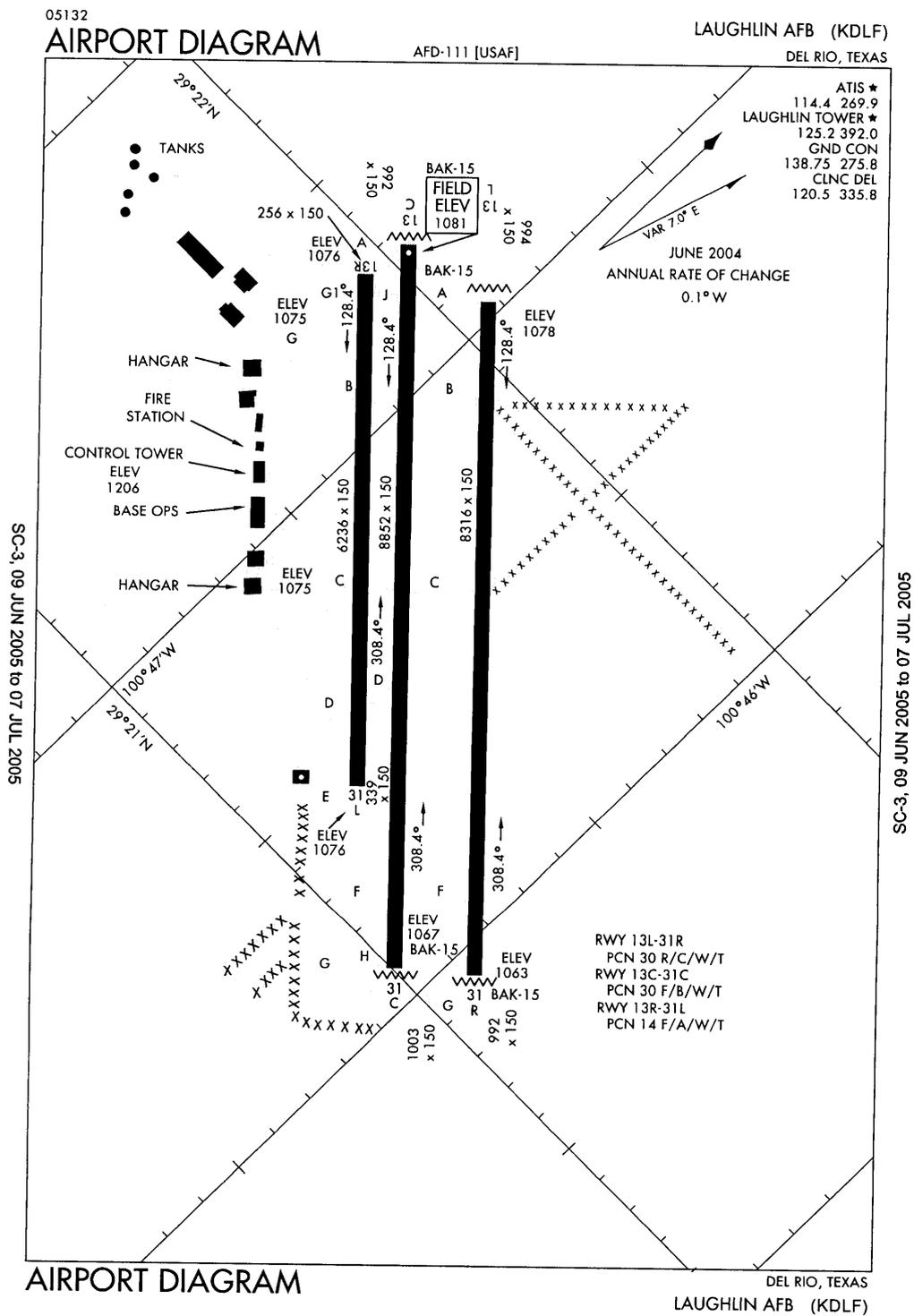
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ii. Results for Undergraduate Flight Training: Rotary-Wing Pilots

	Runway Capacity (Annual runway operations)		Apron Space (Square yards)	
	Fort Rucker	NAS Whiting Field (RW)	Fort Rucker	NAS Whiting Field (RW)
Max Potential Capacity	21,261,250	3,767,009	1,827,741	430,365
Current Capacity	14,213,000	2,518,220	1,827,741	430,365
Current Usage	2,250,588	1,038,220	729,217	172,767
% Usage	16%	41%	40%	40%
Usage + Surge	2,700,706	1,245,864	875,060	207,320
%(Usage + Surge)	19%	49%	48%	48%
Excess Capacity	11,512,294	1,272,356	952,681	223,045
% Excess	81%	51%	52%	52%
	Classroom Capacity (Annual Student Hours)		Simulator Capacity (Annual Student Hours)	
	Fort Rucker	NAS Whiting Field (RW)	Fort Rucker	NAS Whiting Field (RW)
Max Potential Capacity	7,358,400	4,064,640	1,581,180	135,780
Current Capacity	3,279,360	1,811,456	704,672	60,512
Current Usage	966,265	188,261	127,662	56,528
% Usage	29%	10%	18%	93%
Usage + Surge	1,159,518	225,913	153,195	67,833
%(Usage + Surge)	35%	12%	22%	112%
Excess Capacity	2,119,842	1,585,543	551,477	-7,321
% Excess	65%	88%	78%	-12%

iii. Results for Undergraduate Flight Training: Navigator/Naval Flight Officer Fixed-Wing

	Runway Capacity (Annual runway operations)		Ramp Capacity (Sq. yd. Usable Space)		Airspace Capacity (Sq. nm of SUA)	
	NAS Pensacola	Randolph AFB	NAS Pensacola	Randolph AFB	NAS Pensacola	Randolph AFB
Max Potential Capacity	396,464	712,544	330,910	597,912	6,630	4,925
Current Capacity	265,033	482,491	330,910	597,912	6,630	4,925
Current Usage	85,836	180,949	141,655	263,744	5,104	1,125
% Usage	32%	38%	43%	44%	77%	23%
Usage + Surge	103,003	217,138	169,986	316,493	6,125	1,350
%(Usage + Surge)	39%	45%	51%	53%	92%	27%
Excess Capacity	162,030	265,353	160,923	281,419	505	3,575
% Excess	61%	55%	49%	47%	8%	73%
	Classroom Capacity (Annual Student Hours)		Simulator Capacity (Annual Student Hours)			
	NAS Pensacola	Randolph AFB	NAS Pensacola	Randolph AFB	NAS Pensacola	Randolph AFB
Max Potential Capacity	3,587,220	4,822,380	113,880	65,700		
Current Capacity	1,598,688	2,149,152	50,752	29,280		
Current Usage	164,593	330,324	18,618	11,284		
% Usage	10%	15%	37%	39%		
Usage + Surge	197,512	396,389	22,342	13,540		
%(Usage + Surge)	12%	18%	44%	46%		
Excess Capacity	1,401,176	1,752,763	28,410	15,740		
% Excess	88%	82%	56%	54%		



DCN:11685

Cruz, Tanya, CIV, WSO-BRAC

From: Tran, Duke, CIV, WSO-BRAC
Sent: Friday, May 13, 2005 5:25 PM
To: Cirillo, Frank, CIV, WSO-BRAC
Cc: Cook, Robert, CIV, WSO-BRAC
Subject: Bases with Largest Job Gains

Frank,

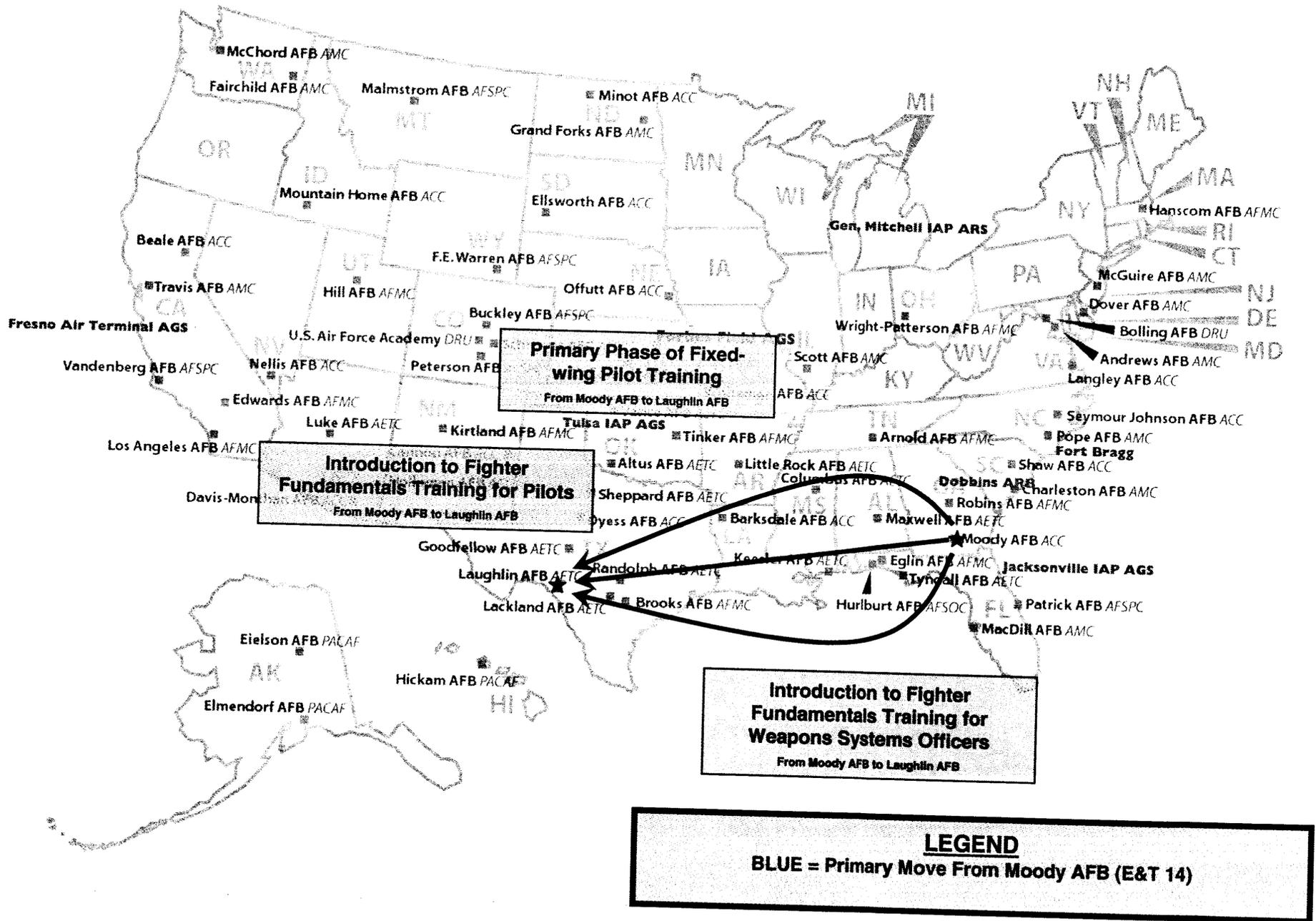
You were asking me this morning about what bases with job gains may deserve visits by the Commissioners. My take on this: the Defense Sec. did provide the answer for us in today's report. Please see the attached Excel file for bases that make to the list. The cutoff is 1.5 percent of job gains as a percent share of total employment in the area. I'll be here Monday to answer you. Have a great weekend!
 Duke

Bases With the Largest Job Gains
 Job Gains As a Percent of Region's Total Employment
 [Based on BRAC 2005 Report by DoD (vol.1), May 2005]

Rank	Base	MSA / mSA	Referenced page	Job gains as percent share of total jobs (percent)
1	Submarine Base Kings Bay	St Marys, GA	B-39	21.9
2	Ft Sill	Lawton, OK	B-21	9.0
3	Ft Benning	Columbus, GA-AL	B-9	8.5
4	Ft Rucker	Enterprise-, AL	B-13	7.4
5	Ft Riley	Manhattan, KS	B-23	6.5
6	Ft Bliss	El Paso, TX	B-13	6.2
7	Ft Bragg	Fayetteville, NC	B-14	3.7
8	Eglin AFB	Ft Walton Beach, FL	B-15	3.4
9	Anniston Army Depot	Anniston, AL	B-2	3.0
10	Shaw AFB	Sumter, SC	B-39	2.6
11	Naval Station Bremerton	Bremerton, WA	B-6	2.4
12	Ft Carson	Colorado Spring, CO	B-9	2.2
13	Ft Sam Houston	San Antonio, TX	B-35	1.8
14	Robins AFB	Warner, GA	B-43	1.8
15	Naval Air Weapon China Lake	Bakersfield, CA	B-3	1.7
16	Little Rock AFB	Little Rock, AR	B-22	1.7
17	Ft Lee	Richmond, VA	B-33	1.6
18	Laughlin AFB	Del Rio, TX	B-11	1.5
19	Moody AFB	Valdosta, GA	B-42	1.5

5/15/2005

Laughlin Air Force Base, TX



Laughlin AFB, TX
Commission Staff Base Visit

Questions:

1. Please describe the overall mission of Laughlin AFB.
2. How does the Secretary of Defense's recommendation impact Laughlin AFB and its mission?
3. Please describe any unique feature(s) of Laughlin AFB that would contribute to its military value that may or may not have been taken into account.
4. Does your installation have sufficient capacity to handle the incoming personnel?
 - a. Which facilities on base have a shortage or are overcapacity? If available, could you please provide how much the shortage or overcapacity of these facilities is?
 - b. If the Secretary of Defense's recommendation is approved, which facilities will then have a shortage of or excess capacity?
5. Are you aware of any issues with the community's ability to accommodate this increase (e.g. housing market, schools, health care, etc.)?
6. If the recommendation were approved, are there any implementation costs or savings that may not have been taken into account?
 - a. For example, will there be any necessary construction or rehabilitation requirements at Laughlin AFB as a result of the Secretary of Defense's recommendation?
 - b. Will there be any environmental costs not taken into account?

FLIGHT TRAINING SUBGROUP MILITARY VALUE ANALYSIS

Section 1: Introduction

The Flight Training (FT) Military Value Analysis captured and compared data that revealed DoD installations' suitability to host Undergraduate or Graduate-level Flight Training sub-functions, e.g., Undergraduate Fixed-wing Pilot Training, Undergraduate Rotary-wing Pilot Training, Undergraduate Navigator/Naval Flight Officer/Combat Systems Officer Training, Graduate-level Joint Strike Fighter (JSF) Initial Joint Training, and Initial Unmanned Aerial Vehicle (UAV) Training. FT survey questions targeted DoD's 12 primary flight-training installations and all DoD-owned bases that could reasonably accept the JSF or UAV training missions. To create a meaningful measure of merit and final ranking, FT developed survey questions that captured specific information for each installation as it related to six global attributes relevant to each of the following sub-functions: Airfield Capacity, Weather, Environment, Quality of Life, Managed Training Areas and Ground Training Facilities. The final ranking provided a list of installations ranked most-to-least dear as they relate to the specific sub-function examined. The FT military value analysis followed the E&T JCSG methodology and Military Value Scoring Plans approved by the ISG.

Section 2: Military Value Score

The following charts provide the numerical score by sub-function and location within the purview of the E&T JCSG Flight Training Subgroup:

Education and Training JCSG							
Flight Training Subgroup							
<i>Undergraduate Fixed-wing Pilot</i>							
Installation	MilVal Score	Airfield	Weather	Environment	QoL	Managed Training	GT Facilities
NAS Pensacola, FL	68.40	17.29	10.63	8.94	7.26	13.98	10.29
Laughlin AFB, TX	65.37	19.23	8.83	9.08	5.39	12.61	10.23
Vance AFB, OK	63.23	18.79	6.67	10.07	5.13	12.22	10.34
NAS Meridian, MS	62.94	18.69	8.44	7.96	5.12	14.71	8.01
NAS Kingsville, TX	62.69	17.85	9.69	8.30	4.22	13.67	8.96
NAS Whiting Field, FL	62.28	16.09	8.00	8.02	5.73	16.93	7.51

Education & Training Joint Cross-Service Group

<i>Undergraduate Fixed-wing Pilot (continued)</i>							
Installation	MilVal Score	Airfield	Weather	Environment	QoL	Managed Training	GT Facilities
NAS Corpus Christi, TX	60.38	17.10	10.23	9.01	5.10	13.40	5.53
Columbus AFB, MS	60.22	17.98	7.28	9.00	3.95	10.78	11.23
Sheppard AFB, TX	59.73	18.51	8.47	8.03	5.15	9.24	10.33
Randolph AFB, TX	57.60	17.82	6.77	7.00	4.94	10.70	10.38
Moody AFB, GA	56.24	18.88	6.25	9.72	2.91	9.49	8.99

Education and Training JCSG							
Flight Training Subgroup							
<i>Undergraduate Rotary-wing Pilot</i>							
Installation	MilVal Score	Airfield	Weather	Environment	QoL	Managed Training	GT Facilities
Fort Rucker, AL	81.37	23.59	11.49	7.81	5.21	22.87	10.40
NAS Whiting Field, FL	67.50	16.92	9.84	6.72	5.53	20.39	8.10

Education and Training JCSG							
Flight Training Subgroup							
<i>Undergraduate Navigator/Naval Flight Officer/Combat Systems Officer</i>							
Installation	MilVal Score	Airfield	Weather	Environment	QoL	Managed Training	GT Facilities
NAS Pensacola, FL	73.07	14.37	9.15	10.36	7.26	18.03	13.90
Sheppard AFB, TX	70.92	15.61	6.85	9.47	5.15	18.46	15.38
Laughlin AFB, TX	70.04	16.21	7.26	10.16	5.39	15.55	15.47
Vance AFB, OK	68.00	14.81	5.36	11.13	5.13	16.09	15.47
NAS Kingsville, TX	65.10	14.62	8.79	9.62	4.22	15.77	12.08
NAS Corpus Christi, TX	64.90	13.75	9.24	10.09	5.10	19.28	7.44

DCN:11685 Education & Training Joint Cross-Service Group

<i>Undergraduate Navigator/Naval Flight Officer/Combat Systems Officer (continued)</i>							
NAS Whiting Field, FL	64.47	13.43	8.80	9.22	5.73	17.19	10.10
Columbus AFB, MS	63.90	14.96	4.57	10.10	3.95	15.15	15.18
Randolph AFB, TX	62.61	15.61	6.24	8.12	4.94	12.03	15.67
NAS Meridian, MS	61.96	15.25	6.34	9.40	5.12	15.07	10.77
Moody AFB, GA	61.35	15.43	5.32	9.51	2.91	14.37	13.80

Education and Training JCSG							
Flight Training Subgroup							
<i>Joint Strike Fighter (JSF) Graduate-level Initial Joint Training Site</i>							
Installation	MilVal Score	Airfield	Weather	Environment	QoL	Managed Training	GT Facilities
Eglin AFB, FL	72.44	14.36	8.73	12.24	4.38	19.98	10.25
Laughlin AFB, TX	67.78	14.05	6.05	14.01	5.77	16.21	11.29
*Cherry Point, NC	66.32	16.12	7.92	11.75	4.67	14.63	8.97
Pensacola, FL	66.88	13.63	7.44	12.83	7.73	13.69	10.21
Tyndall AFB, FL	64.94	16.94	7.92	11.70	3.69	12.49	10.85
Vance AFB, TX	64.24	15.28	4.41	13.92	5.49	13.44	11.29
Kingsville, TX	64.23	14.15	6.99	12.03	4.53	17.09	8.43
NAS Meridian, MS	64.11	14.85	6.03	11.71	5.48	16.80	7.89
Shaw AFB, SC	63.98	15.77	8.33	13.92	4.08	9.89	10.11
*Yuma, AZ	63.90	16.57	10.95	9.08	3.54	12.69	9.54
Columbus AFB, MS	62.84	14.22	5.07	13.93	4.24	13.87	11.09
*Randolph AFB, TX	60.77	13.35	4.92	10.21	5.29	15.17	11.43
Beaufort, SC	59.43	12.06	9.23	11.71	6.06	10.70	9.25
*Sheppard AFB, TX	58.38	14.46	5.74	12.37	5.50	9.01	11.29
Moody AFB, GA	57.10	15.76	4.28	11.80	3.15	10.66	10.14

*Note: Four installations added for analysis at the request of the Services.

Education & Training Joint Cross-Service Group

Education and Training JCSG							
Flight Training Subgroup							
<i>Unmanned Aerial Vehicle Initial Joint Training Site</i>							
Installation	MilVal Score	Airfield	Weather	Environment	QoL	Managed Training	GT Facilities
FT Rucker, AL	78.39	16.53	13.11	11.20	5.39	19.85	12.30
Choctaw NOLF, FL	73.66	7.76	13.46	10.86	7.26	22.67	11.65
FT Huachuca, AZ	58.25	10.69	10.22	10.21	2.54	18.64	5.94
Indian Springs, NV	57.06	10.37	13.59	10.74	0	16.52	5.85

Section 3: Results of Analysis

The FT Subgroup was able to compile a useful measure of merit regarding Military Value of training installations. Overall, NAS Pensacola received the highest score for Undergraduate Fixed Wing Pilot Training and Fort Rucker received the highest score for Undergraduate Rotary Wing Training. Although only 2 installations currently conduct Undergraduate Navigator / Naval Flight Officer / Combat Systems Officer training, all 11 undergraduate flight training bases were included in the scoring for comparative analysis. Laughlin AFB received the highest score for this function. Since there are no installations that host JSF training, the Flight Training subgroup evaluated 965 airfields within CONUS against criteria developed by the Joint Strike Fighter Program Office for the Initial Training Site. Of the 31 bases that met the initial criteria, 20 were eliminated using military judgment. The Services subsequently requested 4 of the eliminated bases (based on military judgment) be reconsidered and included in the list of 11 remaining bases. Eglin AFB received the highest military value score for the list of 15 bases "best" suited for hosting the Initial Joint Training Site for the JSF. For UAV training, the Army requested that FT Rucker be included in military value scoring along with the 3 sites that currently train UAV operators. FT Rucker received the highest score of the 4 sites.

RANGES AND COLLECTIVE TRAINING SUBGROUP MILITARY VALUE ANALYSIS

Section 1: Introduction

The scope of military value analysis for the Ranges and Collective Training subgroup includes all DoD Active Component and Reserve installations and processes that support collective training capabilities to include Service unit, and interoperability (cross-service) and joint training functions, and test and evaluation (T&E) functions. This assessment includes training, test and evaluation (T&E) ranges, and training simulations centers. For purposes of MILVAL analysis of capability, Army and Air National Guard ranges are included in this analysis. As training and T&E are distinctly different functions, separate training and T&E military values were determined for each function. The Range and Collective Training military value analysis followed the E&T JCSG methodology and Military Value Scoring Plans approved by the ISG.

Section 2: Military Value Score

A numerical score by function and location is provided for each approved sub-function within the Range and Collective Training Subgroup purview:

Education and Training JCSG	
Range and Collective Training Subgroup	
<i>Training</i>	
Installation/Location	Numerical Military Value Score
Eglin AFB, FL	63.60
Fort Wainwright, AK	62.63
Facsfac San Diego, Ca	61.81
White Sands Missile Range, NM	59.72
Fort Bliss, TX	56.55
Yuma Proving Ground, AZ	52.40
Comnavmarianas, GU	50.18
Pacmisranfac Hawarea Barking Sands, HI	49.18
Navairwarcenwpndiv Pt Mugu, CA	48.85
Facsfac Vacapes Oceana, VA	48.59
CG MCB Campen, NC	46.73

Education & Training Joint Cross-Service Group

Education and Training JCSG	
Range and Collective Training Subgroup	
<i>Training (Continued)</i>	
Installation/Location	Numerical Military Value Score
NAS Whidbey Island, WA	46.17
Fort Polk, LA	45.91
Dugway Proving Ground, UT	45.84
COMNAVAIRWARCENWPNDIV China Lake, CA	45.65
NAVSTAKAIRWARCEN Fallon, NV	45.43
NAVSTA Pearl Harbor, HI	45.42
CG MBB Camp Lejeune, NC	45.20
Fort Carson, CO	44.75
MCAS Yuma, AZ	44.17
Fort Lewis, WA	44.16
CG MAGTF TRNGCOM, CA	43.79
Nellis AFB, NV	43.57
Fort Huachuca AFB, UT	42.96
COMNAVAIRWARCENACDIV, Patuxent River, MD	42.50
Luke AFB (Goldwater), AZ	41.70
Fort Hood, TX	41.69
FACSFAC Jacksonville, FL	41.68
Fort Knox, TN	41.01
NAVUNSEAWARCENDIV Keyport, WA	40.54
Fort Drum, NY	40.33
Edwards AFB, CA	40.30
Fort Bragg, NC	38.86
Fort Stewart, GA	38.42
Cannon AFB, NM	38.37
NTC and Fort Irwin, CA	38.31
NAS Key West, FL	36.41
Fort Rucker, AL	36.37
Fort A P Hill, VA	35.00
Fort Sill, OK	34.92
CG MCB Quantico, VA	34.69

Education & Training Joint Cross-Service Group

Education and Training JCSG	
Range and Collective Training Subgroup	
<i>Training (continued)</i>	
Installation/Location	Numerical Military Value Score
NAS Pensacola, FL	34.03
Key Field, MS	33.98
Shaw AFB, SC	33.82
NAVSURFWARCEN, COASTSYSSTA Panama City, FL	33.47
Fort Huachuca, AZ	33.13
Buckley AFB, CO	33.05
Selfridge ANGB, MI	32.78
Fort Campbell, KY	32.49
Hancock Field AGS, NY	32.33
Fort Sam Houston, TX	32.25
Fort Riley, KS	32.18
MCAS Beaufort, SC	32.17
Hulman Regional APT AGS, IN	31.91
Carswell ARS, NAS Fort Worth Joint Reserve, TX	31.69
Schofield Barracks, HI	31.67
Aberdeen Proving Ground, MD	31.64
McConnell AFB, KS	31.16
Fort Eustis, VA	31.03
Fort Richardson, TX	30.77
CG MCAS Cherry Pt, NC	30.37
Fort Dix, NJ	29.11
Fort Leonard Wood, MO	28.83
COMNAVSPECWARGRU One, CA	28.71
COMSUBFORPAC Pearl Harbor, HI	28.63
NAS JRB Ft Worth, TX	28.56
Fort Benning, GA	28.41
CG MCB Hawaii	28.01
NAS Kingsville, TX	27.68
Seymour Johnson AFB, NC	27.51
Fort Gordon, GA	27.49
Fort McCoy, WI	27.09
Vandenberg AFB, CA	27.02

Education and Training JCSG	
Range and Collective Training Subgroup	
<i>Training (continued)</i>	
Installation/Location	Numerical Military Value Score
Mountain Home AFB, ID	26.77
Eielson AFB, AK	26.45
COMSTRKFIGHTWINGPAC Lemoore, CA	26.13
COMNAVSPECWARCEN, CA	25.96
Holloman AFB, NM	24.85
Atlantic City IAP AGS, NJ	24.02
Kirtland AFB, NM	23.57
MCMWTC Bridgeport, CT	23.49
Barksdale AFB, LA	23.33
NAS Whiting Field Milton, FL	23.23
Fort Jackson, SC	23.04
NAS Meridian, MS	22.94
COMSUBLANT Norfolk, VA	22.71
Lambert - St. Louis IAP AGS, MO	22.48
Harrisburg IAPAGS, PA	22.34
NAS Corpus Christi, TX	21.58
Moody AFB, GA	21.26
Redstone Arsenal, WA	20.95
Fort Smith Regional Apt AGS, AR	19.10
FCTCLANT, Dam Neck, VA	18.59
Mcchord AFB, WA	16.93
NAVSURFWARCENDIV Dahlgren, VA	16.75
Elmendorf AFB, AK	16.70
Tucson IAP AGS, AZ	16.70
NAS New Orleans ARS, LA	16.09
Klamath Falls IAP AGS, PA	15.14
Offutt AFB, NE	14.34
Davis-Monthan AFB, AZ	14.12
Whiteman AFB, MO	13.84
DULUTH IAP AGS, MN	13.73
Laughlin AFB, TX	13.30
Vance AFB, OK	13.20
Columbus AFB, MS	13.14
Ellsworth AFB, SD	13.12

Education & Training Joint Cross-Service Group

Education and Training JCSG	
Range and Collective Training Subgroup	
<i>Training (continued)</i>	
Installation/Location	Numerical Military Value Score
NAS Atlanta, GA	13.01
Tyndall AFB, FL	12.97
Langley AFB, VA	12.88
Great Falls IAP AGS, MT	12.55
Pope AFB, NC	12.00
Ellington Field AGS, TX	11.87
Boise Air Terminal AGS, ID	11.85
Dane County Regional, Truax Field AGS, WI	11.20
Hawthorne Army Depot, NV	10.91
Rome Laboratory, NY	10.87
Dyess AFB, TX	10.69
Des Moines IAP AGS, IA	10.49
Springfield-Beckley MPT AGS, OH	10.10
Sheppard AFB, TX	10.04
Beale AFB, CA	9.24
Sioux Gateway APT AGS, IA	9.23
Capital APT AGS, IL	9.22
Randolph AFB, TX	9.17
Joe Foss Field AGS, SD	9.16
Fort Wayne IAP AGS, IN	9.14
Dannelly Field AGS, AL	9.13
West Point Mil Reservation, NY	8.97
Anniston Army Depot, AL	8.80
Lincoln Map AGS, NE	8.72
Bradley IAP AGS, CT	8.72
Tulsa IAP AGS, OK	8.71
W. K. Kellogg APT AGS, MI	8.66
Barnes MPT AGS	8.63

Education & Training Joint Cross-Service Group

Education and Training JCSG	
Ranges and Collective Training Subgroup	
<i>Testing and Evaluation (T&E)(Continued)</i>	
Installation/Location	Numerical Military Value Score
FORT RUCKER	40.65
MCAS_BEAUFORT_SC	40.03
FORT LEONARD WOOD	39.10
ELLSWORTH AFB	37.13
MCCONNELL AFB	35.96
NTC AND FORT IRWIN CA	35.39
FORT BRAGG	35.26
FORT HOOD	35.09
BUCKLEY AFB	33.93
COMSUBLANT_NORFOLK_VA	33.63
MCMWTC	30.27
CG_MCB_CAMPEN	30.20
HAWTHORNE ARMY DEPOT	28.71

Section 3: Results of Analysis**Training**

The Range Training Sub-working Group, using Military Value analysis guidance as established by OSD, provided a means to rank-order ranges/range complexes/operating areas (OPAREAs) on the measure of merit and quantifiable attributes. Four DoD selection criteria were weighted based on relative importance in assessing the Military Value of training ranges/range complexes/OPAREAs. A range's military value is predominantly its ability and capability to support the training mission. The cost was not the primary discriminator for the Range Training Sub-working Group in the calculation of Military Value. The Range Training Sub-working Group followed the *Recruit and Train* principle as defined in Policy Memorandum Two and Final Selection Criteria 1 through 4. Shear un-encroached space and the number of environments a range has available were major factors in the Military Value analysis. The Range Training Sub-working Group addressed 14 attributes across the 4 criteria resulting in a prioritized "1-n" list of training ranges/range complexes/OPAREAs.

Department :
 Scenario File : S:\CYPF\ADASN_IA\Education and Training\Flight Training Subgroup\Scenario E&T 0046R I really
 ve\COBRA 6.10 Update Env with IG Changes\E&T0046R COBRA VERS 6.10 5 May 05.CBR
 Option Pkg Name: Scenario E&T0046R
 Std Fctrs File : C:\COBRA\COBRA 6.10\BRAC2005.SFF

Starting Year : 2006
 Final Year : 2008
 Payback Year : 2012 (4 Years)

NPV in 2025(\$K): -174,151
 1 Time Cost(\$K): 71,730

Net Costs in 2005 Constant Dollars (\$K)								
	2006	2007	2008	2009	2010	2011	Total	Beyond
MilCon	2,830	31,443	0	0	0	0	34,272	0
Person	0	0	-8,454	-19,374	-19,374	-19,374	-66,577	19,374
Overhd	1,177	-2,719	-721	-1,383	-1,383	-1,383	-6,414	1,383
Moving	0	3,634	9,299	0	0	0	12,933	0
Missio	0	0	0	0	0	0	0	0
Other	1,693	17,516	1,657	1,895	2,179	2,463	27,402	2,458
TOTAL	5,700	49,874	1,780	-18,863	-18,579	-18,295	1,617	-18,300

	2006	2007	2008	2009	2010	2011	Total
POSITIONS ELIMINATED							
Off	0	0	5	0	0	0	5
Enl	0	0	184	0	0	0	184
Civ	0	0	30	0	0	0	30
TOT	0	0	219	0	0	0	219

	2006	2007	2008	2009	2010	2011	Total
POSITIONS REALIGNED							
Off	0	0	299	0	0	0	299
Enl	0	0	61	0	0	0	61
Stu	0	0	532	0	0	0	532
Civ	0	0	255	0	0	0	255
TOT	0	0	1,147	0	0	0	1,147

Summary:

This scenario realigned Air Force Primary Undergraduate Pilot Training and Introduction to Fighter Fundamentals Pilot Training out of Moody AFB to a combination of Columbus AFB, Laughlin AFB, Randolph AFB, Sheppard AFB, and Vance AFB. It also realigns Air Force Navigator/Combat System Officer flight training from Randolph AFB to NAS Pensacola.

Department :
 Scenario File : S:\CYPF\NASN_IA\Education and Training\Flight Training Subgroup\Scenario EAT 0046R I really
 COBRA 6.10 Update Env with IG Changes\EAT0046R COBRA VERS 6.10 5 May 05.CBR
 Option Pkg Name: Scenario EAT0046R
 Std Fcsts File : C:\COBRA\COBRA 6.10\BRAC2005.SFF

Base: Laughlin AFB, TX (MXDP)	2006	2007	2008	2009	2010	2011	Total
ONE-TIME COSTS	2006	2007	2008	2009	2010	2011	Total
CONSTRUCTION							
MILCON	195	2,171	0	0	0	0	2,366
G&M							
CIV SALARY							
CIV RIFs	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 Hold	0	0	0	0	0	0	0
PPP	0	0	0	0	0	0	0
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
Underemployment	0	0	0	0	0	0	0
OTHER							
Info Tech	0	176	334	0	0	0	510
Prog Manage	0	0	0	0	0	0	0
Supt Contract	0	0	0	0	0	0	0
Mothball	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							
RAP / RSE	0	0	0	0	0	0	0
Environmental	312	200	0	0	0	0	512
Misc Contract	0	0	0	0	0	0	0
1-Time Other	0	840	0	0	0	0	840
TOTAL ONE-TIME	513	2,188	334	0	0	0	4,036

Department :
 Scenario File : S:\CYPF\NASN_IA\Education and Training\Flight Training Subgroup\Scenario EAT 0046R I really
 COBRA 6.10 Update Env with IG Changes\EAT0046R COBRA VERS 6.10 5 May 05.CBR
 Option Pkg Name: Scenario EAT0046R
 Std Fcsts File : C:\COBRA\COBRA 6.10\BRAC2005.SFF

Base: Laughlin AFB, TX (MXDP)	2006	2007	2008	2009	2010	2011	Total	Beyond
RECURRING COSTS	2006	2007	2008	2009	2010	2011	Total	Beyond
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
G&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
HER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0
RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
G&M								
1-Time Move	0	0	0	0	0	0	0	0
MIL PERSONNEL								
Mil Moving	0	0	0	0	0	0	0	0
HER								
Environmental	0	0	0	0	0	0	0	0
1-Time Other	0	0	0	0	0	0	0	0
TOTAL ONE-TIME	0	0	0	0	0	0	0	0
RECURRING SAVES	2006	2007	2008	2009	2010	2011	Total	Beyond
CONSTRUCTION								
MILCON	0	0	0	0	0	0	0	0
G&M								
Sustainment	0	0	0	0	0	0	0	0
Recap	0	0	0	0	0	0	0	0
RCS	0	0	0	0	0	0	0	0
Civ Salary	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 Activ	0	0	0	0	0	0	0	0
Misc Recur	0	1,038	1,038	1,038	1,038	1,038	5,190	1,038
TOTAL RECUR	0	1,038	1,038	1,038	1,038	1,038	5,190	1,038
TOTAL SAVINGS	0	1,038	1,038	1,038	1,038	1,038	5,190	1,038

Department : SMCYPP/DASH/IN-Reduction and Training/Flight Training Subgroup/Scenario EST 0048 : reality
Scenario File : Update COB with 10 changes/Scenario COBRAS VERN 6.10 5 May 05/COB
COBRA 6.10 Update COB with 10 changes/Scenario COBRAS VERN 6.10 5 May 05/COB
Person Name: Scenario EST0048
Person Key Name: Scenario EST0048
Sld File Name: C:\COBRAS\COBRA 6.10\BRAC0005.SFL
Sld File File : C:\COBRAS\COBRA 6.10\BRAC0005.SFL

Base	Start	Finish	Change	Personnel
Moody AFB	4,202	4,550	-348	17%
Columbus AFB	2,102	1,852	250	6%
Langhlin AFB	2,102	1,139	963	9%
Sheppard AFB	2,102	1,176	926	18%
Vance AFB	1,164	1,259	-95	8%
NAS Pensacola	1,613	15,228	-13,615	4%
TOTAL	41,970	41,791	179	1%
Base <th>Start</th> <th>Finish</th> <th>Change</th> <th>Square Footage</th>	Start	Finish	Change	Square Footage
Moody AFB	2,233,000	2,033,000	200,000	0%
Columbus AFB	1,423,000	1,423,000	0	0%
Langhlin AFB	1,423,000	1,423,000	0	0%
Sheppard AFB	1,423,000	1,423,000	0	0%
Vance AFB	1,423,000	1,423,000	0	0%
NAS Pensacola	1,656,000	1,056,000	600,000	24%
TOTAL	26,479,673	26,459,673	20,000	0%
Base <th>Start</th> <th>Finish</th> <th>Change</th> <th>Chg/Per</th>	Start	Finish	Change	Chg/Per
Moody AFB	15,000,000	13,764,000	1,236,000	8.2%
Columbus AFB	15,000,000	15,000,000	0	0%
Langhlin AFB	15,000,000	15,000,000	0	0%
Sheppard AFB	15,000,000	15,000,000	0	0%
Vance AFB	15,000,000	15,000,000	0	0%
NAS Pensacola	12,250,000	10,810,000	1,440,000	12%
TOTAL	211,569,916	211,464,311	105,605	0%
Base <th>Start</th> <th>Finish</th> <th>Change</th> <th>Chg/Per</th>	Start	Finish	Change	Chg/Per
Moody AFB	129,226,970	129,226,970	0	0%
Columbus AFB	559,217,219	600,746,119	-41,528,900	7%
Langhlin AFB	616,434,146	616,434,146	0	0%
Sheppard AFB	1,073,634,126	1,073,634,126	0	0%
Vance AFB	1,736,085,697	1,736,085,697	0	0%
NAS Pensacola	2,900,350,634	2,900,350,634	0	0%
TOTAL	8,227,482,993	8,227,482,993	0	0%

Department : SMCYPP/DASH/IN-Reduction and Training/Flight Training Subgroup/Scenario EST 0048 : reality
Scenario File : Update COB with 10 changes/Scenario COBRAS VERN 6.10 5 May 05/COB
COBRA 6.10 Update COB with 10 changes/Scenario COBRAS VERN 6.10 5 May 05/COB
Person Key Name: Scenario EST0048
Person Name: Scenario EST0048
Sld File Name: C:\COBRAS\COBRA 6.10\BRAC0005.SFL
Sld File File : C:\COBRAS\COBRA 6.10\BRAC0005.SFL

Base	Start	Finish	Change	Personnel
Moody AFB	5,994,203	4,994,203	1,000,000	17%
Columbus AFB	4,952,208	4,952,208	0	0%
Langhlin AFB	5,079,464	5,079,464	0	0%
Sheppard AFB	16,001,193	16,001,193	0	0%
Vance AFB	16,001,193	16,001,193	0	0%
NAS Pensacola	24,564,581	24,564,581	0	0%
TOTAL	69,416,819	69,416,819	0	0%
Base <th>Start</th> <th>Finish</th> <th>Change</th> <th>Chg/Per</th>	Start	Finish	Change	Chg/Per
Moody AFB	26,754,508	26,754,508	0	0%
Columbus AFB	10,194,473	10,194,473	0	0%
Langhlin AFB	10,114,875	10,114,875	0	0%
Sheppard AFB	61,426,031	61,426,031	0	0%
Vance AFB	34,225,031	34,225,031	0	0%
NAS Pensacola	144,103,984	144,103,984	0	0%
TOTAL	390,790,474	390,790,474	0	0%
Base <th>Start</th> <th>Finish</th> <th>Change</th> <th>Chg/Per</th>	Start	Finish	Change	Chg/Per
Moody AFB	129,226,970	129,226,970	0	0%
Columbus AFB	559,217,219	600,746,119	-41,528,900	7%
Langhlin AFB	616,434,146	616,434,146	0	0%
Sheppard AFB	1,073,634,126	1,073,634,126	0	0%
Vance AFB	1,736,085,697	1,736,085,697	0	0%
NAS Pensacola	2,900,350,634	2,900,350,634	0	0%
TOTAL	8,227,482,993	8,227,482,993	0	0%

Start and Finish Values for Personnel and BOS both include the programable installation population (non-BAC) changes, so that only changes attributable to the BAC action are reflected in the Change column of this report.

COBRA PERSONNEL/SUBSISTENCE REPORT COBRAS REPORT (COBRA V6.10) Page 2
DATA AS OF 5/5/2005 10:17:15 AM. Report created 5/5/2005 10:18:16 AM

COBRA MILITARY CONSTRUCTION ASSETS REPORT (COBRA V6.1C) - Page 3
 Date As Of 5/5/2004 12:01:15 AM, Report Created On 2004 10-02-06 AM

Department : S1:OFF/DASH/A Education and Training Flight Training Subgroup/Secrets Sgt 0368 : really
 Working File : S1:OFF/DASH/A Education and Training Flight Training Subgroup/Secrets Sgt 0368 : really
 Scenario Name: Scenario 800046R
 Std Extra File : C:\COBRA\COBRA 6.1C\BRAC0305.SFF

Milicon for Base: Laughlin AFB, TX (MDDP)

All values in 2005 Constant Dollars (\$K)

FAC Title	UX	New Milicon Cost	Using Relab Milicon Cost	Relab Cost	Total Cost
112 Aircraft Apron, Surfaces	SY	4.00	0.00	0.00	4.00
112A Administrative Building	SF	3.09	0.00	0.00	3.09
112B Flight Simulacoe Facility	SF	2.00	12.50	0.00	14.50
Total Construction Cost:					19.59
Construction Cost Avoided:					0.00
Total Net Milicon Cost:					19.59

* All Milicon Costs include Design, Site Preparation, Contingency Planning, and SOW Costs where applicable.

** New Milicon Rehabilitation Cost Breakdown is available if Total Cost was entered by the user.

Department :
 VAECOBRA 6.10 Update RPT with IG Changes: EKT0468 COBRA VARS 6.10 5 May 09.CBR
 Scenario File : S:\OFFICIALS\IN\BACAction and Training\Flight Training Subgroup\Scenario EKT 0468 1 Really
 Option Rpt Name: Scenario EKT0468
 Sld Pctrs File : C:\COBRA\COBRA 6.10\BRAC2009.SFF

PERSONNEL SUMMARY FORM: Moody AFB, GA (OSBU)
 534
 3,122

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	44	0	0	0	0	0	44
Students	9	0	0	0	0	0	9
Civilians	80	0	0	0	0	0	80
TOTAL	133	0	0	0	0	0	133

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	23	0	0	0	0	0	23
Civilians	41	0	0	0	0	0	41
TOTAL	64	0	0	0	0	0	64

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	25	0	0	0	0	0	25
TOTAL	25	0	0	0	0	0	25

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	2	0	0	0	0	0	2
TOTAL	2	0	0	0	0	0	2

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

Department :
 VAECOBRA 6.10 Update RPT with IG Changes: EKT0468 COBRA VARS 6.10 5 May 09.CBR
 Scenario File : S:\OFFICIALS\IN\BACAction and Training\Flight Training Subgroup\Scenario EKT 0468 1 Really
 Option Rpt Name: Scenario EKT0468
 Sld Pctrs File : C:\COBRA\COBRA 6.10\BRAC2009.SFF

PERSONNEL SUMMARY FORM: Moody AFB, GA (OSBU)
 406
 2,925

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

PERSONNEL REALIGNMENTS:	2006	2007	2008	2009	2010	2011	Total
Officers	0	0	0	0	0	0	0
Enlisted	0	0	0	0	0	0	0
Students	0	0	0	0	0	0	0
Civilians	0	0	0	0	0	0	0
TOTAL	0	0	0	0	0	0	0

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA V6.10)
 Date As Of 5/5/2005 10:07:15 AM, Report Created 5/5/2005 10:28:36 AM

Department :
 Scenario File : S:\CYPF\NASN_IA\Education and Training\Flight Training Subgroup\Scenario E&T 0046R I really live\COBRA 6.10 Update Env with IG Changes\E&T0046R COBRA VERS 6.10 5 May 05.CBR
 Option Pkg Name: Scenario E&T0046R
 Std Fctrs File : C:\COBRA\COBRA 6.10\BRAC2005.SPF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	283	283	283	283	283	1,417	283
Recap Change	0	266	266	266	266	266	1,331	266
BOS Change	0	0	105	-105	-105	-105	422	-105
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	550	444	444	444	444	2,326	444

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	0	0	0	0	0	0	0
BOS Change	0	0	-1,464	-1,464	-1,464	-1,464	-5,857	-1,464
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	0	-1,464	-1,464	1,464	-1,464	-5,957	-1,464

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	0	0	0	0	0	0	0
Recap Change	0	13	13	13	13	13	64	13
BOS Change	0	0	259	259	259	259	1,038	259
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	13	272	272	272	272	1,102	272

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	8	8	8	8	8	39	8
Recap Change	0	19	19	19	19	19	98	19
BOS Change	0	0	547	547	547	547	2,187	547
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	27	574	574	574	574	2,324	574

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	2	2	2	2	2	9	2
Recap Change	0	19	19	19	19	19	96	19
BOS Change	0	0	-2,200	-2,200	-2,200	-2,200	-8,800	-2,200
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	21	2,179	2,179	-2,179	-2,179	-8,697	-2,179

COBRA SUSTAINMENT/RECAP/BOS/HOUSING CHANGE REPORT (COBRA V6.10) - Page 2
 Date As Of 5/5/2005 10:07:15 AM, Report Created 5/5/2005 10:28:37 AM

Department :
 Scenario File : S:\CYPF\NASN_IA\Education and Training\Flight Training Subgroup\Scenario E&T 0046R I really live\COBRA 6.10 Update Env with IG Changes\E&T0046R COBRA VERS 6.10 5 May 05.CBR
 Option Pkg Name: Scenario E&T0046R
 Std Fctrs File : C:\COBRA\COBRA 6.10\BRAC2005.SPF

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	1	1	1	1	1	3	1
Recap Change	0	1	1	1	1	1	6	1
BOS Change	0	0	185	185	185	185	740	185
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	2	187	187	187	187	750	187

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	7	7	7	7	7	38	7
Recap Change	0	19	19	19	19	19	93	19
BOS Change	0	0	527	527	527	527	2,109	527
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	26	553	553	553	553	2,240	553

Net Change(\$K)	2006	2007	2008	2009	2010	2011	Total	Beyond
Sustain Change	0	266	266	266	266	266	1,328	266
Recap Change	0	195	195	195	195	195	974	195
BOS Change	0	0	2,040	2,040	2,040	2,040	8,162	2,040
Housing Change	0	0	0	0	0	0	0	0
TOTAL CHANGES	0	460	2,501	2,501	2,501	2,501	10,464	2,501

COBRA INPUT DATA REPORT (COBRA V6.10)
Data As of 5/5/2005 10:07:15 AM, Report Created 5/5/2005 10:28:31 AM
Scenario File : S:\CYPRF\OASN\IA\Education and Training\Flight Training Subgroup\Scenario EST 0046P I really
Job Name: Scenario EST0046P
Std Pctrs File : C:\COBRA\COBRA 6.10\BRAC2005.SFF

COBRA INPUT DATA REPORT (COBRA V6.10)
Data As of 5/5/2005 10:07:15 AM, Report Created 5/5/2005 10:28:31 AM
Scenario File : S:\CYPRF\OASN\IA\Education and Training\Flight Training Subgroup\Scenario EST 0046P I really
Job Name: Scenario EST0046P
Std Pctrs File : C:\COBRA\COBRA 6.10\BRAC2005.SFF

INPUT SCREEN ONE - GENERAL SCENARIO INFORMATION
Model Year One : FY 2006
Model does Time-phasing of Construction/Shutdown: Yes

Base Name, ET (Code) Strategy:
Moody AFB, GA (OSEU)
Columbus AFB, MS (EEBZ)
Laughlin AFB, TX (MOP)
Randolph AFB, TX (TYMX)
Sheppard AFB, TX (WNP)
Vance AFB, OK (KTLF)
NAS Pensacola, FL (N02204)

INPUT SCREEN TWO - DISTANCE TABLE
(Only shows distances where personnel or equipment are moving)

Point A: Point B: Distance:
Moody AFB, GA (OSEU) Columbus AFB, MS (EEBZ) 410 MI
Moody AFB, GA (OSEU) Laughlin AFB, TX (MOP) 1,475 MI
Moody AFB, GA (OSEU) Randolph AFB, TX (TYMX) 1,475 MI
Moody AFB, GA (OSEU) Sheppard AFB, TX (WNP) 1,020 MI
Randolph AFB, TX (TYMX) Vance AFB, OK (KTLF) 1,056 MI
NAS Pensacola, FL (N02204) 715 MI

INPUT SCREEN THREE - MOVEMENT TABLE

Transfers from Moody AFB, GA (OSEU) to Columbus AFB, MS (EEBZ)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	45	0	0	0
Enlisted Positions:	0	0	13	0	0	0
Civilian Positions:	0	0	3	0	0	0
Student Positions:	0	0	45	0	0	0
NonVeh Missn Eqp (tons):	0	0	27	0	0	0
Suppt Eqp (tons):	0	0	1	0	0	0
Military Light Vehicles:	0	0	1	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from Moody AFB, GA (OSEU) to Laughlin AFB, TX (MOP)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	44	0	0	0
Enlisted Positions:	0	0	5	0	0	0
Civilian Positions:	0	0	50	0	0	0
Student Positions:	0	0	45	0	0	0
NonVeh Missn Eqp (tons):	0	0	48	0	0	0
Suppt Eqp (tons):	0	0	10	0	0	0
Military Light Vehicles:	0	0	1	0	0	0
Heavy/Special Vehicles:	0	0	0	0	0	0

Transfers from Moody AFB, GA (OSEU) to Randolph AFB, TX (TYMX)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	27	0	0	0
Enlisted Positions:	0	0	2	0	0	0
Civilian Positions:	0	0	41	0	0	0
Student Positions:	0	0	23	0	0	0
NonVeh Missn Eqp (tons):	0	0	44	0	0	0
Suppt Eqp (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 Moody AFB, GA (OSEU) to Sheppard AFB, TX (WNP)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	21	0	0	0
Enlisted Positions:	0	0	2	0	0	0
Civilian Positions:	0	0	35	0	0	0
Student Positions:	0	0	43	0	0	0
NonVeh Missn Eqp (tons):	0	0	0	0	0	0
Suppt Eqp (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 Moody AFB, GA (OSEU) to Vance AFB, OK (KTLF)

	2006	2007	2008	2009	2010	2011
Officer Positions:	0	0	42	0	0	0
Enlisted Positions:	0	0	6	0	0	0
Civilian Positions:	0	0	42	0	0	0
Student Positions:	0	0	39	0	0	0
NonVeh Missn Eqp (tons):	0	0	17	0	0	0
Suppt Eqp (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

Department : S:\CYPRDAS\NVA\Information and Training\Subcomp\Scenario BRT 008R 1 really
 Option Pkg Name: Scenario ERT004R
 Std Fcsts File: C:\COBRA\COBRA 6.11\BVA\005.SFF
 INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Randolph AFB, TX (TYMX)

Year	1-Time Unique Cost (\$K)	1-Time Moving Cost (\$K)	1-Time Moving Save (\$K)	EMV Non-Milcon Req'd (\$K)	Active Mission Cost (\$K)	Misc Contract Start (\$K)	Misc Contract Term (\$K)	Supr Contract Term (\$K)	Misc Requiring Cost (\$K)	One-Time IT Costs (\$K)	Construction Schedule (\$)	Shutdown Schedule (\$)	Misc Milcon Avoidance (\$K)	Procurement Avoidance (\$K)	MTC Closure Action:
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	None Fac SHDR(KSF):
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Department : S:\CYPRDAS\NVA\Information and Training\Subcomp\Scenario BRT 008R 1 really
 Option Pkg Name: Scenario ERT004R
 Std Fcsts File: C:\COBRA\COBRA 6.11\BVA\005.SFF
 INPUT SCREEN FIVE - DYNAMIC BASE INFORMATION

Name: Columbus AFB, MS (REB2)

Year	1-Time Unique Cost (\$K)	1-Time Moving Cost (\$K)	1-Time Moving Save (\$K)	EMV Non-Milcon Req'd (\$K)	Active Mission Cost (\$K)	Misc Contract Start (\$K)	Misc Contract Term (\$K)	Supr Contract Term (\$K)	Misc Requiring Cost (\$K)	One-Time IT Costs (\$K)	Construction Schedule (\$)	Shutdown Schedule (\$)	Misc Milcon Avoidance (\$K)	Procurement Avoidance (\$K)	MTC Closure Action:
2006	0	0	0	0	0	0	0	0	0	0	0	0	0	0	None Fac SHDR(KSF):
2007	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2008	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2009	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2010	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
2011	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

Department :
Scenario File : S:\CYPF\DASN_IA\Education and Training\Flight Training Subgroup\Scenario E&T 0046R I really
ve\COBRA 6.10 Update Env with IG Changes\E&T0046R COBRA VERS 6.10 5 May 05.CBR
ption Pkg Name: Scenario E&T0046R
Std Pctrs File : C:\COBRA\COBRA 6.10\BRAC2005.SFF

base for Contracted Logistic Support (CLS).

Env Non-MILCON Required:
- AF/ILE: \$318K in 2006 for NEPA Costs, \$200K in 2007 for Waste Program (\$100K) & Air Permit Revision (\$100K).

Laughlin AFB:

One-time unique costs: AF/ILE:
- \$320K: CASS island equipment purchase
- \$320K: MFH privatization

One-Time IT costs (\$K): AF/ILC:
- \$176 IT infrastructure cost to connect 2 new facilities to existing IT backbone
- \$334 IT item (phones, STEs, PCs, wireless & LMRs) costs for a 180 person gain

Misc. Recurring Savings (\$K):
- \$1038 Savings as a result of the elimination of flight training PCS and TDY costs.

Env Non-MILCON Required:
- AF/ILE: \$318K in 2006 for NEPA Costs, \$200K in 2007 for Waste Program (\$100K) & Air Permit Revision (\$100K).

Randolph AFB

One-time unique costs (\$K):
- \$7,600 - AF/ILE: Procurement of 2 T-38 WSTs

One-Time Moving Costs (\$K)
\$1929 - AF/ILG: NAV/EWO simulator data trans cost

Env Non-MILCON Required:
- AF/ILE: \$180K in 2006 for NEPA Costs, \$112K in 2007 for Waste Program (\$56K) & Air Permit Revision (\$56K).

Sheppard AFB

Env Non-MILCON Required:
- AF/ILE: \$280K in 2006 NEPA Costs.

Misc. Recurring Savings (\$K):
- \$1038 Savings as a result of the elimination of flight training PCS and TDY costs.

Misc. Recurring Costs (\$K):
- \$898.19 Contract Maintenance Increase due to mission move from an in-house base to a contracted base for CLS.

Vance AFB

One-time unique costs (\$K):
- \$7,736 - AF/IL: \$7,600 Procurement of 2 T-38 WST, \$136 MFH privatization
- \$46 - AF/ILE: System Furniture costs from the HISTORICAL CONSTRUCTION COST HANDBOOK FEB 2004-SUPPORTING FACS. (Used \$46 because this was the Air Force entry although comments cites \$58)

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<u>General Environmental Impacts</u>	
Environmental Resource Area	Laughlin
Air Quality	Laughlin is in area that is in attainment for all criteria pollutants. A significant air permit revision may be required.
Cultural/ Archeological/ Tribal Resources	Laughlin contains archeological sites and areas with a high potential for archeological sites that constrain operations and that have the potential to impact future development
Dredging	No impact.
Land Use Constraints/ Sensitive Resource Areas	Military Munitions Response Program sites exist on the installation and may represent a safety hazard for future development.
Marine Mammals/ Marine Resources/ Marine Sanctuaries	No impact
Noise	Noise contours will need to be re-evaluated as a result of the change in mission. The AICUZ reflects the current mission, local land use, current noise levels. 7403 acres off-base within the noise contours are zoned by the local community. 49 of these acres are residentially zoned.
Threatened& Endangered Species/ Critical Habitat	No T&E species or critical habitats exist. No impact to T&E species is expected.
Waste Management	Modification of the hazardous waste program may be necessary.
Water Resources	The state requires a permit for withdrawal of groundwater.
Wetlands	Wetlands restrict 4% of the base. Wetlands already restrict operations. Additional operations may impact wetlands, which may restrict operations

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<u>Impacts of Costs</u>	
	Laughlin
Environmental Restoration	DERA money spent through FY03 (\$K): 12576 Estimated CTC (\$K): 9912 DO NOT ENTER IN COBRA
Waste Management	FY07 Modify Waste Program Scenario \$100K / Cumulative \$100K
Environmental Compliance	FY06 NEPA cost: Scenario \$318K / Cumulative \$318K FY07 Significant Air Permit Revision Scenario \$100K / Cumulative \$100K