



BRAC 95
Undergraduate
Pilot Training
Joint Cross-
Service Group

Book 10

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

- PURPOSE:** To document the answer to Facilities question number (A.7.a) through (A.7.j)
- SOURCE:** International Station Meteorological Climate Summary, version 2.0, June 1992
- METHOD:** Extract data from source document
- CONCLUSION:**
- a. Percentage of time WX at or above 200/1/2? 99.3
 - b. Percentage of time WX at or above 300/1? No records kept
 - c. Percentage of time WX at or above 500/1? No records kept
 - d. Percentage of time WX at or above 1000/2? 94.2
 - e. Percentage of time WX 3000/5 and above? No records kept
 - f. Percentage of time WX 3000/3 and above? 75.1
 - g. Percentage of time WX 1500/3 and above? 87.5
 - h. Percentage of time crosswind component to the primary runway at or below 15 knots? No records kept
 - i. Percentage of time crosswind component to the primary runway at or below 25 knots? No records kept
 - j. Mean number of days of icing in the local flying area? No records kept

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Date 4 Oct 94
Signature
Douglas S. Clark, Capt, HQ AETC/XOSW, 487-5080
Typed Name, Rank, Office Symbol, DSN Number

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (F.1).

SOURCE: See base worksheet.

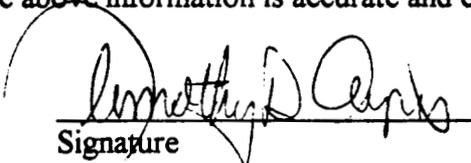
METHOD: See base worksheet.

CONCLUSION: This worksheet was generated to correct the base's response in the last column. See NOTE below the table for the rationale.

Month	% of Hours VMC	% of Hours IMC	% of Hours Below 500 ft Ceilings and 1.0 Mile Visibility	% of All Sorties Rescheduled/Canceled Due to Weather
Jan.	81.9	18.1	4.3	See note.
Feb.	79.5	20.5	3.7	See note.
Mar.	83.0	17.0	1.8	See note.
Apr.	84.6	15.4	2.0	See note.
May	87.6	12.4	0.4	See note.
June	92.5	7.5	0.2	See note.
July	92.2	5.8	0	See note.
Aug.	96.5	3.5	0	See note.
Sept.	94.4	5.6	0	See note.
Oct.	90.1	9.9	0.9	See note.
Nov.	84.2	15.8	3.9	See note.
Dec.	81.6	18.4	2.3	See note.

NOTE: During T-41 operations, weather attrition data was not tracked by month, only by year. T-3A weather attrition data will be tracked by month; however, at this time insufficient data exists to answer this question.

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature _____ Date 30 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (F.2).

SOURCE: Major Timothy D. Ayres, HQ AETC/XOPU, 487-3390; Capt Eric C. Savage, 3 FTS/DOO, 473-3120; Major Gerald Groebe, HQ AETC/XOTI, 487-6341.

METHOD: Professional judgment/knowledge.

CONCLUSION: This worksheet was generated to correct the base's response.

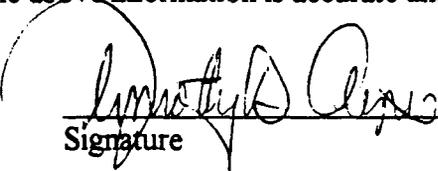
ANSWER: HQ AETC does not have an official weather attrition planning factor for flight screening operations at Hondo.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 30 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX

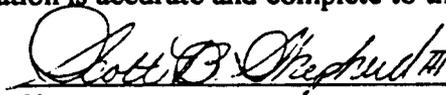
PURPOSE: To document the answer to Future Requirements question number (B.9)

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378

METHOD: Telephone conversation

CONCLUSION: Flight Screening at Hondo Municiple Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the US Air Force. There is no AICUZ study for Hondo Airport.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

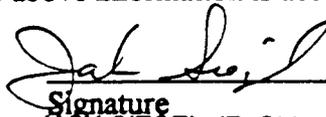
 Date 18 Aug 94

Signature

SCOTT B. SHEPHERD, GS-11, 12 CES/CEV, 487-7265

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 18 Aug 94

Signature

JACK SIEGEL, JR., GM-13, AETC/CEPR, 487-6352

Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Air Field

PURPOSE: To document the answer to Future Requirements question number (B.11.f) and (B.11.f.1)

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378
Scott B. Shepherd, GS-11, 12 CES/CEV, 487-4668

METHOD: Telephone conversation with Hondo City Officials, Professional Judgement and Knowledge.

CONCLUSION:

B.11.f: Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities including the use of the runway to the US Air Force. There is no AICUZ study for Hondo Airport. Therefore, clearzones acquisition by the Air Force is not applicable at Hondo Air Field.

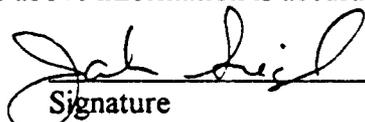
B.11.f.1: Not Applicable

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature

Scott B. Shepherd, GS-11, 12 CES, CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 18 Aug 94
Signature

Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



6 001 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR THE CHAIRMAN, JOINT CROSS-SERVICE GROUP FOR
UNDERGRADUATE PILOT TRAINING

FROM: SAF/MII

SUBJECT: Air Force Data Input to the Joint Cross-Service Group (JCSG) for UPT

Attached is validated Air Force data submitted to answer the 28 Sep 94 supplemental data call (Atch 2). This information will enable the JCSG for UPT to determine the functional value of Air Force flight training activities. All the data has been certified in accordance with the Air Force Internal Control Plan. Outstanding supplemental data calls are dated 27 Sep 94 and 30 Sep 94. Questions can be referred to Lt Col Mark Bruggemeyer, HQ USAF/RTR, 54578.

JAMES F. BOATRIGHT
Deputy Assistant Secretary of the Air Force
(Installations)

Attachments:

1. Selected Question List, 28 Sep 94
2. AETC Response to 28 Sep 94 Questions

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

PURPOSE: To document the answer to Facilities question number (A.7.a) through (A.7.j)

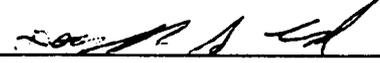
SOURCE: International Station Meteorological Climate Summary, version 2.0, June 1992

METHOD: Extract data from source document

CONCLUSION:

- a. Percentage of time WX at or above 200/1/2? 99.3
- b. Percentage of time WX at or above 300/1? No records kept
- c. Percentage of time WX at or above 500/1? No records kept
- d. Percentage of time WX at or above 1000/2? 94.2
- e. Percentage of time WX 3000/5 and above? No records kept
- f. Percentage of time WX 3000/3 and above? 75.1
- g. Percentage of time WX 1500/3 and above? 87.5
- h. Percentage of time crosswind component to the primary runway at or below 15 knots? No records kept
- i. Percentage of time crosswind component to the primary runway at or below 25 knots? No records kept
- j. Mean number of days of icing in the local flying area? No records kept

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.



Signature
Douglas S. Clark, Capt, HQ AETC/XOSW, 487-5080
Typed Name, Rank, Office Symbol, DSN Number

FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (F.1).

SOURCE: See base worksheet.

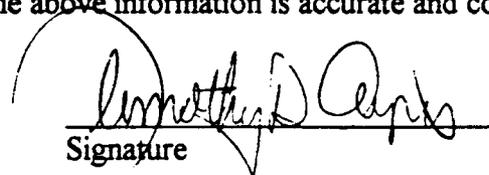
METHOD: See base worksheet.

CONCLUSION: This worksheet was generated to correct the base's response in the last column. See NOTE below the table for the rationale.

Month	% of Hours VMC	% of Hours IMC	% of Hours Below 500 ft Ceilings and 1.0 Mile Visibility	% of All Sorties Rescheduled/Canceled Due to Weather
Jan.	81.9	18.1	4.3	See note.
Feb.	79.5	20.5	3.7	See note.
Mar.	83.0	17.0	1.8	See note.
Apr.	84.6	15.4	2.0	See note.
May	87.6	12.4	0.4	See note.
June	92.5	7.5	0.2	See note.
July	92.2	5.8	0	See note.
Aug.	96.5	3.5	0	See note.
Sept.	94.4	5.6	0	See note.
Oct.	90.1	9.9	0.9	See note.
Nov.	84.2	15.8	3.9	See note.
Dec.	81.6	18.4	2.3	See note.

NOTE: During T-41 operations, weather attrition data was not tracked by month, only by year. T-3A weather attrition data will be tracked by month; however, at this time insufficient data exists to answer this question.

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature

Date 30 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (F.2).

SOURCE: Major Timothy D. Ayres, HQ AETC/XOPU, 487-3390; Capt Eric C. Savage, 3 FTS/DOO, 473-3120; Major Gerald Groebe, HQ AETC/XOTI, 487-6341.

METHOD: Professional judgment/knowledge.

CONCLUSION: This worksheet was generated to correct the base's response.

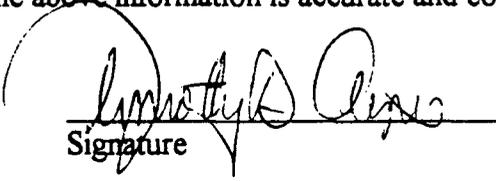
ANSWER: HQ AETC does not have an official weather attrition planning factor for flight screening operations at Hondo.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 30 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX

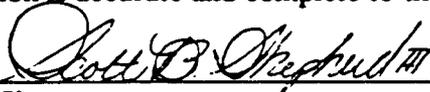
PURPOSE: To document the answer to Future Requirements question number (B.9)

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378

METHOD: Telephone conversation

CONCLUSION: Flight Screening at Hondo Munciple Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the US Air Force. There is no AICUZ study for Hondo Airport.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 18 Aug 94
Signature

SCOTT B. SHEPHERD, GS-11, 12 CES/CEV, 487-7265

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 18 Aug 94
Signature

JACK SIEGEL, JR., GM-13, AETC/CEPR, 487-6352

Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Air Field

PURPOSE: To document the answer to Future Requirements question number (B.11.f) and (B.11.f.1)

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378
Scott B. Shepherd, GS-11, 12 CES/CEV, 487-4668

METHOD: Telephone conversation with Hondo City Officials, Professional Judgement and Knowledge.

CONCLUSION:

B.11.f: Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities including the use of the runway to the US Air Force. There is no AICUZ study for Hondo Airport. Therefore, clearzones acquisition by the Air Force is not applicable at Hondo Air Field.

B.11.f.1: Not Applicable

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94

Signature

Scott B. Shepherd, GS-11, 12 CES/CEV, 487-4668

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 18 Aug 94

Signature

Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352

Typed Name, Rank, Office Symbol, DSN Number

FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (F.1).

SOURCE: See base worksheet.

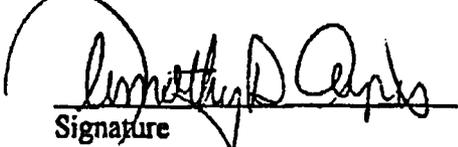
METHOD: See base worksheet.

CONCLUSION: This worksheet was generated to correct the base's response in the last column. See NOTE below the table for the rationale.

Month	% of Hours VMC	% of Hours IMC	% of Hours Below 500 ft Ceilings and 1.0 Mile Visibility	% of All Sorties Rescheduled/Canceled Due to Weather
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Feb.	79.5	20.5	3.7	See note.
Mar.	83.0	17.0	1.8	See note.
Apr.	84.6	15.4	2.0	See note.
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June	92.5	7.5	0.2	See note.
July	92.2	5.8	0	See note.
Aug.	96.5	3.5	0	See note.
Scpt.	94.4	5.6	0	See note.
Oct.	90.1	9.9	0.9	See note.
Nov.	84.2	15.8	3.9	See note.
Dec.	81.6	18.4	2.3	See note.

NOTE: During T-41 operations, weather attrition data was not tracked by month, only by year. T-3A weather attrition data will be tracked by month; however, at this time insufficient data exists to answer this question.

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 30 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (F.2).

SOURCE: Major Timothy D. Ayres, HQ AETC/XOPU, 487-3390; Capt Eric C. Savage, 3 FTS/DOO, 473-3120; Major Gerald Groebe, HQ AETC/XOTI, 487-6341.

METHOD: Professional judgment/knowledge.

CONCLUSION: This worksheet was generated to correct the base's response.

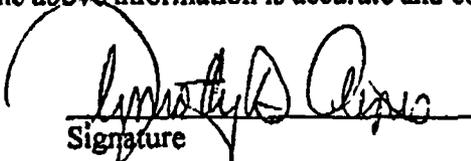
ANSWER: HQ AETC does not have an official weather attrition planning factor for flight screening operations at Hondo.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 30 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport, TX

PURPOSE: To document the answer to Facilities question number (A.7.a) through (A.7.j)

SOURCE: International Station Meteorological Climate Summary, version 2.0, June 1992

METHOD:

CONCLUSION:

- a. Percentage of time WX at or above 200/1/2? 99.3
- b. Percentage of time WX at or above 300/1? N/A
- c. Percentage of time WX at or above 500/1? N/A
- d. Percentage of time WX at or above 1000/2? 94.2
- e. Percentage of time WX 3000/5 and above? N/A
- f. Percentage of time WX 3000/3 and above? 75.1
- g. Percentage of time WX 1500/3 and above? 87.5
- h. Percentage of time crosswind component to the primary runway at or below 15 knots? N/A
- i. Percentage of time crosswind component to the primary runway at or above 25 knots? N/A
- j. Mean number of days of icing in the local flying area? N/A

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature] Date 23 Sep 94
 Signature
 DOUGLAS S. CLARK, Captain, USAF 487-5080
 Chief, Evaluation Section, Weather Branch

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date _____

 Typed Name, Rank, Office Symbol, DSN Number



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



28 SEP 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR THE CHAIRMAN, JOINT CROSS-SERVICE GROUP FOR
UNDERGRADUATE PILOT TRAINING

FROM: SAF/MII

SUBJECT: Air Force Data Input to the Joint Cross-Service Group on UPT

Attached is validated Air Force data submitted to answer your selected questions for Hondo Field, TX and Falcon Field, USAF Academy, CO. These questions represent time sensitive portions of the "Capacity Analysis" data call, and are provided to determine the capacity value of Flight Screening activities at the two sites. Previously I submitted information derived from the "Military Value Analysis" data calls (Atch 2). All the data has been certified in accordance with the Air Force Internal Control Plan.

The complete Military Value and Capacity Analysis Data Calls for Hondo Field and Falcon Field will be sent to HQ USAF/RT shortly. Following receipt and certification of the data calls at the Air Staff level, I will forward them to you. Questions can be referred to Lt Col Mark Bruggemeyer, HQ USAF/RTR, 54578.

JAMES F. BOATRIGHT
Deputy Assistant Secretary of the Air Force
(Installations)

Attachments:

1. Selected Capacity Analysis Question List
2. SAF/MII memo, 2 Sep 94 (No Atch's)
3. Hondo Field Data
4. Falcon Field Data

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni TX

PURPOSE: To document the answer to Mission Requirements question number (A.5).
SOURCE: Command Historical Database and Contractor Historical Data.
METHOD: Extract data from above source.
CONCLUSION: See attachment from contractor records.

Syllabus of Training	Level of Training	Graduates		
		FY 91	FY 92	FY 93
Fit Screening	Primary	207	266	195

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Eric C. Savage Date 21 SEP 94

Signature

ERIC C. SAVAGE, Capt, 3 FTS/DOO, 473-2120

Typed Name, Rank, Office Symbol, DSN Number

MAICOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Lawrence W. Marvin, III Date 21 SEP 94

Signature

LAWRENCE W. MARVIN, III, MAJ, 619TRSS/ADO, 487-2045

Typed Name, Rank, Office Symbol, DSN Number

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Municipal Airfield, TX

PURPOSE: To document the answer to Facilities question number (A.2)

SOURCE: Capt Eric C. Savage, 3 FTS/DOO, DSN 473-3120

METHOD: Extraction and approximation of Historical Data. Hours flown was only information available. A conversion of hours to sorties was made using an average number of students entering and graduating training times the number of missions each student is allotted. Assumptions used are:

ASD=1.2; 1991 Students Average = 201; 1992 Student Average = 174; 1993 Student Average = 112; Remaining sortis will be logged as Training Support and Other sorties. Non-operational hours were not tracked during the requested timeframe. Note: Sortie reduction towards 1993 was for the transition to the T-3A aircraft.

CONCLUSION:

TYPE AIRCRAFT: T-41

		FY 1991	FY 1992	FY 1993
Operational Sorties	Flight Screening	2211	1914	1232
	Training Support/Other Sorties	218	161	108
	TOTAL SORTIES:	2429	2075	1340

TOTAL SORTIES = 5844

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date _____

 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 _____ Date 20 Sep 94
 Signature
 CHRISTOPHER A. SEAYER, Maj, 19 AF/DOT, 487-5862
 Typed Name, Rank, Office Symbol, DSN Number

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FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Municipal Airfield, TX

PURPOSE: To document the answer to Mission Requirements question number (B.2).

SOURCE: 19 AF Syllabus S-V8A-E, Enhanced Flight Screening Program, Feb 1994;
 19 AF Syllabus, F-V5A-F, T-3A Pilot Instructor Training, Feb 1994;
 Contractor Historical Data Sheet

METHOD: Extract data from above source.

CONCLUSION: NOTE: There are currently no student or IP requirements for night flying.
 Also, Overhead is projected based on student sorties being .84 of total projected flying.

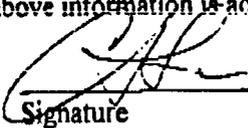
Syllabus of Training * (EXAMPLES)	Level (Track) of Pilot Training *	Trainer Aircraft *	Sorties required per graduate					
			Student (syllabus)		Overhead ¹		Total	
			Day	Night	Day	Night	Day	Night
S-V8A-E Enhanced Flight Screening Program	Flight Screening	T-3A	19	0	5	0	24	0
F-V5A-F T-3A Pilot Instructor Training	Advanced	T-3A	18	0	5	0	23	0

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date _____

 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature Date 21 Sep 94

CHRISTOPHER A. SEAVER, 19 AF/DOT, 487-5862
 Typed Name, Rank, Office Symbol, DSN Number

¹ Overhead includes extra flights due to unsatisfactory performance, maintenance flights, incomplete flights, instructor training flights, warm-up flights, and instrument check flights.

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni TX**

PURPOSE: To document the answer to Mission Requirements question number (A.1).

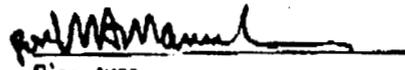
SOURCE: Program Guidance Letter (PGL), dated Mar 94

METHOD: Extract data from above source.

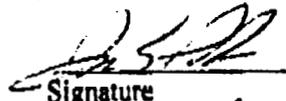
CONCLUSION:

Type of Pilot Training by Syllabus (EXAMPLES)		Output Requirements, Attrition Factors, and Average Daily Student Load (ADSL) (include attrition factors used to establish entries to achieve output) (Output/Attrition Factor(%)/ADSL)							
		By Fiscal Year							
		1994	1995	1996	1997	1998	1999	2000	2001
Flight Screening	USAF	367/25 /38	508/25 /50	694/25 /68	792/25 /74	1012/25 /95	1473/25 /138	1573/25 /148	1623/25 /152
Etc.									

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 Sep 94
Signature
ERIC C. SAVAGE, Capt. 3ETS/LXX, 473-3120
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 21 Sep 94
Signature
JAMES E. PARKER, MAJ, APTC/OTI/462-6591
Typed Name, Rank, Office Symbol, DSN Number

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Muni, TX

PURPOSE: To document the answer to Facilities question number (A.16).

SOURCE: ATC analyst of the Enhanced Flight Screening Program (EFS) and various "What If" drills. Briefing prepared and presented 8 July 92.

METHOD: EFS program at Hondo Muni sized to match a 900 active duty UPT rate. Facilities have been modified to support and aircraft are being produced. Total Hondo aircraft buy is 57 aircraft with a programmed Utilization Rate (UTE) of 36. This equates to a annual sortie generation capability of 24,624 sorties.

CONCLUSION:

Syllabus of Training	Level (Track) of Pilot Training	Trainer Aircraft	Maximum Sorties
Flight Screening	Accession	T-3A	24,624 sorties/year

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date _____

 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Gerald R. Groebe Date 21 SEP 94
 Signature

Gerald R. Groebe, Maj, AETC/XOTI, DSN 487-6341
 Typed Name, Rank, Office Symbol, DSN Number

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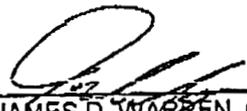
CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

PURPOSE: To document the answer to facilities question number (A.10).
SOURCE: Historical traffic count information obtained from HQ AETC/XOSA
METHOD: Extract data
CONCLUSION: See table

FY 1991	FY 1992	FY 1993
50259	43302	34565

NOTE: Traffic count by runway isn't available. Numbers are combined 17L/R and 35 L/R.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


19 Sep 94
JAMES D. WARREN, Capt, 12OSS/DOF, 487-5881

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 20 SEP 94
CARL L. CLAUS, CAPT, AETC/XOSA, 487-6162

100000 = 128126
OPS
SITE
135126 (Total)
5844 (Total)
21.9

21.9 x 24 ^{ops/site} _{grad} = 526 ^{ops}/_{grad}

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Facilities question number (A.9)

SOURCE: International Station Meteorological Climate Summary, Version 2.0, June 1992; FAA AC 150/5060-5, Airport Capacity and Delay Manual, 23 Sep 83.

METHOD: Extract data from above sources.

CONCLUSION: This worksheet was generated to add a weather attrition factor into the calculations.

Hondo does not track weather attrition data. However, since Flight Screening is a day, VFR-only operation, an approximation was derived by calculating the percentage of daylight hours below a 1,500-foot ceiling and below 3 miles visibility.

The answer is 191.9.

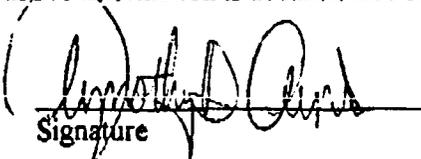
The calculations are as follows:

Average Daily Capacity - $(206.6 \times 9) = 1859.4$
 Average Yearly Capacity = $[190 - (.071 \times 190)] \times 1859.4 = 328,202.7$
 Average Hourly Capacity - $(328,202.7 : 190) : 9 = 191.9$

VFR operations per hour is 206.6.
 Traffic split is 100% VFR.
 Weather attrition is 7.1%.
 Average operating period 9 hours.

191.9 x 12 x 1000 = 2302800

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 21 Sep 94
 Signature

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Municipal Airfield, TX

PURPOSE: To document the answer to Mission Requirements question number (B.1).

SOURCE: 19 AF Syllabus S-V8A-E, Enhanced Flight Screening Program, Feb 1994,
 Capt Eric Savage, 3 FTS/DOT, DSN 473-3120

METHOD: Extract data from above sources

CONCLUSION:

Syllabus of Training: S-V8A-E (Enhanced Flight Screening Program)

Type Aircraft: T-3

Type of Airspace	# Sorties per Graduate	Flight Time in Airspace/Sorties	Vertical Altitude	Other Types of Usable Airspace	Avg Size (nm ²)	Total Flight Hours per Graduate
MOA						
PAT	19	0.5	1		25	9.5
AW						
ATCAA						
OVA						
OWAW						
WA						
AA	19	.63	4.5		36	12.0
RA						
RR						
MTR						

*Black box
 given*

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date _____

 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature]
 Signature Date *21 Sep 94*

CHRISTOPHER A. SEAVER, Maj, 19 AF/DOT, 487-5862
 Typed Name, Rank, Office Symbol, DSN Number

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Municipal Airfield, TX

PURPOSE: To document the answer to Mission Requirements question number (B.1).

SOURCE: 19 AF Syllabus F-V5A-F, T-3A Pilot Instructor Training, Feb 1994,
 Capt Eric Savage, 3 FTS/DOT, DSN 473-3120

METHOD: Extract data from above sources

CONCLUSION:

Syllabus of Training: F-V5A-F (T-3A Pilot Instructor Training)

Type Aircraft: T-3

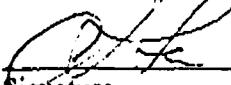
Type of Airspace	# Sorties per Graduate	Flight Time in Airspace/Sorties	Vertical Altitude	Other Types of Usable Airspace	Avg Size (nm ²)	Total Flight Hours per Graduate
MOA						
PAT	18	0.5	1		25	9.0
AW						
ATCAA						
OWA						
OWAW						
WA						
AA	18	.82	4.5		36	14.8
RA						
RR						
MTR						

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date

 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature Date 21 Sep 94

CHRISTOPHER A. SEAVER Maj. 19 AF/DOT, 487-5862
 Typed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX**

PURPOSE: To document the answer to Facilities question number (B.1)

SOURCE: Base Airspace Manager, Capt Ogden, 12 OSS/DOFR, DSN 487-5580.
Professional judgement/knowledge.

METHOD: Extract data from above sources.

CONCLUSION:

Syllabus of Training	Level of Training	Trainer Aircraft	# Workable Blocks of Airspace	Type of Airspace	Avg Block Dimensions	Avail. (Hrs/Yr)/Block
Screening	Accession	T-3A	30	CLG	6NM x 6 NM	2520*

*Availability is based on daylight hours only for T-3A purposes. However, since the airspace is uncontrolled, it is available 24 hours per day for aircraft so equipped.

30 x 2
Accession (Accession)

87120 Block

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Daryl A. Ogden Date 20 Sep 94
Signature

Daryl A. Ogden, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 20 SEP 94
Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Municipal Airfield, TX

PURPOSE: To document the answer to Mission Requirements question number (C.1)

SOURCE: 19 AF Syllabus S-V8A-E, Enhanced Flight Screening Program, Feb 1994
 19 AF Syllabus F-V5A-F, T-3A Pilot Instructor Training, Feb 1994

METHOD: Extract data from above sources.

CONCLUSION:

CCN: 171211

*Classroom hrs
 7100*

Syllabus of Training	Level of Training	Facility Type(s)	Requirement (Hrs/Grad)
S-V8A-E Enhanced Flight Screening Program	Entry	Academic Training Classrooms	14.0
S-V8A-E Enhanced Flight Screening Program	Entry	Flight Line Briefing Rooms	11.5
F-V5A-F T-3A Pilot Instructor Training	Graduate	Academic Training Classroom	15.0
F-V5A-F T-3A Pilot Instructor Training	Graduate	Flight Line Briefing Rooms	12.0

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Signature Date _____

 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature] _____ Date *20 Sep 94*
 Signature

CHRISTOPHER A. SEAYER, Maj, 19 AF/DOT, 487-5862
 Typed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni TX**

PURPOSE: To document the answer to Facilities question number (C.1) and (C.2)

SOURCE: Real Property Records (28 Feb 94), Mr. Jeff Blevins, 12 CES/CER, DSN 487-3172, Wing Training Officer, Capt Ron Hall, 3 FTS/DOT, DSN 473-3120, and Wing CE personnel.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies. Show how capacity is derived.

CONCLUSION: Design Capacity = (number of classrooms [2]) X (the capacity measured in students per room[30]).

Capacity = (Design Capacity[60]) X (available hours per day[10]) X (available days per year[200]).

See change

Cat Code: 171211

Type Training Facility	Total Number	Design Capacity (PN)	Capacity (Student HRS/YR)
Classroom	2	60	120,000
Flight Rooms	5	150	300,000

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Ron Hall Date 19 Sep 94

Signature

M RON HALL, CAPT, DOT 473-3120

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Timothy D. Ayres Date 20 Sep 94

Signature

TIMOTHY D. AYRES, MAJOR, HQ AETC/XOPU, 487-3394

Typed Name, Rank, Office Symbol, DSN Number

60KSY300 = 116,100 hrs

Classroom

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni TX**

PURPOSE: To document the answer to Mission Requirements question number (E.1)

SOURCE: Planned Delivery Schedule of T-3A Aircraft, Capt Eric C. Savage,
3 FTS/DOO, DSN 473-3120.

METHOD: Extraction.

CONCLUSION:

AIRCRAFT USED FOR TRAINING

Aircraft	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
T-3A	28	36	36	36	36	36	36	36

AIRCRAFT NOT USED FOR TRAINING

N/A - Only T-3A (Training aircraft) are scheduled military aircraft to be assigned to Hondo. Other civil aircraft will be on location, but that is beyond the control of the military.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Eric C. Savage Date 20 Sep 94
Signature

ERIC C. SAVAGE, Capt, 3 FTS/DOO, 473-3120
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Melinda D. Eddington Date 9/21/94
Signature

MELINDA D. EDDINGTON, MAJOR HQ AETC/LGXP DSN 487-4602
Typed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX**

PURPOSE: To document the answer to facilities question number (D.2).
SOURCE: AFR 86-2, Capt Savage, DSN 473-3120
METHOD: Calculate information, apply standards, clarify information through discussion
CONCLUSION: Aircraft square footage requirement calculated on spanXlengthX3.5 IAW AFR 86-2 formula.

Aircraft Type	# of Aircraft	Comments
T-3A	89	270,000ft ² ramp, 3048ft ² per aircraft

*339 SQ YDS
Aircraft*

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature]
 14 Sep 94
 JAMES D. WARREN, Capt. 12066/DOF, 487-5881

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature]
 MELINDA D. EDDINGTON, MAJOR, USAF 9/20/94
 HQ AETC/LGXP, DSN 487-4602

THE ABOVE INFORMATION WAS VALIDATED WITH MR ROBERT HEMP, HQ AETC/LGM

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
... HONDO MUNI TX...**

PURPOSE: To document the answer to Facilities question number (D.4) and (D.5)

SOURCE: Maj Anders, 3 FTS/DO, DSN 473-3120. Aircraft Parking Plan/TAB, AFR 86-2 Standards, and Hangar Floor Plans.

METHOD: Design capacity and personal judgement. Extract data from above sources.

CONCLUSION:

Aircraft Type	# of Aircraft	Comments
T-3	64	Shelters (CCN 141181) are designed to hold 50 aircraft and can't be packed tighter. Maintenance hanger (CCN 211111) and the wash rack can be tight packed to hold an additional 14 aircraft. Assumption on the tight packing is 3 feet between aircraft and any other aircraft/object.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Wayne E Shaw Date 19 Sep 94
 Signature
 DWAYNE E. SHAW, Capt, 12 OSS/ADO, 487-2923
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Melinda D. Eddington Date 9/20/94
 Signature
 MELINDA D. EDDINGTON, MAJOR, USAF, 9/20/94
 Typed Name, Rank, Office Symbol, DSN Number
 HQ AETC/LGXP, DSN 487-4602

THE ABOVE INFORMATION WAS VALIDATED
 WITH MR. ROBERT HFMP, HQ AETC/LGM

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
HONDO MIINI TX**

PURPOSE: To document the answer to Facilities question number (D.6) and (D.7)

SOURCE: Maj Anders, 3 FTS/DO, DSN 473-3120. Aircraft Parking Plan/TAB, AFR 86-2 Standards, and Hangar Floor Plans.

METHOD: Design capacity and personal judgement. Extract data from above sources.

CONCLUSION:

Aircraft Type	# of Aircraft	Comments
T-3	75	The contract will need to be modified to allow for additional maintenance support and manning. Not all aircraft will be shelterable.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Dwayne E. Shaw Date 19 Sept 94
Signature
DWAYNE E. SHAW, Capt, 12 OSS/ADO, 487-2923
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Melinda D. Eddington Date 9/20/94
Signature
MELINDA D. EDDINGTON, MAJOR, USAF 9/20/94
Typed Name, Rank, Office Symbol, DSN Number
HQ AETC/LGXP, DSN 487-4602

THE ABOVE INFORMATION WAS VALIDATED
WITH MR ROBERT HEMP, HQ AETC/LGM

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
HONDO MUNI TX**

PURPOSE: To document the answer to Facilities question number (D.9) and (D.10)

SOURCE: Maj Anders, 3 FTS/DO, DSN 473-3120. Aircraft Parking Plan/TAB, AFR 86-2 Standards, and Hangar Floor Plans.

METHOD: Design capacity and personal judgement. Extract data from above sources.

CONCLUSION:

Aircraft Type	# of Aircraft	Comments
T-3	75	The contract will need to be modified to allow for additional supplies to be maintained.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Dwayne E. Shaw Date 19 Sep 94
Signature
DWAYNE E. SHAW, Capt, 12 OSS/ADO, 487-2923 -
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Melinda D. Eddington Date 9/20/94
Signature
MELINDA D. EDDINGTON, MAJOR, USAF
Typed Name, Rank, Office Symbol, DSN Number
HQ AETC/LGXP, DSN 487-4602

THE ABOVE INFORMATION WAS VALIDATED
WITH MR ROBERT HEMP, HQ AETC/LGM ON 9/20/94

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Municipal Airport TX**

PURPOSE: To document the answer to Features and Capabilities question number (A.1)

SOURCE: J SEYMORE, GS-12, HSG MGR, 12 CES/CEH, 487-3334 Real Property Record (28 Feb 94), AETC Fm 321 as of 31 Mar 94.

METHOD: Extract data from above sources.

CONCLUSION: See attached

Facility Type, Bldg. # & Cat Code	Total No. of Beds	Total No. of Rooms	Total people housed
UEPH, 721-312	0	0	0
UEPH, 721-312	0	0	0
UEPH, 721-312	0	0	0

N/A. Flight screening at Hondo Municipal Airport is a contract operation. The City of Hondo leases the flight screening facilities to the US Air Force. There are no BOQ/BEQ Facilities associated with this installation.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Judy Seymore Date 16 Sep 94
Signature

J SEYMORE, GS-12, HSG MGR, 12 CES/CEH, 487-3334
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Algie H. Ennis Date 16 Sep 94
Signature

ALGIE H. ENNIS, GS-12, HQ AETC/CEPH, DSN 487-3123
Typed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Municipal Airport TX**

PURPOSE: To document the answer to Features and Capabilities question number (A.5) and (A.6)

SOURCE: J SEYMORE, GS-12, HSG MGR, 12 CFS/CEH, 487-3334 Real Property Record (28 Feb 94). When completing this worksheet, include the name, rank, DSN number, and office symbol of any person providing answers.

METHOD: Extract data from above sources.

CONCLUSION:

Type Facility	Average Daily Student Load (ADSL)						
	1995	1996	1997	1998	1999	2000	2001
BOQ	0	0	0	0	0	0	0
BEQ	0	0	0	0	0	0	0
On-Base Housing	0	0	0	0	0	0	0
Off-Base Housing	0	0	0	0	0	0	0
Messing	0	0	0	0	0	0	0

N/A. Flight screening at Hondo Municipal Airport is a contract operation. The City of Hondo leases the flight screening facilities to the US Air Force. There are no Student Housing or Messing facilities associated with this installation.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Judy Seymore Date 16 Sept 94
Signature

I SEYMORE GS-12 HSG MGR. 12 CES/CEH 487-3334
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

W.B. Hogan Date 16 Sept 94
Signature

W.B. HOGAN GS-12 HQ AETC/CEPH 487-3133
Typed Name, Rank, Office Symbol, DSN Number

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Features and Capabilities question number (A.5) and (A.6)

SOURCE: See base worksheet.

METHOD: See base worksheet.

CONCLUSION: This worksheet was generated to add clarification to the base's answer.

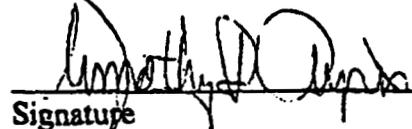
Billeting and messing facilities for students and permanent party personnel are provided by Lackland AFB which is approximately 45 minutes away. The information provided by the base remain unchanged.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 26 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Features and Capabilities question number (A.1)

SOURCE: See base worksheet

METHOD: See base worksheet.

CONCLUSION: This worksheet was generated to add clarification to the base's answer.

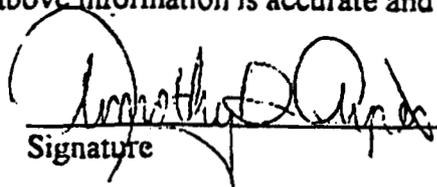
Housing for students and permanent party personnel is provided by Lackland AFB which is approximately 45 minutes away. The information provided by the base remain unchanged.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 26 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo TX

PURPOSE: To document the answer to Mission Requirements question number (E.1)
SOURCE: T-3A Firefly Delivery Schedule, 7 Jun 94.
METHOD: Extract data from above source.
CONCLUSION: This worksheet was generated to correct the base's answer.

AIRCRAFT USED FOR TRAINING

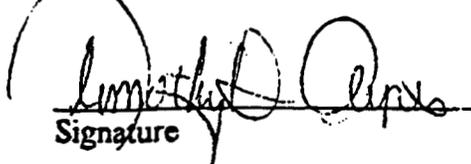
Aircraft	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
T-3A	28	57	57	57	57	57	57	57

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 22 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

FOR OFFICIAL USE ONLY

CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Tx

PURPOSE: To document the answer to Facilities question number (C.1) and (C.2)

SOURCE: See base worksheet.

METHOD: See base worksheet.

CONCLUSION: This worksheet was generated to correct the available days per year. The number should be 246 days per year.

RATIONALE: The average number of O&M days per year is 246.

The new answers are as follows:

Cat Code: 171211

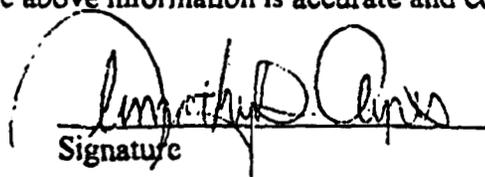
Type Training Facility	Total Number	Design Capacity (PN)	Capacity (Student HRS/YR)
Classrooms	2	60	147,600
Flight Rooms	5	150	369,00

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Signature Date _____

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 22 Sep 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390



DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



OFFICE OF THE ASSISTANT SECRETARY

SEP 02 1994

MEMORANDUM FOR THE CHAIRMAN, JOINT CROSS-SERVICE GROUP FOR
UNDERGRADUATE PILOT TRAINING

SUBJECT: Air Force Data Input to the Joint Cross-Service Group on UPT

Attached is validated Air Force data submitted to answer your selected questions for Hondo Field, TX and Falcon Field, USAF Academy, CO. These questions represent the most time sensitive portions of the "Military Value Analysis" and "Capacity Analysis" data calls, and are provided to determine the functional value of Flight Screening activities at the two sites. Additionally, the joint working group made a request to HQ AETC for data clarification, and that information is also submitted (atch). All the data has been certified in accordance with the Air Force Internal Control Plan.

I have tasked Hondo Field and the USAF Academy to complete the Military Value Analysis and Capacity Analysis data calls by 1 October 1994 in order to provide the remainder of the information you requested. Following receipt and certification of the data calls at the Air Staff level, I will forward them to you. Questions can be referred to Lt Col Mark E. Bruggemeyer, HQ USAF/RTR, 54578.

JAMES F. BOATRIGHT
Deputy Assistant Secretary of the Air Force
(Installations)

Attachments:

1. Selected Question List
2. Hondo Field Data
3. Falcon Field Data
4. Clarification Data, 16 Aug 94

Questions for Flight Screening

Military Value Questionnaire

Mission Requirements

C. Managed Training Areas: #1

F. Weather: #1,2

Facilities

A. Airspace and Flight Training Areas: #10, 14, 15, 17

B. Airfields: #1, 2, 3

C. Ground Training Facilities: #1

D. Aircraft Maintenance Facilities: #1

I. Proximity to Other Support Facilities: #1

J. Unique Features: #1

Future Requirements

A. Air Quality: #2, 3, 4

B. Encroachment: #1, 2, 4, 9, 11d(8), 11f

Manpower Implications

A. Quality of Life: #1a(2), 2, 4

Capacity Analysis

Facilities

A. Airfield: #18

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Muni, TX

PURPOSE: To document the answer to Mission Requirements question number (C.1).

SOURCE: FLIP AP/1A, Special Use Airspace, 11 Nov 93, FLIP AP/1B, Military Training Routes, 28 Apr 94.

METHOD: Extract data from above sources.

CONCLUSION:

Managed Training Assets	Management Role
The Flight Screening unit at Hondo does not manage any other airfields or airspace.	NA

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 28 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX**

PURPOSE: To document the answer to Mission Requirements question number (F.1).

SOURCE: USAFETAC/DS, Oct 91, Maj Kurt S. Anders, 3 FTS/DO, DSN 473-3120.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION:

Month	% of Hours VMC	% of Hours IMC	% of Hours Below 500 ft Ceilings and 1.0 Mile Visibility	% of All Sorties Rescheduled/Cancelled Due to Weather
Jan.	81.9	18.1	4.3	
Feb.	79.5	20.5	3.7	
Mar.	83.0	17.0	1.8	
Apr.	84.6	15.4	2.0	
May	87.6	12.4	0.4	
June	92.5	7.5	0.2	
July	94.2	5.8	0	
Aug.	96.5	3.5	0	
Sept.	94.4	5.6	0	
Oct.	90.1	9.9	0.9	
Nov.	84.2	15.8	3.9	
Dec.	81.6	18.4	2.3	

NOTE: Percentage of sorties rescheduled/cancelled is not tracked. Flight Screening at Hondo is a contract operation and the requirement for this is not in the contract.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis
Signature

Date 22 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus
Signature

Date 22 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

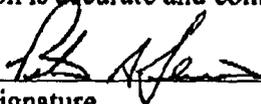
PURPOSE: To document the answer to Mission Requirements question number (F.2).

SOURCE: Maj Kurt S. Anders, 3 FTS/DO, DSN 473-3120.

METHOD: Extract data from above source.

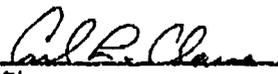
CONCLUSION: This information is not available. Flight Screening at Hondo is a contract operation and the contractor is not required to maintain this information.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Muni, TX

PURPOSE: To document the answer to Facilities question number (A.10).

SOURCE: FLIP IFR Enroute Low Altitude Charts, 18 Aug 94, FLIP AP/1A, Special Use Airspace, 11 Nov 93, FLIP AP/1B, Military Training Routes, 28 Apr 94, San Antonio Sectional Aeronautical Chart, 26 May 94, Annual Special Use Airspace Reports, 1990-1993, Base Airspace Manager, Capt Skowronek, DSN 487-5580, Professional Knowledge/Judgment.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION: See attachments for special use areas.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 28 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

3 Bisecting airways

HONDO

NAME	DIMENSIONS		AREA	ALT	CUBIC		DISTANCE	CNM X DIST
					NM			
A623D	45	40	1800	5000	1480	67	99178	
A635	17	7	119	2500	49	43	2104	
A638	14	8	112	2500	46	61	2809	
RND 1A			1839	13000	3932	78	306702	
RND 1B			644	11000	1165	51	59422	
RND 1C			123	5000	101	60	6069	
RND 2A			1462	12000	2886	1	2886	
RND 2B			330	8000	434	11	4776	
CHASE 1	43	37	1591	7000	1832	67	122727	
LAU 2	25	20	500	9000	740	33	24424	
LAU 3	68	31	2108	11000	3814	35	133484	
CRYSTAL	39	32	1248	12000	2463	45	110842	
CHASE 3	43	37	1591	10000	2617	56	146539	
LAU 1	78	57	4446	13000	9506	70	665438	
A633B			154	3000	76	63	4787	
A633A			707	6000	698	70	48839	

ALERT x .8: 18791
 ALERT TOT: 23489
 WA TOTAL: 0
 MOA TOTAL: 324390
 RES TOTAL: 0
 TOTAL: 347879

ALERT: 1421801
 WA: 0
 MOA: 12754934
 RES: 0
 TOTAL: 14176735

ALERT DIST: 60.5
 WA DIST: 0.0
 MOA DIST: 39.3
 RES DIST: 0.0
 ALL DIST: 40.8

AL/WA/MOA 347879
 AL/MOA 347879
 WA/MOA/RES: 324390
 AL/WA/MOA 343181

14176735
 14176735
 12754934

40.8
FLT SCN DIST: 40.8
 39.3

FLT SCN AREA: AL/MOA 343181

Airspace Designator: A 632D

- a. Type of airspace: ALERT AREA
- b. Dimensions (nmi. x nmi. x ft) 45nm X 40nm X 5000'
- c. Distance from main airfield 67 NM
- d. Time en route from main airfield 27 min at 150 kts
- e. Controlling agency NA
- f. Scheduling agency CINATRA, NAS CORPUS CHRISTI
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service NA
 - By other services (including reserves and national guard) NA
- m. Total number of available hours in FY 1990 thru 1993 7500
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted UNKNOWN

Airspace Designator: A-635

- a. Type of airspace: ALERT AREA
- b. Dimensions (nmi. x nmi. x ft) 17nm X 7nm X 2500'
- c. Distance from main airfield 43 NM
- d. Time en route from main airfield 17 min at 150 kts
- e. Controlling agency Randolph Tower
- f. Scheduling agency Randolph Tower
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? RND
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? RND
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 560,000
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 26624
- n. Total number of scheduled hours in FY 1990 thru 1993 26624
 - By your service 26624
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used 26624
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted IFR/VFR PATTERN

Airspace Designator: A-638

- a. Type of airspace: ALERT AREA
- b. Dimensions (nmi. x nmi. x ft) 14nm X 8nm X 2500
- c. Distance from main airfield 61 NM
- d. Time en route from main airfield 24 min at 150 kts
- e. Controlling agency Randolph Aux RSU
- f. Scheduling agency Randolph Aux RSU
- g. Are canned/stereo airways needed to access air space? YES
 - If so, how many? 4
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? 2 IFR/2 VFR
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Randolph Aux RSU
- j. Number of low level airways (below 18,000 ft) that bisect airspace 1
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993
 - By your service 120,000
 - By other services (including reserves and national guard) 0
- m. Total number of available hours in FY 1990 thru 1993 6240
- n. Total number of scheduled hours in FY 1990 thru 1993 6240
 - By your service 6240
 - By other services (including reserves and national guard) 0
- o. Total number of hours used 6240
 - By your service 6240
 - By other services (including reserves and national guard) 0
- p. Types of training permitted VFR PATTERN

Airspace Designator: RND 1A

- a. Type of airspace: MOA AND OVERLYING ATCAA
- b. Dimensions (nmi. x nmi. x ft): 1839NM X 13000'
- c. Distance from main airfield: 78 NM
- d. Time en route from main airfield: 31 min at 150 kts
- e. Controlling agency: HOUSTON ARTCC
- f. Scheduling agency: 12 OSS/DOFR
- g. Are canned/stereo airways needed to access air space?: YES
 - If so, how many? 8
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?: IFR
- h. Is the airspace under radar coverage?: YES
 - If so who provides the coverage?: HOUSTON ARTCC
- i. Is the airspace under communications coverage?: YES
 - If so who provides the coverage?: HOUSTON ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace: 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace: 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993: UNKNOWN
 - By your service: 25364
 - By other services (including reserves and national guard): UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993: 12480
- n. Total number of scheduled hours in FY 1990 thru 1993: UNKNOWN
 - By your service: 11924
 - By other services (including reserves and national guard): UNKNOWN
- o. Total number of hours used: UNKNOWN
 - By your service: 9296
 - By other services (including reserves and national guard): UNKNOWN
- p. Types of training permitted: ANY TYPE THAT CAN BE ACCOMPLISHED IN
THE ALTITUDE BLOCK

Airspace Designator: RND 1B

- a. Type of airspace: MOA AND OVERLYING ATCAA
- b. Dimensions (nmi. x nmi. x ft): 644 Sq nm x 11,000 ft
- c. Distance from main airfield: 51 NM
- d. Time en route from main airfield: 20 min at 150 kts
- e. Controlling agency: SAN ANTONIO APPROACH
- f. Scheduling agency: 12 OSS/DOFR
- g. Are canned/stereo airways needed to access air space?: YES
 - If so, how many? 1
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? IFR
- h. Is the airspace under radar coverage?: YES
 - If so who provides the coverage?: SAN ANTONIO APPROACH
- i. Is the airspace under communications coverage?: YES
 - If so who provides the coverage?: SAN ANTONIO APPROACH
- j. Number of low level airways (below 18,000 ft) that bisect airspace: 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace: 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993: UNKNOWN
 - By your service: 30432
 - By other services (including reserves and national guard): UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993: 12480
- n. Total number of scheduled hours in FY 1990 thru 1993: UNKNOWN
 - By your service: 11944
 - By other services (including reserves and national guard): UNKNOWN
- o. Total number of hours used: UNKNOWN
 - By your service: 11752
 - By other services (including reserves and national guard): UNKNOWN
- p. Types of training permitted: ANY TYPE THAT CAN BE ACCOMPLISHED IN

THE ALTITUDE BLOCK

Airspace Designator: RND 1C

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft): 123 sq nm x 5000 ft
- c. Distance from main airfield: 60 NM
- d. Time en route from main airfield: 24 min at 150 kts
- e. Controlling agency: SAN ANTONIO APPROACH
- f. Scheduling agency: 12 OSS/DOFR
- g. Are canned/stereo airways needed to access air space?: YES
 - If so, how many? 1
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? IFR
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? SAN ANTONIO APPROACH
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? SAN ANTONIO APPROACH
- j. Number of low level airways (below 18,000 ft) that bisect airspace: 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace: 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993: UNKNOWN
 - By your service: 360
 - By other services (including reserves and national guard): UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993: 12480
- n. Total number of scheduled hours in FY 1990 thru 1993: UNKNOWN
 - By your service: 11944
 - By other services (including reserves and national guard): UNKNOWN
- o. Total number of hours used: UNKNOWN
 - By your service: 168
 - By other services (including reserves and national guard): UNKNOWN
- p. Types of training permitted ANY TYPE THAT CAN BE ACCOMPLISHED IN
THE ALTITUDE BLOCK

Airspace Designator: RND 2A

- a. Type of airspace: **MOA AND OVERLYING ATCAA**
- b. Dimensions (nmi. x nmi. x ft): **1462 sq nm x 12,000'**
- c. Distance from main airfield: **Overhead**
- d. Time en route from main airfield: **N/A**
- e. Controlling agency: **Houston ARTCC**
- f. Scheduling agency: **12 OSS/DOFR**
- g. Are canned/stereo airways needed to access air space? **YES**
 - If so, how many? **7**
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? **IFR**
- h. Is the airspace under radar coverage? **YES**
 - If so who provides the coverage? **HOUSTON ARTCC**
- i. Is the airspace under communications coverage? **YES,**
 - If so who provides the coverage? **HOUSTON**
- j. Number of low level airways (below 18,000 ft) that bisect airspace: **1**
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace **0**
- l. Total number of sorties/movements flown in FY 1990 thru 1993: **Unknown**
 - By your service: **22,230**
 - By other services (including reserves and national guard): **Unknown**
- m. Total number of available hours in FY 1990 thru 1993: **12480**
- n. Total number of scheduled hours in FY 1990 thru 1993: **UNKNOWN**
 - By your service: **11980**
 - By other services (including reserves and national guard):**0**
- o. Total number of hours used: **UNKNOWN**
 - By your service: **7592**
 - By other services (including reserves and national guard): **UNKNOWN**
- p. Types of training permitted: **ANY TYPE THAT CAN BE ACCOMPLISHED IN THE ALTITUDE BLOCK**

Airspace Designator: RND 2B

- a. Type of airspace: MOA and HIGH ATCAA
- b. Dimensions (nmi. x nmi. x ft): 330 sq nm x 8000'
- c. Distance from main airfield: 11 nm
- d. Time en route from main airfield: 4 min at 150 kts
- e. Controlling agency: HOUSTON ARTCC
- f. Scheduling agency: 12 OSS/DOFR
- g. Are canned/stereo airways needed to access air space? YES
 - If so, how many? 3
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? IFR
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? HOUSTON ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? HOUSTON ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace: 1
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace: 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993: UNKNOWN
 - By your service: 5248
 - By other services (including reserves and national guard): unknown
- m. Total number of available hours in FY 1990 thru 1993: 12480
- n. Total number of scheduled hours in FY 1990 thru 1993: UNKNOWN
 - By your service: 11924
 - By other services (including reserves and national guard)0
- o. Total number of hours used: UNKNOWN
 - By your service: 1948
 - By other services (including reserves and national guard): UNKNOWN
- p. Types of training permitted: LOW ALTITUDE NAVIGATION

Airspace Designator: VR-1152

- a. Type of airspace: VR ROUTE
- b. Dimensions (nmi. x nmi. x ft): 6NM X 180NM X 2000'
- c. Distance from main airfield: 30 NM
- d. Time en route from main airfield: 12 min at 150 kts
- e. Controlling agency: 12 OSS/DOFR
- f. Scheduling agency: 12 OSS/DOFR
- g. Arc canned/stereo airways needed to access air space?: YES
 - If so, how many? 2
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? VFR
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?:
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace: 6
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace: 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993: UNKNOWN
 - By your service: 360
 - By other services (including reserves and national guard): UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993: 12480
- n. Total number of scheduled hours in FY 1990 thru 1993: UNKNOWN
 - By your service: 11944
 - By other services (including reserves and national guard): UNKNOWN
- o. Total number of hours used: UNKNOWN
 - By your service: 168
 - By other services (including reserves and national guard): UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR 168

- a. Type of airspace : MTR
- b. Dimensions (nmi. x nmi. x ft) 262nm X 5nm X 2600'
- c. Distance from main airfield 80 NM
- d. Time en route from main airfield 32 min at 150 kts
- e. Controlling agency NAS KINGSVILLE
- f. Scheduling agency NAS KINGSVILLE
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage? NA
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage? NA
- j. Number of low level airways (below 18,000 ft) that bisect airspace 1
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service NA
 - By other services (including reserves and national guard) NA
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-143

- a. Type of airspace: MTR
- b. Dimensions (nmi. x nmi. x ft) 370nm X 14nm X 3500'
- c. Distance from main airfield 85 NM
- d. Time en route from main airfield 34 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency 924 FG/AFRES, BERGSTROM AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 11
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: IR-123

- a. Type of airspace: IR ROUTE
- b. Dimensions (nmi. x nmi. x ft) 364nm X 8nm X 3500'
- c. Distance from main airfield 80 NM
- d. Time en route from main airfield 32 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency 924 DC/AFRES, BERGSTROM AFB
- g. Are canned/stereo airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
- If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
- If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 11
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-156

- a. Type of airspace: MTR
- b. Dimensions (nmi. x nmi. x ft) 234nm X 8nm X 4000'
- c. Distance from main airfield 30 nm
- d. Time en route from main airfield 12 min at 150 kts
- e. Controlling agency 149 FTR GP, KELLY AFB
- f. Scheduling agency 149 FTR GP, KELLY AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many? NA
 - If so, what types (i.e., IFR, VFR, or altitude reservation)? NA
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 2
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: CHASE 1

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 43nm X 37nm X 7000'
- c. Distance from main airfield 67 NM
- d. Time en route from main airfield 27 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency COMTRAWING 2, NAS KINGSVILLE
- g. Arc canned/stereo airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
- If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
- If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY TYPE THAT CAN BE ACCOMPLISHED

IN THE ALTITUDE BLOCK

Airspace Designator: LAUGHLIN 2

- a. Type of airspace : MCA
- b. Dimensions (nmi. x nmi. x ft) 25nm X 20nm X 9000'
- c. Distance from main airfield 33 NM
- d. Time en route from main airfield 13 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency 47 FTW, Laughlin AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY TYPE THAT CAN BE ACCOMPLISHED

IN THE ALTITUDE BLOCK

Airspace Designator: LAUGHLIN 3

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 68nm X 31nm X 11000'
- c. Distance from main airfield 35 NM
- d. Time en route from main airfield 14 min at 150 kts
- e. Controlling agency Del Rio
- f. Scheduling agency 47 FTW Laughlin AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Del Rio Approach
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Del Rio Approach
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY TYPE THAT CAN BE ACCOMPLISHED

IN THE ALTITUDE BLOCK

Airspace Designator: CRYSTAL

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 39nm X 32nm X 12000'
- c. Distance from main airfield 45 NM
- d. Time en route from main airfield 18 min at 150 kts
- e. Controlling agency 149 TFG, Kelly AFB
- f. Scheduling agency Houston ARTCC
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY TYPE THAT CAN BE ACCOMPLISHED

IN THE ALTITUDE BLOCK

Airspace Designator: CHASE 3

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 43nm X 37nm X 10000'
- c. Distance from main airfield 56 NM
- d. Time en route from main airfield 23 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency COMTRAWING 2, NAS KINGSVILLE
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY TYPE THAT CAN BE ACCOMPLISHED

IN THE ALTITUDE BLOCK

Airspace Designator: IR-147

- a. Type of airspace: IR ROUTE
- b. Dimensions (nmi. x nmi. x ft) 102nm X 7nm X 6000'
- c. Distance from main airfield 88 NM
- d. Time en route from main airfield 35 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency COMTRAWING 2, NAS KINGSVILLE
- g. Are canned/stereo airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
- If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
- If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: IR-148

- a. Type of airspace : IR ROUTE
- b. Dimensions (nmi. x nmi. x ft) 176nm X 5nm X 1000'
- c. Distance from main airfield 56 NM
- d. Time en route from main airfield 23 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency COMTRAWING 2, NAS KINGSVILLE
- g. Are canned/stereo airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
- If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
- If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 3
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: IR-149

- a. Type of airspace: IR ROUTE
- b. Dimensions (nmi. x nmi. x ft) 204nm X 8nm X 4000'
- c. Distance from main airfield 20 NM
- d. Time en route from main airfield 8 min at 150 kts
- e. Controlling agency Houston ARTCC
- f. Scheduling agency COMTRAWING 2, NAS KINGSVILLE
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 1
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-1105

- a. Type of airspace: MTR
- b. Dimensions (nmi. x nmi. x ft) 98nm X 8nm X 1000'
- c. Distance from main airfield 30 NM
- d. Time en route from main airfield 12 min at 150 kts
- e. Controlling agency 149 FTR GP, Kelly AFB
- f. Scheduling agency 149 FTR GP, Kelly AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 2
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-1106

- a. Type of airspace: MTR
- b. Dimensions (nmi. x nmi. x ft) 98nm X 8nm X 1000'
- c. Distance from main airfield 70 NM
- d. Time en route from main airfield 28 min at 150 kts
- e. Controlling agency 149 FTR GP, Kelly AFB
- f. Scheduling agency 149 FTR GP, Kelly AFB
- g. Are canned/stored airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
- If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
- If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 2
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-1121

- a. Type of airspace: MTR
- b. Dimensions (nmi. x nmi. x ft) 84nm X 20nm X 1200'
- c. Distance from main airfield 78 NM
- d. Time en route from main airfield 31 min at 150 kts
- e. Controlling agency 924 TFG/DOTO, Bergstrom AFB
- f. Scheduling agency 924 TFG/DOTO, Bergstrom AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 2
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- ii. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-1122

- a. Type of airspace: mtr
- b. Dimensions (nmi. x nmi. x ft) 194nm X 20nm X 1000'
- c. Distance from main airfield 65 NM
- d. Time en route from main airfield 26 min at 150 kts
- e. Controlling agency 924 TFG/DOTO, Bergstrom AFB
- f. Scheduling agency 924 TFG/DOTO, Bergstrom AFB
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
 - If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
 - If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 8
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: VR-1123

- a. Type of airspace : MTR
- b. Dimensions (nmi. x nmi. x ft) 194nm X 20nm X 1000'
- c. Distance from main airfield 75 NM
- d. Time en route from main airfield 30 min at 150 kts
- e. Controlling agency 924 TFG/DOTO, Bergstrom AFB
- f. Scheduling agency 924 TFG/DOTO, Bergstrom AFB
- g. Are ~~canal~~steroid airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., JFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? NO
- If so who provides the coverage?
- i. Is the airspace under communications coverage? NO
- If so who provides the coverage?
- j. Number of low level airways (below 18,000 ft) that bisect airspace 8
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: R-6316

- a. Type of airspace: RESTRICTED AREA
- b. Dimensions (nmi. x nmi. x ft) 5 NM DIAMETER CIRCLE X 14,000'
- c. Distance from main airfield 81 NM
- d. Time en route from main airfield 32 MIN AT 150 KTS
- e. Controlling agency FAA HOUSTON ARTCC
- f. Scheduling agency FAA HOUSTON ARTCC
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES (4,000 MSL and above)
 - If so who provides the coverage? HOUSTON ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? HOUSTON ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 35,064
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted UNKNOWN HAZARDOUS

Airspace Designator: LAUGHLIN 1 MOA

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 78 NM X 57 NM X 13,000'
- c. Distance from main airfield 70 NM
- d. Time en route from main airfield 28 MIN. AT 150 KTS
- e. Controlling agency FAA HOUSTON ARTCC
- f. Scheduling agency 47 FTW, LAUGHLIN AFB, TX
- g. Are canned/stereo airways needed to access air space? NO
- If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
- If so who provides the coverage? LAUGHLIN AFB, TX
- i. Is the airspace under communications coverage? YES
- If so who provides the coverage? LAUGHLIN AFB, TX 11,760
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- i. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 11,760
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted NONHAZARDOUS

Airspace Designator: A-633B

- a. Type of airspace : ALERT AREA
- b. Dimensions (nmi. x nmi. x ft) 14 NM DIAMETER CIRCLE X 3,000'
- c. Distance from main airfield 63 NM
- d. Time en route from main airfield 25 MIN. AT 150 KTS
- e. Controlling agency LAUGHLIN AFB, TX
- f. Scheduling agency LAUGHLIN AFB, TX
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? LAUGHLIN AFB, TX
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? LAUGHLIN AFB, TX
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 17,532
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted VFR PATTERN

Airspace Designator: A-633A

- a. Type of airspace: ALERT AREA
- b. Dimensions (nmi. x nmi. x ft) 30 NM DIAMETER CIRCLE (approx. 1/4 of area cut off by U.S. border) X 6,000'
- c. Distance from main airfield 70 NM
- d. Time en route from main airfield 28 MIN. AT 150 KTS
- e. Controlling agency LAUGHLIN AFB, TX
- f. Scheduling agency LAUGHLIN AFB, TX
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many? 4
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? LAUGHLIN APPROACH CONTROL
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? LAUGHLIN APPROACH CONTROL
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 17,532
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) 0
- p. Types of training permitted IFR/VFR PATTERN

Airspace Designator: R-6312

- a. Type of airspace: RESTRICTED AREA
- b. Dimensions (nmi. x nmi. x ft) 18nm X 8nm X 11,500'
- c. Distance from main airfield 67 NM
- d. Time en route from main airfield 27 min. at 150 kts
- e. Controlling agency FAA Houston ARTCC
- f. Scheduling agency NAS Kingsville, TX
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES (4,000' MSI, and above)
 - If so who provides the coverage? Houston ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Houston ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 35,064
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted UNKNOWN IIAZARDOUS

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

PURPOSE: To document the answer to Facilities question number (A.14).
SOURCE: Maj Kurt S. Anders, 3 FTS/DO, DSN 473-3120
METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.
CONCLUSION: No.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 20 Aug 94
Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 30 AUG 94
Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

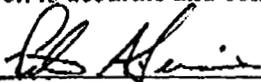
PURPOSE: To document the answer to Facilities question number (A.15).

SOURCE: Ronnie McKinley, GS-14, Houston ARTCC Airspace and Procedures Specialist, (713) 230-5534.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

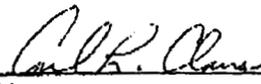
CONCLUSION: No, there are no known changes.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 20 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 20 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

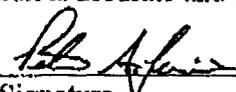
PURPOSE: To document the answer to Facilities question number (A.17).

SOURCE: Wing Airspace Manager, Capt. Peter A. Lewis, 12 OSS/DOFR, DSN 487-5580. Professional knowledge/judgment.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION: No. Hondo Muni has no air traffic control facility, hence no ATC delays.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 20 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 20 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

PURPOSE: To document the answer to Facilities question number (B.1).

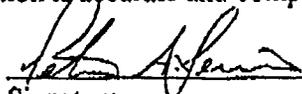
SOURCE: Maj Kurt S. Anders, 3 FTS/DO, DSN 473-3120. Professional knowledge/judgement.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION:

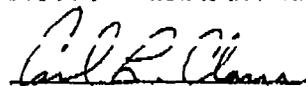
- a. Hondo, Medina Co., TX, N29'21.58" W99'10.61"
- b. NA
- c. Yes
- d. Yes, No
- e. No
- f. No
- g. Yes
- h. Yes
- i. 50%
- j. 25%
- k. Yes
- l. The airfield is neither owned nor leased by the government. Only the ground facilities on the airfield are leased.
- m. None

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

HONDO

FACILITIES					
CCN	ADDEQUATE	SUBSTAND	INADEQUATE	TOTAL	ADEQUATE
RUNWAYS					
111	399600	116550	38850	555000	72%
TAXI/APRONS					
112	25155	8385	2916	36456	69%
113	210380	78500	25120	314000	67%
TOTAL:	235535	86885	28036	350456	67%
UTILITIES					
812	7090				0
822					0
832					0
842					0
843					0
TOTAL:	7090			7090	100%
OTHER					
131					
133					
141	63912				
171-51					
218					
219					
610					
723-30					
TOTAL:	63912	0	0		100%
CLASSROOMS					
171-10					
171-20					
171-30					
171-152					
171-211	9556				
171-223					
171-815					
TOTAL:	9556	0	0		100%
TRAINERS					
171-12					
171-35					
171-212					
TOTAL:	0	0	0		ERR
OTHER TNG					
171-74					
171-213					
171-213					
171-213					
171-214					
171-214					
171-813					
TOTAL:	0	0	0		ERR
HANGARS					
211	22494				
217					
TOTAL:	22494	0	0		100%

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

PURPOSE: To document the answer to Facilities question number (B.2).

SOURCE: Real Property Records, (for Current Quantity) A, D, and E Records, AFCEA Pavement survey's (Apr 93 RAFB, Jan 90 Seguin) In-house survey (utility lines), Engineering Criteria.

METHOD: Extract data from above source.

CONCLUSION:

Facility Type (CCN)	Facility Description	Unit of Measure	Current Quantity	Adequate/Permanent	Substandard/Semi-Permanent	Inadequate/Temporary
111	Airfield Pavement-Runways (Do not include shoulders or overruns)	SY	555,000	399,600	116,550	38,850
112	Airfield Pavements-Taxiways (Do not include Shoulders)	SY	36,456	25,155	8,385	2,916
113	Airfield Pavements-Aprons (Do not include Shoulders)	SY	314,000	210,380	78,500	25,120
116-662	Dangerous Cargo Pad	SY	0	0	0	0
812	Elec Power-Trans & Dist Lines (Overhead & U/G, Pre & Sec Lines) (Do not include 812-921, 812-926 and 812-928)	LF	7,090	7,090	0	0

79% adequate

67% adequate

Utilities 100% adequate

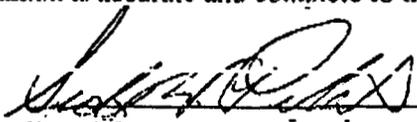
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Facility Type (CCN)	Facility Description	Unit of Measure	Current Quantity	Adequate/Permanent	Substandard Semi-Permanent	Inadequate/Temporary
822	Heat-Trans & Distr Lines (Do not include 822-248 and 822-268)	LF	0	0	0	0
832	Sewage and Indust Wasto-Collection (Mains) (DO not include 832-267)	LF	0	0	0	0
842	Water-Distr Sys-Potable (Do not include 842-246 and 842-249)	LF	0	0	0	0
843	Water-Fire Protection(Mains) (Do not include 843-315, 843-316 and 843-319)	LF	0	0	0	0
851	Roads (Do not include 851-142 and 851-143)	SY	1,367	1,367	0	0
852	Vch/Equip Parking (Do not include 852-282, 852-287 and 852-289)	SY	3,171	3,171	0	0

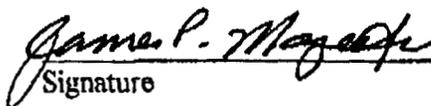
NOTE: The flight screening squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature

Scott W. Pillet, GS-11, 12 CES/CECC, 487-5662

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature

James P. Magee, Jr., GM-14, HO AETC/CEOE, 487-2774

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

PURPOSE: To document the answer to Facilities question number (B.3).

SOURCE: Randolph AFB Real Property Records as of 18 Aug 94.

METHOD: Extract data from source document.

CONCLUSION:

Facility Type (CCN)	Facility Use	Unit of Measure	Adequate/Permanent	Substandard/Semi-Permanent	Inadequate/Temporary
131	COMMUNICATIONS-BUILDINGS	SF	0	0	0
141	OPERATIONS-BUILDINGS	SF	63,912	0	0
211	MAINTENANCE-AIRCRAFT	SF	22,494	0	0
217	MAINT-ELECTRONICS AND COMMUNICATIONS EQUIP	SF	0	0	0
219	MAINTENANCE-INSTALLATION, REPAIR AND OPERATION	SF	0	0	0
422	AMMUNITION STORAGE INSTALLATION AND READY USE	SF	U	U	U
610	ADMINISTRATIVE BUILDINGS	SF	0	0	0

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Doris Mollenhauer Date 18 Aug 94

Signature

DORIS MOLLENHAUER, GS-07, 12 CES/CERR, 487-3172

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Susan L. Higgins Date 19 Aug 94

Signature

SUSAN L. HIGGINS GS-12, AETC/CEPE, DSN 487-2004

Typed Name, Rank, Office Symbol, DSN Number

**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX**

PURPOSE: To document the answer to Facilities question number (C.1).

SOURCE: Answer was taken from Randolph AFB Real Property Records as of 18 Aug 94, sorted by conditon code.

METHOD: Extract data from source document.

CONCLUSION:

Facility Type (CCN)	Facility Use	Unit of Measure	Adequate/Permanent	Substandar d/Semi-Permanent	Inadequate/Temporary
171-211	INSTRUCTOR PILOT & UNDERGRADUATE NAVIGATOR AND FLIGHT SCREENING FACILITIES. (Building 1401 at Hondo Municipal Airport)	SF	9,556	0	0
171-212	FLIGHT SIMULATOR TRAINING	SF	0	0	0
171-213	FLIGHT TRAINING-UNT/UPT	SF	0	0	0
171-214	PHYSIOLOGICAL TRNG	SF	0	0	0
179-219	PARACHUTE SWING	EA	0	0	0

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Doris Mollenhauer Date 18 Aug 94

Signature

DORIS MOLLENHAUER, GS-07, 12 CBS/CFRR, 487-3172

Typed Name, Rank, Office Symbol, DSN Number

MAICOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Susan E. Higgins Date 19 Aug 94
Signature

SUSAN E. HIGGINS, GS-12, AETC/CEPE, DSN 487-2004

Typed Name, Rank, Office Symbol, DSN Number

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo TX

PURPOSE: To document the answer to Facilities question number (D.1).

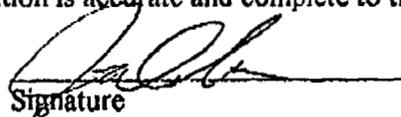
SOURCE: Real Property Records, 31 Mar 94; Mr. George Miller, Hondo QAE, 487-3184.

METHOD: Extract data from above source.

CONCLUSION:

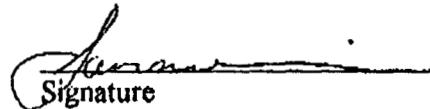
Aircraft Types	Level of Maintenance			Source	
	Depot	Intermediate	Organizational	DOD	Contract
T-3			X		X

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
 Signature

JAMES D. WARREN, Capt, 12 OSS/DOF, 487-5881
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
 Signature

James M. Galliher, Major, HQ AETC/LGX, 487-4602

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Muni, TX

PURPOSE: To document the answer to Facilities question number (I.1).

SOURCE: Sun Antonio Sectional Aeronautical Chart, 18 Aug 94, Base Airspace Manager, Capt Lewis, DSN 487-5580, Professional Knowledge/Judgment.

METHOD: Extract data from above sources.

CONCLUSION:

Airfield Name	Major Use/Capability	Location/Distance
Idlewild	Private/Emergency Field	25 NM NNW of Hondo
Standard	Private/Emergency Field	26 NM East of Hondo
Glasscock	Private/Emergency Field	9 NM West of Hondo
Squirrel Creek	Private/Emergency Field	11 NM WSW of Hondo
Prison Canyon	Private/Emergency Field	30 NM North of Hondo

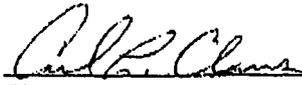
NOTE: Only paved runways were included in the table above.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 30 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni TX

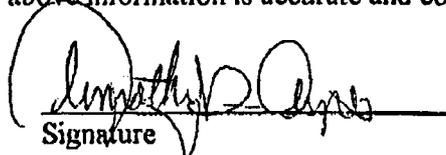
PURPOSE: To document the answer to Facilities question number (J.1).
SOURCE: Mr. John W. Gibson, GS-11, 12 CES/CERR, 487-3172.
METHOD: Professional judgment/knowledge.
CONCLUSION: None.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

PURPOSE: To document the answer to Future Requirements question number (A.2.)

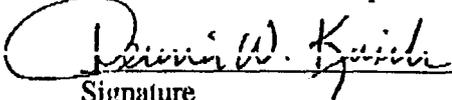
SOURCE: Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668, interviewed Mr. Jim Menke, Region 13, Air Quality Director of the Texas Natural Resources Conservation Commission, San Antonio, TX office, (210) 490-3096 extension 326. 40 CFR Part 81 for your state and your state/county regulator.

METHOD: Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668 reviewed 40 CFR Part 81.40 which identified the local Air Quality Compliance Area (AQCA) Metropolitan San Antonio Intrastate Air Quality Control Region (AQCR 217). Mr. Michael Stock also interviewed Mr. Jim Menke of the local TNRCC Region 13 office (210) 490-3096 extension 326.

Note: Although worded differently, questions A.2 and A.2.a were part of the Air Force Closure Questionnaire (VIII.16.C.1 through VIII.16.C.6).

CONCLUSION: No, ^{yes} AQCR 217 is designated as an attainment area for all six criteria air pollutants. It has been identified as a possible non attainment area for ozone, but currently is still an attainment area.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94

Signature

DENNIS W. KIRSCH, GS-12, 12 CES/CEV, 487-4668

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94

Signature

William J. Pehlivanian, GM14, CEVC, 487-3656

Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

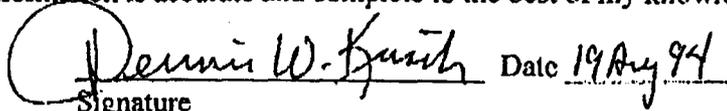
PURPOSE: To document the answer to Future Requirements question number (A.3).

SOURCE: Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668, interviewed Mr. Jim Menke, Region 13, Air Quality Director of the Texas Natural Resources Conservation Commission, San Antonio, TX office, (210) 490-3096 extension 326. Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668 reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) Metropolitan San Antonio Intrastate Air Quality Control Region (AQCR 217). Mr. Dennis W. Kirsch interviewed Cheryl Cellery of the U.S. Department of the Interior, National Park Service, San Antonio, TX (210) 229-5701 and reviewed 40 CFR 81.344.

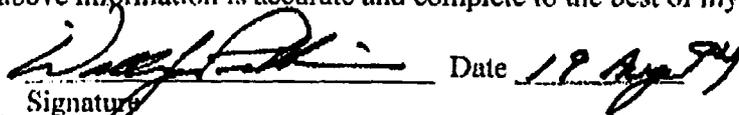
METHOD: Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668 reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) Metropolitan San Antonio Intrastate Air Quality Control Region (AQCR 217). Mr. Michael Stock also interviewed Mr. Jim Menke of the local TNRCC Region 13 office (210) 490-3096 extension 326. Mr. Dennis W. Kirsch interviewed Cheryl Cellery of the U.S. Department of the Interior, National Park Service, San Antonio, TX (210) 229-5701 and reviewed 40 CFR 81.344.

CONCLUSION: No, there are no critical air quality regions, non-attainment areas, within 100 kilometers of the base. However, there are several national parks, the San Antonio missions, that are within 100 kilometers of the base. See the attached memo from Mr. Kirsch.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature Date 19 Aug 94
 DENNIS W. KIRSCH, GS-12, 12 CES/CEV, 487-4668
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature Date 19 Aug 94
 William J. Pehlivanian, GM14, CEVC, 487-3656
 Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

PURPOSE: To document the answer to Future Requirements question number (A.4) and (A.4.b).

SOURCE: Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668, interviewed Mr. Jim Menke, Region 13, Air Quality Director of the Texas Natural Resources Conservation Commission, San Antonio, TX office, (210) 490-3096 extension 326. Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668 reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) Metropolitan San Antonio Intrastate Air Quality Control Region (AQCR 217).

METHOD: Mr. Michael J. Stock, GS-11, 12 CES/CEV, DSN 487-4668 reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) Metropolitan San Antonio Intrastate Air Quality Control Region (AQCR 217). Mr. Michael Stock also interviewed Mr. Jim Menke of the local TNRCC Region 13 office (210) 490-3096 extension 326.

CONCLUSION: ^{Yes} (A.4) NO. There are no restrictions to on or off base activities due to air quality considerations from the local Air Quality Board or similar organization.

(A.4.b) NO.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Dennis W. Kirsch Date 19 Aug 1994
 Signature
 DENNIS W. KIRSCH, GS-12, 12 CES/CEV, 487-4668
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

William J. Pehlivanian Date 19 Aug 94
 Signature
 William J. Pehlivanian, GM-14, CEVC, 487-3656
 Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX

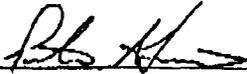
PURPOSE: To document the answer to Future Requirements question number (B.1).

SOURCE: Airspace and Procedures Specialist, Mr. Randy Patchett, Houston ARTCC,
(713) 230-5534, Professional Knowledge/Judgment.

METHOD: Extract data from above sources and solicit inputs from appropriate wing
agencies. *Future commercial hub?*

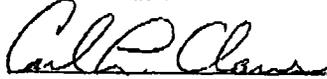
CONCLUSION: No.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 22 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 22 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Muni, TX

PURPOSE: To document the answer to Future Requirements question number (B.2).

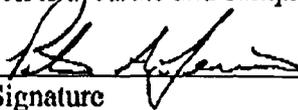
SOURCE: Wing Airspace Manager, Capt Peter A. Lewis, 12 OSS/DOFR, DSN 487-5580. Professional knowledge/judgement.

METHOD: Extract data from above sources.

CONCLUSION:

Fiscal Year	Average Delay (minutes)	Number of Delays	% of Total Flight Operations Affected
1991	0	0	0
1992	0	0	0
1993	0	0	0

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Air Field

PURPOSE: To document the answer to Future Requirements question number (B.4) through (B.4.b).

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378

METHOD: Telephone conversation with Hondo City Officials, Professional Judgement and Knowledge.

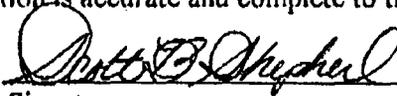
CONCLUSION:

B.4: Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the US Air Force. There is no AICUZ study for Hondo Airport.

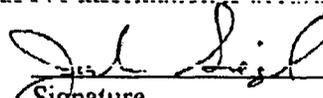
B.4.a: Not Applicable

B.4.b: As there is no AICUZ study, there are no recommendations for the city to incorporate into a zoning ordinance.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature
Scott B. Shepherd, GS-11, 12 CES, CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAICOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature
Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX

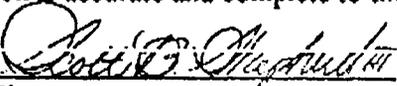
PURPOSE: To document the answer to Future Requirements question number (B.9)

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378

METHOD: Telephone conversation

CONCLUSION: Flight Screening at Hondo Municiple Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the US Air Force. There is no AICUZ study for Hondo Airport.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 10 Aug 94

Signature

SCOTT B. SHEPHERD, GS-11, 12 CES/CEY, 487-7265

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 10 Aug 94

Signature

JACK SIEGEL, JR., GM-13, AETC/CEPR, 487-6352

Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Air Field

PURPOSE: To document the answer to Future Requirements question number (B.11.d.8)

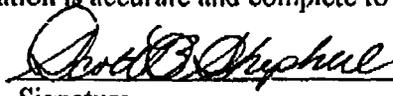
SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx, 210-426-3378
Al Kiris, Bradfield Properties, San Antonio, Tx, 210-992-4906

METHOD: Telephone conversation with Hondo City Officials, Professional Judgement and Knowledge.

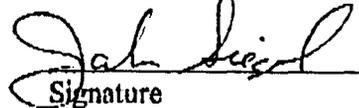
CONCLUSION:

Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the US Air Force. There is no AICUZ study for Hondo Airport. Therefore, there are no noise disclosure requirements for the city to incorporate into a zoning ordinance.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature
Scott B. Shepherd, GS-11, 12 CES.CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature
Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Air Field

PURPOSE: To document the answer to Future Requirements question number (B.11.f) and (B.11.f.1)

SOURCE: Scott Wall, City Manager, Hondo, Tx, 210-426-3378
Greg Baldasari, City Counsel, Hondo, Tx 210-426-3378
Scott B. Shepherd, GS-11, 12 CES/CEV, 487-4668

METHOD: Telephone conversation with Hondo City Officials, Professional Judgement and Knowledge.

CONCLUSION:

B.11.f: Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities including the use of the runway to the US Air Force. There is no AICUZ study for Hondo Airport. Therefore, clearzones acquisition by the Air Force is not applicable at Hondo Air Field.

B.11.f.1: Not Applicable

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott B. Shepherd Date 19 Aug 94
Signature
Scott B. Shepherd, GS-11, 12 CES, CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Jack Siegel, Jr. Date 18 Aug 94
Signature
Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number

**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Air Field, Texas.**

PURPOSE: To document the answer to Manpower Implications question number (A.1.a.2)

SOURCE: Current (30 Sep 93) DD Form 1410, Family Housing Inventory and Occupancy report, and 28 Feb 94 HAF LEE (AR 7115) report.

METHOD: Extract data including temporary conversions and excluding permanent conversions (prior to 28 Feb 94). Leave all non-applicable blocks blank.

CONCLUSION:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate/ Permanent	Number Substandard/ Semi-Permanent	Number Inadequate/ Temporary
Officer	4+	0			
Officer	3	0			
Officer	1 or 2	0			
Enlisted	4+	0			
Enlisted	3	0			
Enlisted	1 or 2	0			
Mobile Homes					
Mobile Home lots					

Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the US Air Force.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

J. Seymore Date 17 Aug 94
Signature

J SEYMORE, GS-12, HSG MGR, 12 CES/CEH, 487-3334
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

W.B. Hogan Date 17 Aug 94
Signature

W.B. HOGAN, GS-12, HQ AETC/CEPH, 487-3133
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

PURPOSE: To document the answer to Manpower Implications question number (A.2)

SOURCE: Local, regional, and national road maps coupled with information from Base LG and Facility Manager Program, the annual library report, Air Force Form 179, personal knowledge and professional judgement. When completing this worksheet, include the name, rank, DSN number, and office symbol of any person providing answers.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION: Data does not exist because Hondo is a municipal airport not owned by the Air Force.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott P. Conrey
 Signature

Date *22 Aug 94*

SCOTT P. CONREY, CAPT, 12 SVS/SVA, 487-6962

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Robert E. Herring
 Signature

Date *22 Aug 94*

ROBERT E. HERRING, GS-11, HQ AETC/SVFL, 487-2617

Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 Hondo Airport TX

PURPOSE: To document the answer to Manpower Implications question number (A.4.a).

SOURCE: The Child Development Director and Base Civil Engineer, personal knowledge and professional judgement. When completing this worksheet, include the name, rank, DSN number, and office symbol.

METHOD: Solicit inputs from appropriate wing agencies.

CONCLUSION: Data does not exist because Hondo is a municipal airport not owned by the Air Force.

Age	Capacity	SF			# of PN on	Avg Wait
		Adequate/ Permanent	Substandard/ Semi	Inadequate/ Temporary		
0-6 Mos						
6-18 Mos						
18Mos- 5yrs						

Child Care Director: Nancy Meyers, GS-9, 12 SVS/SVYD, 487-3668

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott P. Conrey Date 22 Aug
 Signature
SCOTT P. CONREY, CAPT, 12 SVS/SVX, 487-6962
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Robert E. Herring Date 22 Aug 94
 Signature
ROBERT E. HERRING, GS-11, HQ AETC/SVFL, 487-6217
 Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX

PURPOSE: To document the answer to Manpower Implications question number (A.4.b)

SOURCE: The Child Development Director and Base Civil Engineer, personal knowledge and professional judgement. When completing this worksheet, include the name, rank, DSN number, and office symbol.

METHOD: Solicit inputs from appropriate wing agencies.

CONCLUSION: Data does not exist because Hondo is a municipal airport not owned by the Air Force.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott P. Conrey Date 22 Aug 94
Signature
SCOTT P. CONREY, CAPT. 12 SVS/SVX, 487-6962
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Robert E. Herring Date 22 Aug 94
Signature
ROBERT E. HERRING, GS 11, HQ AETC/SVFL, 487-6217
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX

PURPOSE: To document the answer to Manpower Implications question number (A.4.c)

SOURCE: The Child Development Director and specific base plans or programs, personal knowledge and professional judgement. When completing this worksheet, include the name, rank, DSN number, and office symbol.

METHOD: Extract data from above sources.

CONCLUSION: Data does not exist because Hondo is a municipal airport not owned by the Air Force.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott P. Conrey
Signature

Date 20 Aug 94

SCOTT P. CONREY, CAPT, 12 SVS/SVX, 487-6962

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Robert E. Herring
Signature

Date 22 Aug 94

ROBERT E. HERRING, GS-11, HQ AETC/SVFL, 487-6217

Typed Name, Rank, Office Symbol, DSN Number

**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX**

PURPOSE: To document the answer to Manpower Implications question number (A.4.d)

SOURCE: The Child Development Director, personal knowledge and professional judgement. When completing this worksheet, include the name, rank, DSN number, and office symbol.

METHOD: Professional judgment/knowledge.

CONCLUSION: Data does not exist because Hondo is a municipal airport not owned by the Air Force.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott P. Conrey Date 22 Aug 94
Signature
SCOTT P. CONREY, CAPT, 12 SVS/SVX, 487-6962
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Robert E. Herring Date 22 Aug 94
Signature
ROBERT E. HERRING, GS-11, GS-11, HQ AETC/SVFL, 487-6217
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Hondo Airport TX

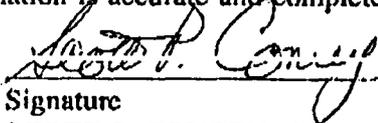
PURPOSE: To document the answer to Manpower Implications question number (A.4.f)

SOURCE: Services Squadron and Base Civil Engineer, personal knowledge and professional judgement. When completing this worksheet, include the name, rank, DSN number, and office symbol.

METHOD: Randolph AFB Real Property Records as of 25 Apr 94

CONCLUSION: Data does not exist because Hondo is a municipal airport not owned by the Air Force.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature
SCOTT P. CONREY, CAPT, 12 SVS/SVX, 487-6962
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 Aug 94
Signature
ROBERT E. HERRING, GS-11, HO AETC/SVFL 487-6217
Typed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
Hondo Muni, TX**

PURPOSE: To document the answer to Facilities question number (A.18)

SOURCE: FLIP IFR Supplement, 18 Aug 94, FLIP Low Altitude IAP, 18 Aug 94

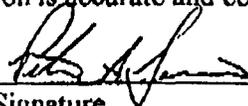
METHOD: Extract data from above sources.

CONCLUSION:

Runway/Lane/Pad (Airfield Name & Runway Designation)	Length (ft)	Width (ft)	Load Bearing Capacity (lbs/ft ²)	Lighting					Arresting gear type and location	IFR or VFR (I or V) Capable? Night (N) Capable?	Approach Aids (IFR/ VFR)
				F	P	C	N	G			
08/26	6059	150					X		N/A	V	N/A
13/31	6045	150					X		N/A	V	N/A
R	6020	150				X			N/A	I,N	
04/22	5400	150					X		N/A	V	N/A
17R/35L	3662	150					X		N/A	V	N/A

Flight Screening at Hondo Municipal Airport is a contract operation. The city of Hondo leases the Flight Screening facilities to the U.S. Air Force. The runways at Hondo Muni are neither owned nor leased by DOD, therefore no load bearing capacity information is available.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 _____ Date 22 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 22 AUG 94
Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

CLOSE HOLD

16. Give the maximum sortie generating capacity per year of your installation given the current aircraft mix and at your installation, and consistent with the training mission.

Syllabus of Training *	Level (Track) of Pilot Training *	Trainer Aircraft *	Maximum Sorties
General	Flight screening	T-3	3000

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

17. Are there any recommendations on how to increase sortie generating capacity and reduce the number of training installations? If so please explain.

Facilities (cont.)

A. Airfield (cont.)

18. Give the designation, length, width, load bearing capacity, lighting configurations, and landing constraints for each runway at the home field and all OLFs.

See attached

Runway/Lane/Pad Airfield Name & Runway Designation)	Length (ft)	Width (ft)	Load Bearing Capacity (lbs/ft ²)	Lighting					Arresting gear type and location	IFR or VFR (I or V) Capable? Night (N) Capable?	Approach Aids (IFR/ VFR)
				F	P	C	N	G			

- F -- Full Lighting (approach, runway edge, center, and threshold)
- P -- Partial Lighting (less than full)
- C -- Carrier Deck Lighting Simulated (embedded)
- N -- No Lighting
- G -- NVG Lighting

CLOSE HOLD

CLOSE HOLD

Facilities (cont.)

Airspace

1. Give the number of workable blocks of airspace and type of airspace used by your installation, the average dimensions (n.mi. x n.mi. x ft), and availability in daylight hours/year of these blocks for each syllabus and level of pilot and/or NFO/Navigator training and trainer aircraft. Note that a workable block of airspace must be large enough to support the required training maneuvers/evolutions without encroaching on another block and have an ingress/egress route that does not go through other airspace blocks. (This question is not applicable to helicopter training.)

Syllabus of Training *	Level of Training *	Trainer Aircraft	# Workable Blocks of Airspace	Type of Airspace	Average Block Dimensions	Availability (Hrs/Yr)/Block
General	Screening	T-41	34	CLG	5NM x 5NM	Daylight VFR only
		T-41	2	PAT		Daylight VFR only
Strike	Intermediate	T-2C				
		T-45				
		JPATS				
	Advanced	TA-4J				
		T-45				
etc						
Total						

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

Key to types of airspace:

MOAs -- Military Operating Areas

WA -- Warning Areas

AA -- Alert Areas

RA -- Restricted Areas

ATCAA -- Air Traffic Control Assigned Airspace

OWAW -- Overwater Airways

RR -- Restricted Areas with Ranges

MTR -- Military Training Routes

AW-- Airways (e.g. corridors to and from training areas)

PAT -- Pattern (e.g. airspace above runways)

OWA -- Overwater Airspace

CLG -- Uncontrolled Airspace

Handwritten notes:
 3912/2075
 96
 49368

2. If the transit corridors between training areas and air station limits the number of aircraft that can train concurrently (i.e., can't safely use all blocks) give this limitation and explain what this number is based on. Break this information out by type and level of training if appropriate.

CLOSE HOLD

CLOSE HOLD

Facilities (cont.)

Ground Training

1. By Facility Category Code , complete the following table for all training facilities at the installation in which undergraduate pilot and/or NFO/Navigator training is conducted. Include all 171-xx, 179-xx category codes, and any other applicable category codes.

For example: in the category 171-10, a type of training facility is academic instruction classroom. If you have 10 classrooms with a capacity of 25 students per room, the design capacity would be 250. If these classrooms are available 8 hours a day for 300 days a year, the capacity in student hours per year would be 600,000.

Cat Code: 141-453

Type Training Facility	Total Number	Design Capacity (PN) ¹⁰	Capacity (Student HRS/YR)
Academic/Briefing Room	1	40	128,000

Handwritten notes:
 128,000 = 40 PN x 8 hrs/day x 300 days/yr

For the Student HRS/YR value in the preceding table, describe how that entry was derived.

3. Assuming that the ground school training facility is not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in student hours) could be gained? Provide details and assumptions for all calculations.

4. Assuming that ground school training facility is not constrained by additional construction/equipment funds, what additional capacity (in student hours) could be gained? Provide details, estimated costs, and assumptions for all calculations¹¹

5. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc., cannot overcome.

¹⁰ Design Capacity (PN) is the total number of seats available for students in spaces used for academic instruction; applied instruction; and seats or positions for operational trainer spaces and training facilities other than buildings, i.e., ranges. Design Capacity (PN) must reflect current use of the facilities.

¹¹ Answer for each independent runway complex at the home field and all OLFs and by aircraft type.

CLOSE HOLD

CLOSE HOLD

Facilities (cont.)

Aircraft Parking, Maintenance, and Supply

1. Provide the number of other aircraft (both active and reserve operational squadrons) that are based at your installation. If a squadron has more than one type of aircraft, fill out a separate line for each type.

Squadron	Number of Aircraft (Fiscal Year)								Mission
	1994	1995	1996	1997	1998	1999	2000	2001	

2. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum number of these aircraft that could be based and parked on your current parking aprons. Use your service specific regulations regarding standard measures, (NAVFAC P-80, etc.).

Aircraft Type	# of Aircraft	Comments
T-41C	48	Maximum capacity. Determined by aircraft wing span to include a
T-41D	2	10' safety clearance between aircraft and apron size. Developed
TG-3A	4	using the Airfield Master Plan, maintained by Civil Engineer
TG-4A	11	
TG-7A	9	
TG-9A	4	

3. Provide the details of your calculations, including your assumptions on the minimum separation between aircraft, folding of aircraft wings, and any obstruction that may limit the placement of aircraft on the parking apron spaces.

CLOSE HOLD

CLOSE HOLD

Facilities (cont.)

Aircraft Parking, Maintenance, and Supply (cont.)

4. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum number of these aircraft that could be housed in your hangars. Use your service specific regulations regarding standard measures, (NAVFAC P-80, etc.).

Aircraft Type	# of Aircraft	Comments
T-41C	42	Maximum capacity unable to house 6 aircraft
T-41D	2	Maximum capacity
TG-3A	4	Maximum capacity
TG-4A	11	Manimum capacity
TG-9A	4	Maximum capacity
TG-7A	9	Maximum capacity

NOTE: Based on Academy Reliability & Maintainability Information System (REMIS)

5. Provide the details of your calculations, including your assumptions on the minimum separation between aircraft, folding of aircraft wings and any obstructions that may limit the placement of aircraft in the hangars.

6. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum number of these aircraft that could be maintained at your installation based on availability of maintenance facilities (i.e., maintenance docks, wash racks, NDI facilities, etc.).

Aircraft Type	# of Aircraft	Comments
T-41C	48	Maintenance contract and at maximum facility capacity
T-41D	2	Maintenance contract and at maximum facility capacity
TG-3A	4	Maintenance contract and at maximum facility capacity
TG-4A	11	Maintenance contract and at maximum facility capacity
TG-7A	9	Maintneance contract and at maximum facility capacity
TG-9A	4	Maintenance contract and at maximum facility capacity

7. Provide the basis (including source data) of your calculations in enough detail so they can be reproduced. Based on Academy Reliability and Maintainability Information Syatem (REMIS)

CLOSE HOLD

CLOSE HOLD

8. Describe any maintenance backlogs that your installation currently experiences on a routine basis. List the average backlog times and the reasons for the backlogs (e.g., supply shortfall, insufficient local labor, overbooking of work stations, space limitations).

Facilities (cont.)

D. Aircraft Parking, Maintenance, and Supply (cont.)

9. Using the types (and mix) of aircraft currently stationed at your installation, project the maximum number of these aircraft that could be supported at your installation based on availability of supply/storage facilities.

Aircraft Type	# of Aircraft	Comments
T-41C	48	Maximum capacity
T-41D	2	Maximum capacity
TG-3A	4	Maximum capacity
TG-4A	11	Maximum capacity
TG-7A	9	Maximum capacity
TG-9A	4	Maximum capacity

10. Provide the basis (including source data) of your calculations in enough detail so they can be reproduced. based on Academy Reliability and Maintainability Information System (REMIS)

11. List any additional constraints or limitations to the parking, maintenance, and supply facilities that impact the training mission.

CLOSE HOLD

CLOSE HOLD

Features and Capabilities

Housing and Messing

1. Provide data on the BOQs and BEQs assigned to your current plant account. The desired unit of measure for this capacity is people housed. Differentiate between officer/enlisted/civilian, and include if billeting is for students or permanent party.

Facility Type, Bldg. # & Cat Code Permanent Party	Total No. of Beds	Total No. of Rooms	Total people housed
Amn Dorm Bldg 5222	68	34	42
Amn Dorm Bldg 5223	192	96	124
Amn Dorm Bldg 5224	68	34	34

2. Provide data on the BOQs and BEQs projected to be assigned to your plant account in FY 1997. The desired unit of measure for this capacity is people housed. Differentiate between officer/enlisted/civilian, and include if billeting is for students or permanent party.

Facility Type, Bldg. # & Cat Code	Total No. of Beds	Total No. of Rooms	Total People Housed
Amn Dorm Bldg 5222	68	34	68
Amn Dorm Bldg 5223	192	96	192
Amn Dorm Bldg 5224	68	34	68

CLOSE HOLD

CLOSE HOLD

Features and Capabilities (cont.)

Housing and Messing (cont.)

3. Provide data on the messing facilities assigned to your current plant account.

Facility Type, Bldg. # & Cat Code	Total No. of Beds	Total No. of Rooms	Total People Housed
N/A			

4. Provide data on the messing facilities projected to be assigned to your plant account in FY 1997.

Facility Type, Cat Code and Bldg. #	Total Sq. Ft.	Seats	Avg # Noon Meals Served
Dining Hall Cat A Bldg 5218	17,030	360	253

5. Based upon your installation's on and off-base housing and messing facilities, what average daily student load (ADSL) could you support from FY95 - FY01? Express the daily student load in terms of enlisted, officer, and civilian.

Type Facility	Average Daily Student Load (ADSL)						
	1995	1996	1997	1998	1999	2000	2001
BOQ							
BEQ							
On-Base Housing							
Off-Base Housing							
Messing (Enlisted)	500	500	500	500	500	500	500

CLOSE HOLD

CLOSE HOLD

6. Provide the basis (including source data) of your calculations in enough detail so they can be reproduced.

MONTHLY HEADCOUNT (LUNCH MEALS)

October 93	8517
November 93	7966
December 93	6521
January 94	8012
February 94	7642
March 94	<u>7346</u>

Total	46,004
Daily Average	253

7. List any additional constraints or limitations to the housing and messing facilities that impact the training mission. None for messing

CLOSE HOLD

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
USAF Academy, CO**

PURPOSE: To document the answer to Mission Requirements question number (B.2)

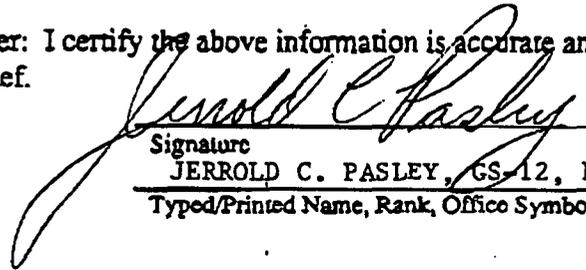
SOURCE: Syllabus and historical data

METHOD: Extract data from above sources

CONCLUSION:

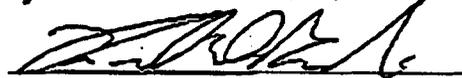
Syllabus of Training	Level (Track) of Pilot Training	Trainer Aircraft	Student (syllabus)		Overhead		Total	
			Day	Night	Day	Night	Day	Night
			S-V8A-A Flight Screening Program	Flight Screening	T-41C	12	0	6
S-V8A-E Enhanced Flight Screening Program	Flight Screening	T-3A	19	0	5	0	24	0

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature
 JERROLD C. PASLEY, GS-12, HQ USAFA/XPM, DSN 259-3350
 Typed/Printed Name, Rank, Office Symbol, DSN Number

Date 24 Sept 94

AIR STAFF Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature
 Richard D. Baldwin, Maj, AF/XOOT, 225-0902
 Typed/Printed Name, Rank, Office Symbol, DSN Number

Date 27 Sep 94

CAPACITY ANALYSIS INSTALLATION WORKSHEET USAF Academy, CO

PURPOSE: To document the answer to Mission Requirements question number (C.1)

SOURCE: Course Syllabus

METHOD: Extract Data from above source.

CONCLUSION:

Syllabus of Training	Level of Training	Facility Type (s)	Requirement (Hrs/Grad)
S-V8A-E	Entry	Classroom/Briefing Room	25.5

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Jerrold C. Pasley Date 27 Sept 94
 Signature
 JERROLD C. PASLEY, GS-12, HQ USAFA/XPM, DSN 259-3350
 Typed/Printed Name, Rank, Office Symbol, DSN Number

AIR STAFF Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Richard D. Baldwin Date 27 Sep 94
 Signature
 Richard D. Baldwin, Maj, AF/XOOT, 225-0902
 Typed/Printed Name, Rank, Office Symbol, DSN Number

*Use Memo
 160 hrs*

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
USAF Academy, CO**

PURPOSE: To document the answer to Mission Requirements question number (E.1)

SOURCE: 557 FTS/QA

METHOD: Confirmed data with above source

CONCLUSION: FY94 T-41C training aircraft number entered in error. Correct number is 48.

Aircraft	FY94	FY95	FY96	FY97	FY98	FY99	FY00	FY01
T-3A	Not on Line	56	56	56	56	56	56	56
T-41C	48	Off Inv	0	0	0	0	0	0

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Jerrold C. Pasley
 Signature _____ Date 27 Sept 94
JERROLD C. PASLEY, GS-12, HQ USAFA/XPM; DSN 259-3350
 Typed/Printed Name, Rank, Office Symbol, DSN Number

AIR STAFF Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Richard D. Baldwin
 Signature _____ Date 27 Sep 94
Richard D. Baldwin, Maj, AF/XOOT, 225-0902
 Typed/Printed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
USAF Academy, CO**

PURPOSE: To document the answer to Mission Requirements question number (A.1)

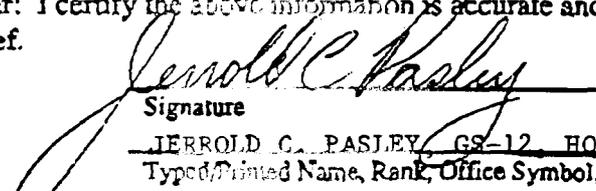
SOURCE: Student Production: Historical data for FY94, PFT guidance letter for FY95 on
Attrition Factor: Historical data for FY94, AF AETC 95-01 PFT for FY95 on
ADSL = ((entries + grads) / 2) x (course length / annual flight training days)

METHOD: Extract data from above sources

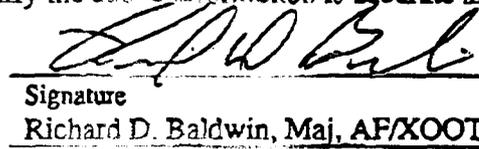
CONCLUSION:

Type of Pilot Training by Syllabus		Output Requirements, Attrition Factors, and Average Daily Student Load (ADSL) (include attrition factors used to establish entries to achieve output) (Output/Attrition Factor (%) ADSL) By Fiscal Year							
		1994	1995	1996	1997	1998	1999	2000	2001
Flight Screening	USAF	608/20% /38	424/25% /36	450/25% /39	450/25% /39	450/25% /39	450/25% /39	450/25% /39	450/25% /39
Exc.									

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature _____ Date 27 Sept 94
 JERROLD C. PASLEY, GS-12, HQ USAFA/XPM, DSN 259-3350
 Typed/Printed Name, Rank, Office Symbol, DSN Number

AIR STAFF Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature _____ Date 27 Sep 94
 Richard D. Baldwin, Maj, AF/XOOT, 225-0902
 Typed/Printed Name, Rank, Office Symbol, DSN Number

**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
USAF Academy, CO**

PURPOSE: To document the answer to Facilities question number (A.16)

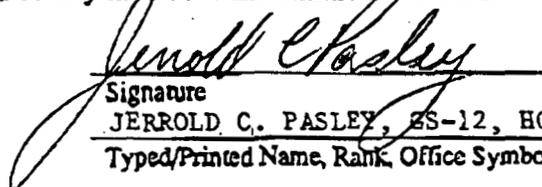
SOURCE: UTE rate projected from Hondo Program (36)
Projected # of T-3A aircraft assigned (56)

METHOD: (UTE) x (# of Aircraft) x (12 Months) = Maximum Sorties

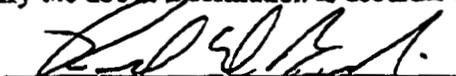
CONCLUSION:

Syllabus of Training	Level (Track) of Pilot Training	Trainer Aircraft	Maximum Sorties
S-V8A-E	Flight Screening	T-3A	24,192

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature _____ Date 27 Sept 94
JERROLD C. PASLEY, ES-12, HQ USAFA/XPM, DSN 259-3350
 Typed/Printed Name, Rank, Office Symbol, DSN Number

AIR STAFF Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


 Signature _____ Date 27 Sep 94
Richard D. Baldwin, Maj, AF/XOOT, 225-0902
 Typed/Printed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US AIR FORCE ACADEMY, CO

PURPOSE: To document the answer to Mission Requirements question number (C.1).

SOURCE: FLIP AP/1A, Special Use Airspace, 11 Nov 93, FLIP AP/1B

METHOD: Extract data from above source.

CONCLUSION:

Managed Training Assets	Management Role
Bullseye	Schedule/Control <i>Aspx Airfield</i>
A-260	Control

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis _____ Date 20 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus _____ Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Mission Requirements question number (F.1).

SOURCE: Station Climatic Summary, 8 Jan 93; 557 FTS Weekly Summaries 1991 - 1993, maintained by Lt Col James E. Thomas, 557 FTS/CC, 259-3650.

METHOD: Extract data from above sources.

CONCLUSION:

Month	% of Hours VMC	% of Hours IMC	% of Hours Below 1000 ft Ceilings and 2.0 Mile Visibility	% of All Sorties Rescheduled/Canceled Due to Weather
Jan.	94	6	4	30
Feb.	90.9	9.1	6.6	32
Mar.	90.4	9.6	7.5	38
Apr.	91.5	8.5	6.1	35
May	93.7	6.3	3.6	18
June	96.9	3.1	1.5	13
July	96.9	3.1	1.9	14
Aug.	96.9	3.1	2.1	15
Sept.	92.7	7.3	4.9	17
Oct.	92.3	7.7	5.4	20
Nov.	92.7	7.3	5	32
Dec.	91.5	8.5	6.4	12 (only scheduled 2 weeks)

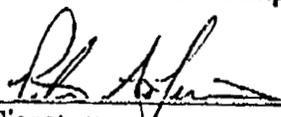
22%

SEE CHANGE

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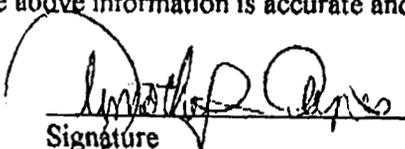
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Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Peter A. Lewis, Captain, 12 OSS/DOFR, 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Mission Requirements question number (F.2).

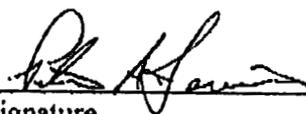
SOURCE: 557 FTS Weekly Summaries 1991 - 1993, maintained by Lt Col James E. Thomas, 557 FTS/CC, 259-3650.

METHOD: Extract data from above source.

CONCLUSION: 30 % for Sep - Jun
20 % for Jul - Aug

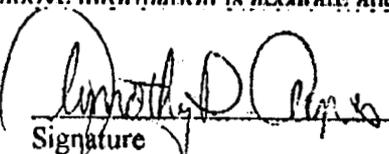
25% - AVE

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Peter A. Lewis, Captain, 12 OSS/DOFR, 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US AIR FORCE ACADEMY, CO

PURPOSE: To document the answer to Facilities question number (A.10).

SOURCE: FLIP IFR Enroute Low Altitude Charts, 18 Aug 94, FLIP AP/1A, Special Use Airspace, 11 Nov 93, FLIP AP/1B, Military Training Routes, 18 Aug 94, Denver and Wichita Sectional Aeronautical Charts, 18 Aug 94, Base Airspace Manager, Capt Lewis, DSN 487-5580, Traffic Management Supervisor, Gregory I. Dyer, GS-15, Denver ARTCC, (303) 651-4248, Airspace and Procedures Specialist, George Sparks, GS-12, Colorado Springs ATCT, (719) 596-1202, Flight Operations Database, FY 90-FY 93, maintained by Tsgt Paul R. Salyer, CATCO, DSN 259-2392.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION: See attachments for special use areas.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 28 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

3 bisecting airways

USAFA

NAME	DIMENSIONS			CUBIC		DISTANCE	CNM X DIST
			AREA	ALT	NM		
A260	6	5	30	11000	54	1	54
LA VETA HI	30	40	1200	5000	987	43	42434
FREMONT	16	12	192	9000	284	19	5400
PINON CANYON	30	36	1080	4400	782	85	66434
KIT CARSON B	33	66	2178	4500	1612	64	103168
LA VETA LO	19	10	190	5500	172	43	7391

ALERT x .8: **43**
 ALERT TOT: **54**
 WA TOTAL: **0**
 MOA TOTAL: **3837**
 RES TOTAL: **0**
 TOTAL: **3891**

ALERT: **54**
 WA: **0**
 MOA: **224827**
 RES: **0**
 TOTAL: **224882**

ALERT DIST: **1.0**
 WA DIST: **0**
 MOA DIST: **58.6**
 RES DIST: **0**
 ALL DIST: **57.8**

AL/WA/MOA **3891**
 AL/MOA **3891**
 WA/MOA/RES: **3837**
 AL.8/WA/MOA **3880**

224882 **57.8**
224882 **57.8**
224827 **58.6**

FLT SCN AREA: AL.8/MOA 3880

FLT SCN DIST: 57.8

Airspace Designator: A-260

- a. Type of airspace: ALERT AREA
- b. Dimensions (nmi. x nmi. x ft) 6 NM X 5 NM X 11,000'
- c. Distance from main airfield OVERHEAD
- d. Time en route from main airfield N/A
- e. Controlling agency USAF ACADEMY
- f. Scheduling agency USAF ACADEMY
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES (7,500' MSL and above)
 - If so who provides the coverage? Colorado Springs ATCT
- i. Is the airspace under communications coverage? YES (7,500' MSL and above)
 - If so who provides the coverage? Colorado Springs ATCT
- j. Number of low level airways (below 18,000 ft) that bisect airspace 1
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 894,705
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 17,532
- n. Total number of scheduled hours in FY 1990 thru 1993 N/A
 - By your service N/A
 - By other services (including reserves and national guard) N/A
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted VFR PATTERN

Airspace Designator: R-2601

- a. Type of airspace : RESTRICTED AREA
- b. Dimensions (nmi. x nmi. x ft) 16 NM X 8 NM X 53,500'
- c. Distance from main airfield 16 NM
- d. Time en route from main airfield 6 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency Fort Carson, CO
- g. Arc canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES, ABOVE 2,000' AGL
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES, ABOVE 2,000' AGL
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 35,064
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted UNKNOWN HAZARDOUS

Airspace Designator: IR-414

- a. Type of airspace: MTR
- b. Dimensions (nmi. x nmi. x ft) 100 NM X 17 NM X 4,500'
- c. Distance from main airfield 65 NM
- d. Time en route from main airfield 26 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency 140 TFW/DOT, Buckley ANGB, CO
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES, but only portions above 2,000' AGL
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES, but only above 2,000' AGL.
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 6
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 6,728
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: IR-415

- a. Type of airspace : MTR
- b. Dimensions (nmi. x nmi. x ft) 180 NM X 6 NM X 2,000'
- c. Distance from main airfield 40 NM
- d. Time en route from main airfield 16 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency 140 TFW/DOT, Buckley ANGB, CO
- g. Are canncd/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., JFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES, but only portions above 2,000' AGL
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES, but only above 2,000' AGL
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 11
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sortics/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 6,728
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted LOW ALTITUDE NAVIGATION

Airspace Designator: LA VETA HIGH

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 30 NM X 40 NM X 5,000'
- c. Distance from main airfield 43 NM
- d. Time en route from main airfield 17 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency 140 TFW, Buckley ANGB, CO
- g. Are canned/stereo airways needed to access air space? NO
- If so, how many?
- If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
- If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES
- If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 7,569
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
- By your service UNKNOWN
- By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY NON-HAZARDOUS

Airspace Designator: FREMONT

- a. Type of airspace: MOA
- b. Dimensions (uni. x nmi. x ft) 16 NM X 12 NM X 9,000'
- c. Distance from main airfield 19 NM
- d. Time en route from main airfield 8 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency 140 TFW, Buckley ANGB, CO
- g. Arc canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 7,569
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY NON-HAZARDOUS

Airspace Designator: PINON CANYON

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 30 NM X 36 NM X 4,400'
- c. Distance from main airfield 85 NM
- d. Time en route from main airfield 34 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency HQ USA Fort Carson, CO
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 2
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY NON-HAZARDOUS

Airspace Designator: KIT CARSON B

- a. Type of airspace : MOA
- b. Dimensions (nmi. x nmi. x ft) 33 NM X 66 NM X 4,500'
- c. Distance from main airfield 64 NM
- d. Time en route from main airfield 26 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency 140 TFW, Buckley ANGB, CO
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY NON-HAZARDOUS

Airspace Designator: LA VETA LOW

- a. Type of airspace: MOA
- b. Dimensions (nmi. x nmi. x ft) 19 NM X 10 NM X 5,500'
- c. Distance from main airfield 43 NM
- d. Time en route from main airfield 17 min at 150 kts
- e. Controlling agency Denver ARTCC
- f. Scheduling agency 140 TFW, Buckley ANGB, CO
- g. Are canned/stereo airways needed to access air space? NO
 - If so, how many?
 - If so, what types (i.e., IFR, VFR, or altitude reservation)?
- h. Is the airspace under radar coverage? YES
 - If so who provides the coverage? Denver ARTCC
- i. Is the airspace under communications coverage? YES
 - If so who provides the coverage? Denver ARTCC
- j. Number of low level airways (below 18,000 ft) that bisect airspace 0
- k. Number of high altitude airways (above 18,000 ft) that bisect airspace 0
- l. Total number of sorties/movements flown in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- m. Total number of available hours in FY 1990 thru 1993 UNKNOWN
- n. Total number of scheduled hours in FY 1990 thru 1993 UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- o. Total number of hours used UNKNOWN
 - By your service UNKNOWN
 - By other services (including reserves and national guard) UNKNOWN
- p. Types of training permitted ANY NON-HAZARDOUS

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US AIR FORCE ACADEMY, CO

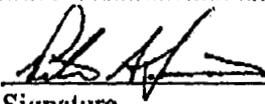
PURPOSE: To document the answer to Facilities question number (A.14).

SOURCE: Maj Bruce Dopfel, Current Operations Flight Commander, DSN 259-4617, Professional Knowledge/Judgment.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

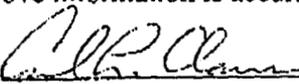
CONCLUSION: No.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 20 Aug 94

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 20 AUG 94

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

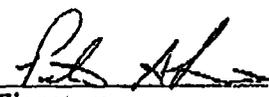
PURPOSE: To document the answer to Facilities question number (A.15).

SOURCE: Airspace and Procedures Specialist, Mr. George Sparks, GS-12, Colorado Springs ATCT; (719) 596-1202, Professional Knowledge/Judgment.
Traffic management supervisor, Mr. Gregory L. Dyer, GS-15, Denver ARTCC, (303) 651-4248, Professional Knowledge/Judgment.

METHOD: Extract data from above sources.

CONCLUSION: Yes; Opening of the new Denver International Airport will increase Denver Approach Control terminal control airspace from 35 NM to 45 NM radius. All applicable airways, Standard Instrument Departures (SIDs), Standard Arrivals (STARs) and procedures will change to accommodate the new airport. Navaids will be upgraded/added (DIA, Falcon and Jeffco) as well as the decommissioning of the Kiowa VORTAC. These changes will have no effect on installation operations.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

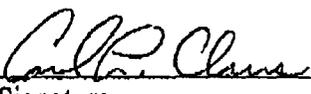


Signature

Date 22 Aug 94

Peter A. Lewis, Captain, 12 OSS/DOFR, 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.



Signature

Date 22 Aug 94

Carl L. Claus, Captain, HQ AETC/XOSA, 487-616

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Facilities question number (A.17).

SOURCE: Chief Air Traffic Control Operations (CATCO), TSgt Paul R. Salyers, 259-2392. Quarterly Quality Data and Air Traffic Control Board Minutes.

METHOD: Extract data from above sources.

CONCLUSION: NO. AFA airstrip is a Visual Flight Rules (VFR) operation only and does not interface with Colorado Springs Approach Control for its normal daytime-only operations.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.



Signature

Date 22 Aug 94

Peter A. Lewis, Captain, 12 OSS/DOFR, 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.



Signature

Date 22 Aug 94

Carl L. Claus, Captain, HQ AETC/XOSA, 487-616

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
USAF Academy, CO

PURPOSE: To document the answer to Facilities question number (B.1).

SOURCE: VFR En Route Supplement, 26 May 94, Tsgt Miranda, Base Airfield Manager, DSN 259-2367, Mr Treviso, 54 OSS/DOS, DSN 259-2367, professional knowledge/judgement.

METHOD: Extract data from above sources and solicit inputs from appropriate wing agencies.

CONCLUSION: USAF Academy Airfield

- a. Colorado Springs/El Paso/CO/38 58'N 104 49'W
- b. N/A
- c. Yes
- d. Yes, No
- e. Yes
- f. No
- g. Yes
- h. The crosswind runway is used only for recovery of airborne aircraft. No further launches are made until conditions permit use of the main runways.
- i. 100% except for recovery of airborne aircraft.
- j. 6%
- k. No
- l. Owned
- m. Light aircraft only

BULLSEYE OLI'

- a. Colorado Springs/El Paso/CO/ 38 46'N 104 08'W
- b. 27 NM
- c. No
- d. No
- e. Yes
- f. No
- g. No
- h. N/A
- i. N/A

**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO**

PURPOSE: To document the answer to Facilities question number (B.2).

SOURCE Real Property Records, 30 Jun 94.

METHOD: Extract data from above source.

CONCLUSION: Aux Field

Facility Type (CCN)	Facility Description	Unit of Measure	Current Quantity	Adequate/ Permanent	Substandard /Semi Permanent	Inadequate/ Temporary
111	Airfield Pavement-Runways (Do not include shoulders or overruns)	SY	29,167	29,167		
112	Airfield Pavements-Taxiways (Do not include Shoulders)	SY	13,267	13,267		
113	Airfield Pavements-Aprons (Do not include Shoulders)	SY	3,133	3,133		
116-662	Dangerous Cargo Pad	SY	None			
812	Elec Power-Trans & Dist Lines (Overhead & U/G, Pre & Sec Lines) (Do not include 812-921, 812-926 and 812-928)	LF	6,585	6,585		

j. N/A

k. No

l. The land is leased, the runway and facilities are owned by the USAF.

m. Light aircraft only.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 22 Aug 94
Signature

Peter A. Lewis, Capt 12 OSS/DOFR, DSN 487-6162

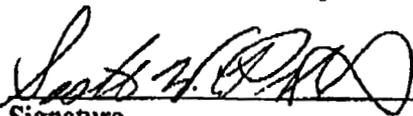
MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 22 AUG 94
Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

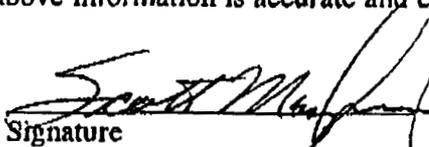
Facility Type (CCN)	Facility Description	Unit of Measure	Current Quantity	Adequate/ Permanent	Substandard Semi-Permanent	Inadequate/ Temporary
822	Heat-Trans & Distr Lines (Do not include 822-248 and 822-268)	LF	None			
832	Sewage and Indust Waste-Collection (Mains) (DO not include 832-267)	LF	None			
842	Water-Distr Sys-Potable (Do not include 842-246 and 842-249)	LF	45	45		
843	Water-Fire Protection(Mains) (Do not include 843-315, 843-316 and 843-319)	LF	None			
851	Roads (Do not include 851-142 and 851-143)	SY	36,858	36,858		
852	Veh/Equip Parking (Do not include 852-282, 852-287 and 852-289)	SY	None			

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 Aug 94
Signature

Scott W. Pillel, GS-11, 12 CES/CECC, 487-5662

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 20 Aug 94
Signature
Scott A. Mayberry, GS-13, HQ AETC/CEOE
487-3033

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US Air Force Academy CO

PURPOSE: To document the answer to Facilities question number (B.2).

SOURCE Real Property Records, 30 Jun 94.

METHOD: Extract data from above source.

CONCLUSION: USAFA

Facility Type (CCN)	Facility Description	Unit of Measure	Current Quantity	Adequate/ Permanent	Substandard /Semi-Permanent	Inadequate/ Temporary
111	Airfield Pavement-Runways (Do not include shoulders or overruns)	SY	175,852	5,276	170,576	
112	Airfield Pavements-Taxiways (Do not include Shoulders)	SY	47,022	14,107	32,915	
113	Airfield Pavements-Aprons (Do not include Shoulders)	SY	57,653	49,582	8,071	
116-662	Dangerous Cargo Pad	SY	None			
812	Elec Power-Trans & Dist Lines (Overhead & U/G, Pre & Sec Lines) (Do not include 812-921, 812-926 and 812-928)	LF	1,162,000	1,022,560	139,440	

3% adequate
69% adequate

Facility Type (CCN)	Facility Description	Unit of Measure	Current Quantity	Adequate/Permanent	Substandard Semi-Permanent	Inadequate/Temporary
822	Heat-Trans & Distr Lines (Do not include 822-248 and 822-268)	LF	92,873	65,011	27,862	
832	Sewage and Indust Waste-Collection (Mains) (Do not include 832-267)	LF	320,150	144,068	176,082	
842	Water-Distr Sys-Potable (Do not include 842-246 and 842-249)	LF	761,538	548,307	213,231	
843	Water-Fire Protection (Mains) (Do not include 843-315, 843-316 and 843-319)	LF	None			
851	Roads (Do not include 851-142 and 851-143)	SY	1,993,575	1,594,860	398,715	
852	Veh/Equip Parking (Do not include 852-282, 852-287 and 852-289)	SY	443,798	399,418	44,380	

76% adequate

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott W. Pillet
Signature

Date 20 Aug 94

Scott W. Pillet, GS-11, 12 CES/CECC, 487-5662

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott Mayberry
Signature

Date 20 Aug 94

Scott A. Mayberry, G.M. 13, HQ AETC /CFDE
487-3033

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
United States Air Force Academy CO

PURPOSE: To document the answer to Facilities question number (B.3).

SOURCE: USAFA Real Property Records as of 19 Aug 94.

METHOD: Mr John Gibson, 12 CES/CERR used the USAFA Real Property Records as of 19 Aug 94, sorted by category code to determine the major facility assets which support the flight screening function at USAFA. Building 9207's category code will be changed from 141-753 to 171-211 on 22 Aug 94 to agree with other flying training facilities owned by the 12th FTW

CONCLUSION:

Facility Type (CCN)	Facility Use	Unit of Measure	Adequate/Permanent	Substandard/Semi-Permanent	Inadequate/Temporary
131	COMMUNICATIONS-BUILDINGS	SF	13,478	0	0
141	OPERATIONS-BUILDINGS	SF	2,931	44,334	1,729
211	MAINTENANCE-AIRCRAFT	SF	78,511	7,200	0
217	MAINT-ELECTRONICS AND COMMUNICATIONS EQUIP	SF	1,740	0	0
219	MAINTENANCE-INSTALLATION, REPAIR AND OPERATION	SF	134,963	0	6,180
422	AMMUNITION STORAGE INSTALLATION AND READY USE	SF	1,957	0	0
610	ADMINISTRATIVE BUILDINGS	SF	346,756	122,082	3,280

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Facilities (cont.)

Airfield (cont.)

5. Enter the percentage of daylight undergraduate/graduate pilot and/or NFO/Navigator training sorties lost during each of the last three years due to weather, maintenance, operations, other military flights, commercial/civilian flights, or other reasons by aircraft type. Indicate if the sorties lost were from an undergraduate or graduate program.

Aircraft Type: T-41 Screening Accession

Factor		Percentage Lost		
		FY 91	FY 92	FY 93
Weather	Screening	20%	21%	22%
	Intermediate			
	Advanced			
	Etc.*			
Maintenance				
Operations				
Other Military Flights				
Civilian/Commercial Flights				
Other				
Total		20%	21%	22%

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

6. List the major factors in the "other" category in the above table. NA

7. Weather (WX): During the period of record (at least ten years), what was the yearly average:

- a. Percentage of time WX at or above 200/1? 98.5%
- b. Percentage of time WX at or above 300/1? 98%
- c. Percentage of time WX at or above 500/1? 96%
- d. Percentage of time WX at or above 1000/3? 95%
- e. Percentage of time WX 3000/5 and above? 89.5%
- f. Percentage of time WX 3000/3 and above? 90.3%
- g. Percentage of time WX 1500/3 and above? 93.5
- h. Percentage of time crosswind component to the primary runway at or below 15 knots? 88%
- i. Percentage of time crosswind component to the primary runway at or above 25 knots? 3%
- Mean number of days of icing in the local flying area? 35

Mission Requirements (cont.)

F. Weather

1. What percentage of the time (on average, by month), does the local weather affect training operations and restrict airfield sortie rates. Use the following chart and add any further descriptions on how weather generally impacts airfield and training operations (recurring wind or fog conditions, etc.).

Airfield: USAF Academy

Month	% of Hours ³ VMC	% of Hours IMC	% of Hours Below 500 ft Ceilings and 1.0 Mile Visibility	% of All Sorties Rescheduled/Canceled Due to Weather
Jan.	94	6	4	30
Feb.	90.9	9.1	6.6	32
Mar.	90.4	9.6	7.5	38
Apr.	91.5	8.5	6.1	35
May	93.7	6.3	3.6	18
June	96.9	3.1	1.5	13
July	96.9	3.1	1.9	14
Aug.	96.9	3.1	2.1	15
Sept.	92.7	7.3	4.9	17
Oct.	92.3	7.7	5.4	20
Nov.	92.7	7.3	5	32
Dec.	91.5	8.5	6.4	12(only scheduled 2 weeks)

2. Give the official planning factor for percent of sorties lost due to weather (based on historic data).

30% for Sep-Jun

³Percentage of total normal operating hours that specified weather conditions were observed (include list of normal operating hours used for this calculation).

20% for Jul-Aug

3. Do the normal weather conditions at the most frequently used training areas pose a chronic problem for scheduling training sorties? If so, are alternate training areas used? Does the use of alternate training facilities involve relocating aircraft and support personnel to other installations during certain times of the year? NO

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Future Requirements (cont.)

B. Encroachment (cont.)

(4) For consistency, use generalized land use areas in determining incompatible land uses (i.e. for residential land uses, include residences, lawns, sidewalks, driveways, local streets, etc., **NOT JUST THE RESIDENCES**). Generalized land use is the traditional nationwide planning convention and is the standard used in the typical land use maps provided by local governments. For each farm house or rural residence in Accident Potential Zone (APZ) I, add 1/2 acre of incompatible land use. NA

- (5) What is the percent current off-base incompatible land use:
- (a) Within the Clear Zone (CZ) at each end of each active runway?
 - (b) Within Accident Potential Zone (APZ) I at each end of each active runway?
 - (c) Within APZ II at each end of each active runway?
 - (d) Between the 60 Ldn and 65 Ldn noise contours (if available)?
 - (e) Between the 65 Ldn and 75 Ldn noise contours?
 - (f) Between the 75 Ldn and 80 Ldn noise contours (if available)?
 - (g) Within the 80 Ldn noise contour and above (if available)?

9. Current land use status for accident zones: reference questions 8.a.(5)(a) through 8.a.(5)(c). Describe current off-base encroachment/incompatible land use by completing the information in the following table for clear zones and accident potential zones. NA. The USAF Academy does not have an AICUZ.

Zones	Rnwy No.	Est Pop	Acres	% Incomp L-U
CZ				
APZ I				
APZ II				

NOTE: Develop a table like the above for each runway end (for example, one table for runway 19 and one table for runway 01) and identify if primary or secondary runway.

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Future Requirements (cont.)

B. Encroachment (cont)

Future local/regional community encroachment (cont.)

e. Indicate if significant development (i.e. a residential subdivision, shopping mall or center, industrial park, etc.) exists or is anticipated or has been announced or started. If so, indicate what type of land use (residential, commercial, industrial, etc.), the type and size of the development (for residential subdivision: number of housing units, number of acres, population; for shopping mall/center: number of stores, total number of acres), when completed or when completion expected. Indicate any long range (20 years) trends for new growth. NA. The USAF Academy is already encircled by residential and commercial development.

f. Has all clear zone acquisition been completed? NA

(1) If not, indicate the runway approach and number of acres to be acquired, as well as timetable and expected acquisition costs.

g. Are on-base facilities and proposed facility development sited in accordance with AICUZ recommendations? Refer to the Base Comprehensive or Master Plan. For each incompatible facility (existing or proposed), indicate facility type (dormitory, etc.), approximate number of occupants, why the facility is incompatible, the reason this incompatibility is necessary, and the anticipated completion date if projected or under construction. AICUZ in draft

C. Ability for Expansion

1. Does the operational infrastructure (e.g., parking apron, fuel and munitions storage, warehouse space, hangar space) provide capabilities for future expansion or change in mission? NO

2. What is the availability of off-installation acreage for possible future installation development? NONE

DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



6 00: 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR THE CHAIRMAN, JOINT CROSS-SERVICE GROUP FOR
UNDERGRADUATE PILOT TRAINING

FROM: SAF/MII

SUBJECT: Air Force Data Input to the Joint Cross-Service Group (JCSG) for UPT

Attached is validated Air Force data submitted to answer the 28 Sep 94 supplemental data call (Atch 2). This information will enable the JCSG for UPT to determine the functional value of Air Force flight training activities. All the data has been certified in accordance with the Air Force Internal Control Plan. Outstanding supplemental data calls are dated 27 Sep 94 and 30 Sep 94. Questions can be referred to Lt Col Mark Bruggemeyer, HQ USAF/RTR, 54578.

A handwritten signature in black ink, appearing to read "J. Boatright", written over the typed name.

JAMES F. BOATRIGHT
Deputy Assistant Secretary of the Air Force
(Installations)

Attachments:

1. Selected Question List, 28 Sep 94
2. AETC Response to 28 Sep 94 Questions

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Facilities (cont.)

A. Airfield (cont.)

5. Enter the percentage of daylight undergraduate/graduate pilot and/or NFO/Navigator training sorties lost during each of the last three years due to weather, maintenance, operations, other military flights, commercial/civilian flights, or other reasons by aircraft type. Indicate if the sorties lost were from an undergraduate or graduate program.

Aircraft Type: T-41 Screening Accession

Factor		Percentage Lost		
		FY 91	FY 92	FY 93
Weather	Screening	20%	21%	22%
	Intermediate			
	Advanced			
	Etc.*			
Maintenance				
Operations				
Other Military Flights				
Civilian/Commercial Flights				
Other				
Total		20%	21%	22%

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

6. List the major factors in the "other" category in the above table. NA

7. Weather (WX): During the period of record (at least ten years), what was the yearly average:

- a. Percentage of time WX at or above 200/1? 98.5%
- b. Percentage of time WX at or above 300/1? 98%
- c. Percentage of time WX at or above 500/1? 96%
- d. Percentage of time WX at or above 1000/3? 95%
- e. Percentage of time WX 3000/5 and above? 89.5%
- f. Percentage of time WX 3000/3 and above? 90.3%
- g. Percentage of time WX 1500/3 and above? 93.5
- h. Percentage of time crosswind component to the primary runway at or below 15 knots? 88%
- i. Percentage of time crosswind component to the primary runway at or above 25 knots? 3%
- j. Mean number of days of icing in the local flying area? 35

Mission Requirements (cont.)

F. Weather

1. What percentage of the time (on average, by month), does the local weather affect training operations and restrict airfield sortie rates. Use the following chart and add any further descriptions on how weather generally impacts airfield and training operations (recurring wind or fog conditions, etc.).

Airfield: USAF Academy

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Oct.	92.3	7.7	5.4	20
Nov.	92.7	7.3	5	32
Dec.	91.5	8.5	6.4	12(only scheduled 2 weeks)

2. Give the official planning factor for percent of sorties lost due to weather (based on historic data).

30% for Sep-Jun

³Percentage of total normal operating hours that specified weather conditions were observed (include list of normal operating hours used for this calculation).

20% for Jul-Aug

3. Do the normal weather conditions at the most frequently used training areas pose a chronic problem for scheduling training sorties? If so, are alternate training areas used? Does the use of alternate training facilities involve relocating aircraft and support personnel to other installations during certain times of the year? NO

FOR OFFICIAL USE ONLY

Future Requirements (cont.)

B. Encroachment (cont.)

(4) For consistency, use generalized land use areas in determining incompatible land uses (i.e. for residential land uses, include residences, lawns, sidewalks, driveways, local streets, etc., **NOT JUST THE RESIDENCES**). Generalized land use is the traditional nationwide planning convention and is the standard used in the typical land use maps provided by local governments. For each farm house or rural residence in Accident Potential Zone (APZ) I, add 1/2 acre of incompatible land use. NA

- (5) What is the percent current off-base incompatible land use:
- (a) Within the Clear Zone (CZ) at each end of each active runway?
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9. Current land use status for accident zones: reference questions 8.a.(5)(a) through 8.a.(5)(c). Describe current off-base encroachment/incompatible land use by completing the information in the following table for clear zones and accident potential zones. NA. The USAF Academy does not have an AICUZ.

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NOTE: Develop a table like the above for each runway end (for example, one table for runway 19 and one table for runway 01) and identify if primary or secondary runway.

FOR OFFICIAL USE ONLY

Future Requirements (cont.)

B. Encroachment (cont)

Future local/regional community encroachment (cont.)

e. Indicate if significant development (i.e. a residential subdivision, shopping mall or center, industrial park, etc.) exists or is anticipated or has been announced or started. If so, indicate what type of land use (residential, commercial, industrial, etc.), the type and size of the development (for residential subdivision: number of housing units, number of acres, population; for shopping mall/center: number of stores, total number of acres), when completed or when completion expected. Indicate any long range (20 years) trends for new growth. NA. The USAF Academy is already encircled by residential and commercial development.

f. Has all clear zone acquisition been completed? NA

(1) If not, indicate the runway approach and number of acres to be acquired, as well as timetable and expected acquisition costs.

g. Are on-base facilities and proposed facility development sited in accordance with AICUZ recommendations? Refer to the Base Comprehensive or Master Plan. For each incompatible facility (existing or proposed), indicate facility type (dormitory, etc.), approximate number of occupants, why the facility is incompatible, the reason this incompatibility is necessary, and the anticipated completion date if projected or under construction. AICUZ in draft

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DEPARTMENT OF THE AIR FORCE
WASHINGTON DC



28 SEP 1994

OFFICE OF THE ASSISTANT SECRETARY

MEMORANDUM FOR THE CHAIRMAN, JOINT CROSS-SERVICE GROUP FOR
UNDERGRADUATE PILOT TRAINING

FROM: SAF/MII

SUBJECT: Air Force Data Input to the Joint Cross-Service Group on UPT

Attached is validated Air Force data submitted to answer your selected questions for Hondo Field, TX and Falcon Field, USAF Academy, CO. These questions represent time sensitive portions of the "Capacity Analysis" data call, and are provided to determine the capacity value of Flight Screening activities at the two sites. Previously I submitted information derived from the "Military Value Analysis" data calls (Atch 2). All the data has been certified in accordance with the Air Force Internal Control Plan.

The complete Military Value and Capacity Analysis Data Calls for Hondo Field and Falcon Field will be sent to HQ USAF/RT shortly. Following receipt and certification of the data calls at the Air Staff level, I will forward them to you. Questions can be referred to Lt Col Mark Bruggemeyer, HQ USAF/RTR, 54578.



JAMES F. BOATRIGHT
Deputy Assistant Secretary of the Air Force
(Installations)

Attachments:

1. Selected Capacity Analysis Question List
2. SAF/MII memo, 2 Sep 94 (No Atch's)
3. Hondo Field Data
4. Falcon Field Data

ilities (cont.)

Airfield (cont.)

5. Enter the percentage of daylight undergraduate/graduate pilot and/or NFO/Navigator training sorties lost during each of the last three years due to weather, maintenance, operations, other military flights, commercial/civilian flights, or other reasons by aircraft type. Indicate if the sorties lost were from an undergraduate or graduate program.

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* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

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- e. Percentage of time WX 3000/5 and above? 89.5% ✓
- f. Percentage of time WX 3000/3 and above? 90.3%
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- j. Mean number of days of icing in the local flying area? 35

Mission Requirements (cont.)

F. Weather

1. What percentage of the time (on average, by month), does the local weather affect training operations and restrict airfield sortie rates. Use the following chart and add any further descriptions on how weather generally impacts airfield and training operations (recurring wind or fog conditions, etc.).

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2. Give the official planning factor for percent of sorties lost due to weather (based on historic data).

30% for Sep-Jun

23%¹⁰

³Percentage of total normal operating hours that specified weather conditions were observed (include list of normal operating hours used for this calculation).

20% for Jul-Aug

3. Do the normal weather conditions at the most frequently used training areas pose a chronic problem for scheduling training sorties? If so, are alternate training areas used? Does the use of alternate training facilities involve relocating aircraft and support personnel to other installations during certain times of the year? NO

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ure Requirements (cont.)

Encroachment (cont.)

(4) For consistency, use generalized land use areas in determining incompatible land uses (i.e. for residential land uses, include residences, lawns, sidewalks, driveways, local streets, etc., **NOT JUST THE RESIDENCES**). Generalized land use is the traditional nationwide planning convention and is the standard used in the typical land use maps provided by local governments. For each farm house or rural residence in Accident Potential Zone (APZ) I, add 1/2 acre of incompatible land use. NA

(5) What is the percent current off-base incompatible land use:

- (a) Within the Clear Zone (CZ) at each end of each active runway?
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- (f) Between the 75 Ldn and 80 Ldn noise contours (if available)?
- (g) Within the 80 Ldn noise contour and above (if available)?

9. Current land use status for accident zones: reference questions 8.a.(5)(a) through 8.a.(5)(c). Describe current off-base encroachment/incompatible land use by completing the information in the following table for clear zones and accident potential zones. NA. The USAF Academy does not have an AICUZ.

Zones	Rnwy No.	Est Pop	Acres	% Incomp L-U
CZ				
APZ I				
APZ II				

NOTE: Develop a table like the above for each runway end (for example, one table for runway 19 and one table for runway 01) and identify if primary or secondary runway.

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Future Requirements (cont.)

B. Encroachment (cont.)

10. Current land use status for noise zones: reference questions 8.a.(5)(d) through 8.a.(5)(g). Describe current off-base encroachment/incompatible land use by filling in the information in the following table for noise zones/contour intervals. NA

DNL	Est Pop	Acres	% Incomp L-U
60-65*			
65-75			
75-80*			
80+*			

* If available

11. Future local/regional community encroachment. Answer the following questions regarding future community and other land encroachment near or at the installation.

a. Provide a rough estimate of how previous BRAC or operational realignments will impact your AICUZ footprint (i.e., what types and quantities of aircraft and operations tempo increases are expected from incoming units, and what is their predicted effect on your footprints)? NA

b. How are local land use plans expected to impact the AICUZ footprints? Not expected to impact

c. If the latest publicly released AICUZ is outdated (does not reflect current flying operations), provide milestones for completion of an updated AICUZ. First AICUZ expected November 1994

d. Describe how local governments (municipalities, counties) have incorporated AICUZ recommendations into land use controls (zoning, etc.) by indicating which local governments, if any, have incorporated any of the following into their land use controls. Be sure to specify which types of controls: zoning, building codes, subdivision regulations, etc. Indicate if any new local land use control efforts are to be implemented, when implemented, what jurisdiction, and what type of controls, as well as how encroachment will be limited. AICUZ in draft

- (1) AICUZ recommended height restrictions.
- (2) AICUZ recommended development limits for Accident Potential Zone (APZ) I.
- (3) AICUZ recommended development limits for APZ II
- (4) AICUZ recommended development limits between the 60 Ldn and 65 Ldn noise contours (if available).
- (5) AICUZ recommended development limits between the 65 Ldn and 75 Ldn noise contours.
- (6) AICUZ recommended development limits between the 75 Ldn and 80 Ldn noise contours (if available).
- (7) AICUZ recommended development limits above the 80 Ldn noise contour (if available).

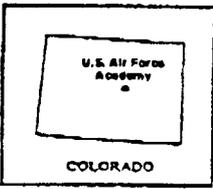
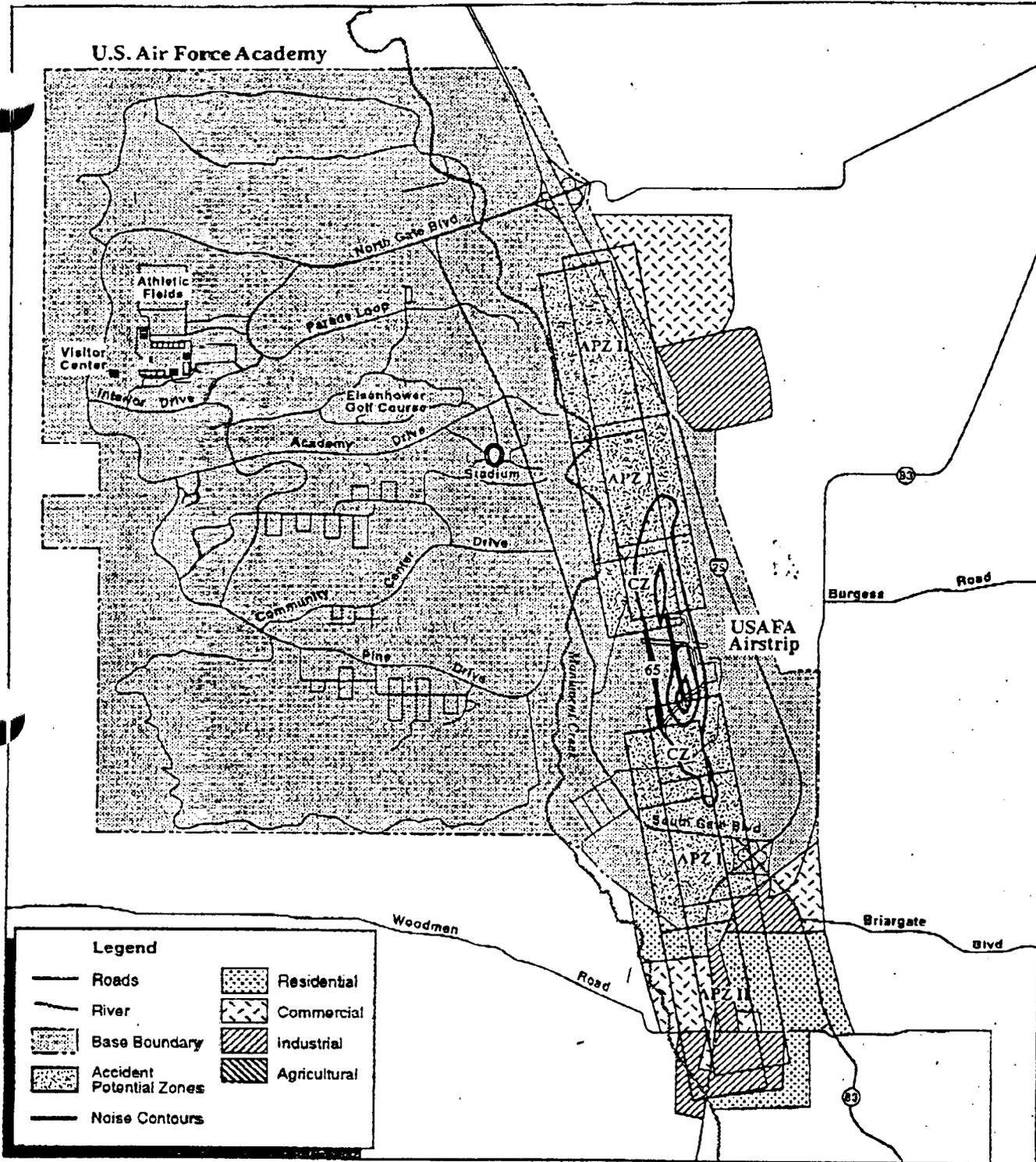
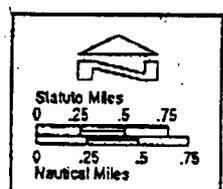


Figure 6
FUTURE LAND USE



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do not show future zoning

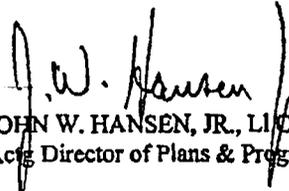
DEPARTMENT OF THE AIR FORCE
HEADQUARTERS UNITED STATES AIR FORCE
USAF ACADEMY COLORADO

MEMORANDUM FOR HQ USAF/RTR

FROM: HQ USAFA/XP
2304 Cadet Drive, Suite 352
USAF Academy CO 80840-5002

SUBJECT: Supplemental Joint Data Call for Hondo and Falcon Field Flight Screening Activities

1. We have attached page extracts to provide answers to the selected JCSG Capacity Analysis Data Call questions. We answered only those questions as required by subject letter, dated 9 Sept 94. Our complete submission will be provided by the established suspense date. In the collection of this data, we reference, the installation airfield as USAF Academy airfield.
2. If you have questions, please contact Mr. Jerry Pasley, XPM, DSN 259-3350.


JOHN W. HANSEN, JR., Lt Col, USAF
Actg Director of Plans & Programs

Attachment:
Selected JCSG UPT Capacity Analysis Data Call Questions

CLOSE HOLD

Mission Requirements

Undergraduate Flight Training (UFT) Throughput/Graduates (FLIGHT SCREENING)

1. Using the Base Force Structure as outlined in the JCS memo dated 7 February 1994, re: 1995 Base Realignment and Closures Force Structure Plan, and projected retention rates, give the projected yearly Pilot Training Rate (PTR)/Program Guidance Letter (PGL) requirements by installation for each of the next seven years.

Airfield: USAF Academy

Type of Pilot Training by Syllabus * (EXAMPLES)		Output Requirements, Attrition Factors, and Average Daily Student Load (ADSL) (include attrition factors used to establish entries to achieve output) (Output/Attrition Factor(%)/ADSL) By Fiscal Year							
		1994	1995	1996	1997	1998	1999	2000	2001
		Strike (Intermediate/Advanced)	USN	960/15%/240**	etc.				
	USMC								
	USCG								
	FMS								
Primary	USN								
	USMC								
	USCG								
	FMS								
	USAF								
USAFA	T-3	225/17%/120	225/21%/120	265/20%/150	315/20%/150	400/20%/150	400/20%/150	400/20%/150	400/20%/150
Etc.									

* Use appropriate Navy, Air Force, or Army chart see Appendix I.

** Example Entry

see change

CLOSE HOLD

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Mission Requirements (cont.)

Undergraduate Flight Training Throughput/Graduates (cont.)

4. Provide the historical attrition data for undergraduate Navigator training by syllabus for FY 91-93:

Type of Navigator Training By Syllabus * (EXAMPLES)		Historical Attrition By Fiscal Year		
		1991	1992	1993
Adv Navigator (NAV)	USN	21%**		
	FMS			
	NOAA			
SUNT Core	USAF			
	ANG			
	AFRES			
	FMS			
Etc.				

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

** Example Entry

5. Indicate in the table below the types of undergraduate pilot and NFO training currently conducted at your installation. Also give the number of pilots and NFOs trained in FY 1991, FY 1992, and FY 1993 at your installation. USAF Academy

Syllabus of Training *	Level of Training*	Graduates		
		FY 91	FY 92	FY 93
General	Flight screening	735	920	827
Strike	Intermediate			
	Advanced			
SUPT	Primary			
	BF			
	AT			
Etc/				

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

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Mission Requirements (cont.)

Flight Training

1. For each syllabus of undergraduate pilot and/or NFO/Navigator flight training and aircraft type required for that training, give the number of required sorties per graduate, flight time in the airspace/sortie, the dimensions, and the total number of flight hours required for each type of airspace listed that is used for training in that particular syllabus [Total flight hours = # Sorties x (Flight time per sortie)]. Also include additional types of airspace that could accommodate this training.

Note: For helicopter training, airspace dimensions are given as available airspace.

Syllabus of Training*: AETC SYLLABUS S-V8A-A Type Aircraft: T-41 USAF Academy

Type of Airspace	# Sorties per Graduate	Flight Time in Airspace / Sortie	Vertical Altitude (1000 ft)	Other Types of Usable Airspace	Avg Size (nm ²)	Total Flight Hours per Graduate
CLG**	11	1.5	3000	NONE	5 X 5	16.5
PAT						
AW						
ATCAA						
OWA						
OWAW						
WA						
AA						
RA						
RR						
MTR						

Key to types of airspace:

MOAs -- Military Operating Areas

WA -- Warning Areas

AA -- Alert Areas

RA -- Restricted Areas

ATCAA -- Air Traffic Control Assigned Airspace

OWAW -- Overwater Airways

RR -- Restricted Areas with Ranges

MTR -- Military Training Routes

AW-- Airways (e.g. corridors to and from training areas)

PAT -- Pattern (e.g. airspace above runways)

OWA -- Overwater Airspace

CLG -- Uncontrolled Airspace**

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

Handwritten signature and date: J. S. [unclear] 10/10/94

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Mission Requirements (cont.)

Flight Training (cont.)

2. Give the total number of day and night sorties required for each undergraduate/graduate pilot and/or NFO/Navigator training syllabus and trainer aircraft (and level of training) for student training, overhead, and the total requirement. USAF Academy

Syllabus of Training * (EXAMPLE S)	Level (Track) of Pilot Training *	Trainer Aircraft *	Sorties required per graduate					
			Student (syllabus)		Overhead ¹		Total	
			Day	Night	Day	Night	Day	Night
General	Primary	T-41C	11	NA	6	NA	17	NA
		T-3A	21	NA	10	NA	31	NA
Strike	Intermediate	T-2						
		T-45 ²						
	Advanced	TA-4J						
		T-45						
SUPT	Primary	T-37						
	BF	T-38						
	AT	T-1A						
Etc.								

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

see change

3.. Indicate your training weather minimums (ceiling/visiblity & crosswinds) by aircraft type and syllabus.

¹ Overhead includes extra flights due to unsatisfactory performance, maintenance flights, incomplete flights, instructor training, flights, warm-up flights, and instrument check flights.

² If requirements for the T-45 are still being derived, give best estimate.

CLOSE HOLD

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Mission Requirements (cont.)

Flight Training Ground School

1. Provide the ground school training requirements for undergraduate/graduate Pilot and NFO/Navigator training facilities (classrooms, simulators, labs, life support facilities, etc.) by Facility Category Code Number (CCN). Include all applicable 171-xx, 179-xx CCN's and any other CCN where Undergraduate Pilot or NFO/Navigator training occurs. Ensure that the requirements for all types of simulators (cockpit (UTD), instrument (IFT), and motion-based/visual (OFT), etc.) are indicated.

Facility Category Code (CCN): 141-453 USAF Academy

Syllabus of Training * (EXAMPLES)	Level of Training *	Facility Type(s)	Requirement (Hrs/Grad)
General	Flight Screening	CLASSROOM/BRIEFING ROOM	33.0
Strike	Intermediate		
	Advanced		
SUPT	Primary		
	Bomber/ Fighter (BF)		
	Airlift/ Tanker (AT)		
Etc.			

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

2. List any additional constraints or limitations to the flight training ground school facilities that impact the training mission.

see change

CLOSE HOLD

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Mission Requirements (cont.)

Training Airframes

1. Provide the number of aircraft (by type) that will be based at each base for use in undergraduate/graduate pilot and NFO/Navigator training programs in the Fiscal Year indicated; and the number of other aircraft not used for training. Project requirements if necessary.

Base: USAF Academy

AIRCRAFT USED FOR TRAINING

Aircraft*	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
EXAMPLE	25	25	25	25	25	20	10	0
T-34/JPATS						(JPATS 4)	(JPATS 10)	(JPATS 15)
T-3A	NOT ON LINE	56	56	56	56	56	56	56
T-41C	56	OFF INV	0	0	0	0	0	0
T-34C								
T-39								
T-43								
T-44								
T-45								
TH-57								
JPATS								

AIRCRAFT NOT USED FOR TRAINING

C-12/C-21								
H-60								

* Use appropriate Navy, Air Force, or Army chart see Appendix I.

see change

CLOSE HOLD

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Facilities

Airfield USAF Academy

1. Provide the following information for the home field and each OLF that supports undergraduate flight training. (Following 20 Questions.)

Airfield/OLF Name: _____ Location (Lat/Long and nearest town): _____

Syllabi and Level of Training Supported: _____

Ownership: _____ (Air Force/Army/Navy/Civilian)

For OLF: Distance (nm) from home field _____

2. Complete the table below to describe the airfield's annual operations (sorties flown) by type of aircraft. Give best estimate of the number of sorties if exact data not available. If sortie totals are derived from estimates, list assumptions.

TYPE AIRCRAFT: TG-3 USAF Academy

		FY 1991	FY 1992	FY 1993
Operational Sorties	Undergraduate Training Sorties			
	Graduate Training Sorties			
	Training Support Sorties*			
	Other Sorties			
	TOTAL SORTIES:	784	774	757
Non-Operational Hours ³	Standdowns			
	Maintenance			
	Other Events			

*Training Support Sorties include maintenance flights, instructor proficiency/checkrides, etc. List below the "other sorties" and "other events" included in the table above: Other information is not available.

2. Complete the table below to describe the airfield's annual operations (sorties flown) by type of aircraft. Give best estimate of the number of sorties if exact data not available. If sortie totals are derived from estimates, list assumptions.

John Newlin
23/5

³ Hours when the airfield was closed for flight operations.

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TYPE AIRCRAFT: TG-4 USAF Academy

		FY 1991	FY 1992	FY 1993
Operational Sorties	Undergraduate Training Sorties			
	Graduate Training Sorties			
	Training Support Sorties*			
	Other Sorties			
	TOTAL SORTIES:	22,949	21,067	18,927
Non-Operational Hours ⁴	Standdowns			
	Maintenance			
	Other Events			

*Training Support Sorties include maintenance flights, instructor proficiency/checkrides, etc. List below the "other sorties" and "other events" included in the table above: Other information is not available.

2. Complete the table below to describe the airfield's annual operations (sorties flown) by type of aircraft. Give best estimate of the number of sorties if exact data not available. If sortie totals are derived from estimates, list assumptions.

TYPE AIRCRAFT: TG-7 USAF Academy

		FY 1991	FY 1992	FY 1993
Operational Sorties	Undergraduate Training Sorties			
	Graduate Training Sorties			
	Training Support Sorties*			
	Other Sorties			
	TOTAL SORTIES:	1,919	2,375	2,121
Non-Operational Hours ⁵	Standdowns			
	Maintenance			
	Other Events			

*Training Support Sorties include maintenance flights, instructor proficiency/checkrides, etc. List below the "other sorties" and "other events" included in the table above: Other information is not available.

⁴ Hours when the airfield was closed for flight operations.

⁵ Hours when the airfield was closed for flight operations.

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2. Complete the table below to describe the airfield's annual operations (sorties flown) by type of aircraft. Give best estimate of the number of sorties if exact data not available. If sortie totals are derived from estimates, list assumptions.

TYPE AIRCRAFT: TG-9 USAF Academy

		FY 1991	FY 1992	FY 1993
Operational Sorties	Undergraduate Training Sorties			
	Graduate Training Sorties			
	Training Support Sorties*			
	Other Sorties			
	TOTAL SORTIES:	1,820	1,305	1,384
Non-Operational Hours ⁶	Standdowns			
	Maintenance			
	Other Events			

*Training Support Sorties include maintenance flights, instructor proficiency/checkrides, etc. List below the "other sorties" and "other events" included in the table above: Other information is not available.

TYPE AIRCRAFT: UV-18 USAF Academy

		FY 1991	FY 1992	FY 1993
Operational Sorties	Undergraduate Training Sorties			
	Graduate Training Sorties			
	Training Support Sorties*			
	Other Sorties			
	TOTAL SORTIES:	2,300	2,175	1,905
Non-Operational Hours ⁷	Standdowns			
	Maintenance			
	Other Events			

*Training Support Sorties include maintenance flights, instructor proficiency/checkrides, etc. List below the "other sorties" and "other events" included in the table above: Other information is not available. Parachute jump aircraft.

⁶ Hours when the airfield was closed for flight operations.

⁷ Hours when the airfield was closed for flight operations.

CLOSE HOLD

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Facilities (cont.)

Airfield (cont.)

8. For each independent runway complex at home field and all OLFs, provide a breakdown of daytime and nighttime airfield usage by type of training (include overhead sorties) for undergraduate flight training over the past year. Use a separate table for each runway complex. (Note: The percentages in each column are of sorties flown and should sum to 100.) (Not applicable for helicopter training.)

Runway Complex Name: USAF Academy

Syllabus of Training *	Level of Training * (Aircraft Type)	FY 1993 Airfield Use (Percent)	
		Day	Night
Flight Screening	T-3		
General	Primary (T-34/T-37)		
Strike	Intermediate (T-2/T-45)		
	Advanced (TA-4/T-45)		
Etc.			
Total		100	100

* Use appropriate Navy, Air Force, or Army chart see Appendix 1.

9. Given the current mix of aircraft assigned to your air station, what is the average number of operations per hour this airfield and each OLF can support for each runway complex over a one year period (use the number of training days/year used by your service). This number should take in account reductions in operations due to weather and the times the airfield is closed to undergraduate/graduate pilot and/or NFO/Navigator training (i.e., calculations should be based on the methodology in the FAA's Airport Capacity and Delay manual). Show how this number was derived.

<u>YEAR</u>	<u>HISTORICAL COUNT</u>
1991	215,933
1992	198,753
1993	<u>236,944</u>
Total	651,630 / 365 days/yr = 1785 / 14 hrs/day = 127.5 operations per hour

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10. Complete the table below to describe the runway activity to each runway at the home field and all OLFs. Use the FAA Airport Operations Count (traffic count) to determine departures and arrivals:

	FY 1991	FY 1992	FY 1993
Runway All Traffic Count	215,933	198,753	236,944

Operations count include simulated touch and go's.
Facilities (cont.)

A. Airfield (cont.)

11. Give the percent of VFR and IFR flight operations (departures and arrivals) at each airfield and OLF (use the flight operations data for FY91 - FY93):

	FY 1991	FY 1992	FY 1993
VFR			
IFR			
Total	100%	100%	100%

Facilities (cont.)

A. Airfield (cont.)

12. Discuss the factors that constrain the number of available student flying hours per day (e.g., AICUZ agreements).

13. Assuming that airfield operations are not constrained by operational funding (personnel support, increased overhead costs, etc.), with the present equipment, physical plant, etc., what additional capacity (in flight operations (traffic count) per hour) could be gained? Provide details and assumptions for all calculations⁸.

14. Assuming that airfield operations are not constrained by construction/equipment funds, what additional capacity (in flight operations (traffic count) per hour) could be gained? Provide details, estimated costs, and assumptions for all calculations⁹.

15. List and explain the limiting factors that further funding for personnel, equipment, facilities, etc., cannot overcome (e.g., airspace size/availability, AICUZ restrictions, environmental restrictions, land areas).

⁸ Answer for each independent runway complex at the home field and all OLFs and by aircraft type.

⁹ Answer for each independent runway complex at the home field and all OLFs and by aircraft type.

CLOSE HOLD

USAFA

FACILITIES					
CCN RUNWAYS	ADEQUATE	SUBSTAND	INADEQUATE	TOTAL	ADEQUATE
111	5276	170576		175852	3%
TAXI/APRONS					
112	14107	32915		47022	30%
113	49582	8071		57653	86%
TOTAL:	63689	40986		104675	61%
UTILITIES					
812	1022560	139440		1162000	88%
822	65011	27862		92873	70%
832	144068	176082		320150	45%
842	548307	213231		761538	72%
843					
TOTAL:	1779946	556615	0	2336561	76%
OTHER					
131	13478			13478	100%
133					
141	2931	44334	1729	48994	6%
171-51					
218					
219	134963		6180	141143	96%
610	346756	122082	3280	472118	73%
723-30					
TOTAL:	498128	166416	11189	675733	74%
CLASSROOMS					
171-10					
171-20					
171-30					
171-152					
171-211	11452			11452	100%
171-223					
171-815					
TOTAL:	11452	0	0	11452	100%
TRAINERS					
171-12					
171-35					
171-212					
TOTAL:	0	0	0	0	ERR
OTHER TNG					
171-74					
171-213	8582			8582	100%
171-214					
171-813					
TOTAL:	8582	0	0	8582	100%
HANGARS					
211	78511	7200		85711	92%
217	1740			1740	100%
TOTAL:	80251	7200	0	87451	92%

**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
United States Air Force Academy CO**

PURPOSE: To document the answer to Facilities question number (C.1).

SOURCE: Answer was taken from USAFA Real Property Records as of 19 Aug 94, sorted by category code.

METHOD: Mr John Gibson, 12 CES/CERR used the source listed above to determine the utilization of ground training facilities at USAFA.

CONCLUSION:

Facility Type (CCN)	Facility Use	Unit of Measure	Adequate / Permanent	Substandard/Semi-Permanent	Inadequate/Temporary
171-211	FLIGHT SCREENING FACILITIES Building 9207	SF	11,452	0	0
171-212	FLIGHT SIMULATOR TRAINING	SF	0	0	0
171-213	SAIL PLANE AND FLIGHT SCREENING FACILITIES FLIGHT TRAINING UPT/UNT Buildings 9201,9206	SF	8,582	0	0
171-214	PSYCHOLOGICAL TRNG	SF	0	0	0
179-219	PARACHUTE SWING	SF	0	0	0

NOTE: The Flight Screening Squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

John W. Gibson Date 21 AUG 94

Signature

JOHN W. GIBSON, GS-11, 12 CES/CERR, 487-3172

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Susan L. Huggins 21 Aug 94
Date

Signature

SUSAN L. HUGGINS.GS-12.AETC/CEPE.DSN 487-2984

Typed Name, Rank, Office Symbol, DSN Number

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US Air Force Academy CO

PURPOSE: To document the answer to Facilities question number (D.1).

SOURCE: AETC Maintenance Records, current as of 20 Aug 94, maintained by Maj James M. Galliher, HQ AETC/LGX, 487-4602, Maintenance Contract FO 561189D0207, Mr Hamilton Bucll, HQ USAFA/LGDQS, 259-3428.

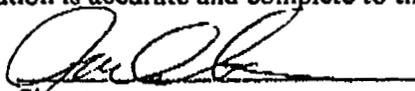
METHOD: Extract data from above sources.

CONCLUSION:

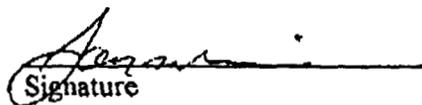
Aircraft Types	Level of Maintenance			Source	
	Depot	Intermediate	Organizational	DOD	Contract
T-41			X		X
T-3			X		X

NOTE: The flight screening squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
 Signature
JAMES D. WARREN, Capt, 12 OSS/DOF, 487-5881
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
 Signature
James M. Galliher, Major, HQ AETC/LGX, 487-4602

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US AIR FORCE ACADEMY, CO

PURPOSE: To document the answer to Facilities question number (I.1).

SOURCE: Denver Sectional Aeronautical Chart, 18 Aug 94, Maj Bruce Dopfel, Current Operations Flight Commander, DSN 259-4617, Professional Knowledge/Judgment.

METHOD: Extract data from above sources.

CONCLUSION:

Airfield Name	Major Use/Capability	Location/Distance
Colorado Springs East	Civil/Emergency	20 NM Southeast of USAFA

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 20 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

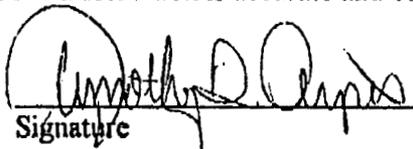
PURPOSE: To document the answer to Facilities question number (J.1).
SOURCE: Mr. John W. Gibson, GS-11, 12 CES/CERR, 487-3172.
METHOD: Professional judgment/knowledge.
CONCLUSION: None.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 22 Aug 94

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 22 Aug 94

Timothy D. Ayres, Major, HQ AETC/XOPU, 487-3390

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US Air Force Academy, Colo

PURPOSE: To document the answer to Future Requirements question number (A.2.) through (A.2.b).

SOURCE: Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, interviewed Page Panuska, Air Quality Control Section, El Paso County Environmental Health, 310 South Union Boulevard, Colorado Springs, CO 80910, (719) 578-3138. 40 CFR Part 81 for your state and your state/county regulator.

METHOD: Captain McDaniel, HQ USAFA/CEVC, DSN 259-4483 reviewed 40 CFR Part 81.306 which identified the local Air Quality Compliance Area (AQCA) San Isabel Intrastate Air Quality Control Region (AQCR 4). Captain Christopher McDaniel also interviewed Page Panuska of the Air Quality Control Section of the El Paso County Environmental Health office (719) 578-3138.

CONCLUSION: A.2 - ¹⁰⁰ Yes, AQCR 4, Colorado Springs 3-C Urbanized Area, is designated as a non-attainment area for one of the six criteria air pollutants.

A.2.a - N/A

A.2.b - AQCR 4, Colorado Springs 3-C Urbanized Area, is designated as a non-attainment area for Carbon Monoxide, Moderate. It has also been designated for PM-10 an unclassified Group II, ~~Moderate~~

see attached worksheet

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Dennis W. Kirsch Date 19 Aug 94
 Signature

DENNIS W. KIRSCH, GS-12, 12 CES/CEV, 487-4668
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

William J. Robinson Date 19 Aug 94
 Signature

William J. Robinson, CM-14, CEVC, 487-3656
 Typed Name, Rank, Office Symbol, DSN Number

DATE: 8/26/94

MEMORANDUM FOR RECORD, AF/CEVC

AIR STAFF CORRECTION WORKSHEET

PURPOSE: To provide corrected answer to Question Number A.2.b US Air Force Academy Questionnaire

SOURCE: Clean Air Act (CAA) definitions and discussion with local air quality region.

METHOD: Telecon with base MAJCOM POCs.

CONCLUSION: The word moderate was erroneously associated with the PM-10 designation of the area. The area is designated as unclassified Group II.

MAJCOM CONCURS: Per Mr. Pehlivanian, HQ AETC/CEVC, DSN 487-3656.

BASE CONCURS: Per Capt McDaniel concurs, HQ USAFA/CEVC, DSN 259-4483.

I certify that the above information is accurate and complete to the best of my knowledge and belief.

AIR STAFF REVIEWER: *D. Carrillo* **DATE:** *8/26/94*
D. Carrillo

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US Air Force Academy, Colo

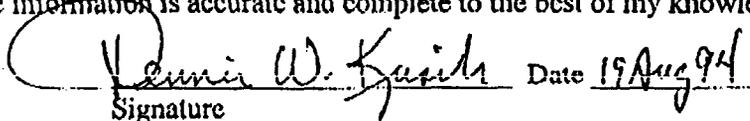
PURPOSE: To document the answer to Future Requirements question number (A.3).

SOURCE: Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, interviewed Page Panuska, Air Quality Control Section, El Paso County Environmental Health, 310 South Union Boulevard, Colorado Springs, CO 80910, (719) 578-3138. Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) San Isabel Intrastate Air Quality Control Region (AQCR 4).

METHOD: Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) San Isabel Intrastate Air Quality Control Region (AQCR 4). Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, also interviewed Page Panuska, Air Quality Control Section, El Paso County Environmental Health, 310 South Union Boulevard, Colorado Springs, CO 80910, (719) 578-3138.

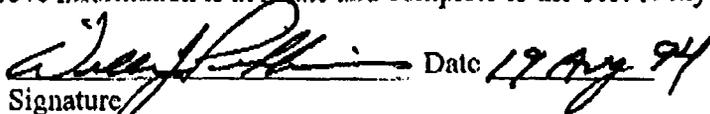
CONCLUSION: Yes, Denver is a critical air quality regions that is within 100 kilometers of the base.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
 Signature

DENNIS W. KIRSCH, GS-12, 12 CES/CEV, 487-4668
 Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
 Signature

William J. Pehlivanian, GM-14, CEVC, 487-3656
 Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy, Colo

- PURPOSE:** To document the answer to Future Requirements question number (A.4) through (A.4.c).
- SOURCE:** Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, interviewed Page Panuska, Air Quality Control Section, El Paso County Environmental Health, 310 South Union Boulevard, Colorado Springs, CO 80910, (719) 578-3138. Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) San Isabel Intrastate Air Quality Control Region (AQCR 4).
- METHOD:** Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, reviewed 40 CFR Part 52 which discussed air quality limitations of the local Air Quality Compliance Area (AQCA) San Isabel Intrastate Air Quality Control Region (AQCR 4). Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483, also interviewed Page Panuska, Air Quality Control Section, El Paso County Environmental Health, 310 South Union Boulevard, Colorado Springs, CO 80910, (719) 578-3138. Captain Christopher McDaniel, HQ USAFA/CEVC, DSN 259-4483 also interviewed Mr. West Roybal, Assistant TRIP Coordinator, 219 W. Colorado Ave., Suite 210, Colorado Springs, CO 80903, (719) 633-4211.
- CONCLUSION:** ^{2.15} (A.4) NO. There are no restrictions to on or off-base activities due to air quality considerations from the local Air Quality Board or similar organization.
- (A.4.a) N/A The Air Force Academy has implemented voluntary restriction on the use of wood burning stoves & fireplaces with Colorado Springs. This restriction is implemented only in the winter during inversion season. The restriction duration is typically several days.
- (A.4.b) NO. Page Panuska confirmed that there have not been any restrictions imposed on the Air Force Academy.
- (A.4.c) The Academy is in the initial phases of voluntary participation in the Travel Reduction Incentive Program (TRIP). This program is offered by the El Paso County Clean Air Campaign Office to encourage car pooling and cleaner alternate travel modes.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Dennis W. Kirsch Date 18 Aug 94
Signature

DENNIS W. KIRSCH, GS-12, 12 CES/CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

William J. Pehlivanian Date 18 Aug 94
Signature

William J. Pehlivanian, GM-14, CEVC, 487-3656
Typed Name, Rank, Office Symbol, DSN Number

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US Air Force Academy CO

PURPOSE: To document the answer to Future Requirements question number (B.1).

SOURCE: Chief Air Traffic Control Operations, Mr. Gregory L. Dyer, GS-15,
 Denver ARTCC, (303) 651-4248,

METHOD: Professional Knowledge/Judgment.

CONCLUSION: Yes. The commissioning of the new Denver International Airport will result in a net gain of the number of airlines that will hub at a Denver location. Three airlines plan to add Denver as a mini-hub (American, TWA and America West) and United will continue to hub in Denver. Continental is planning to cease hubbing operations in the Denver area.

*Future
 Commercial Hub*

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

P. A. Lewis Date 22 Aug 94
 Signature

Peter A. Lewis, Captain, 12 OSS/DOFR, 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 22 Aug 94
 Signature

Carl L. Claus, Captain, HQ AETC/XOSA, 487-616

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MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 U.S. Air Force Academy, CO

PURPOSE: To document the answer to Future Requirements question number (B.2).

SOURCE: Chief Air Traffic Control Operations (CATCO), TSgt Paul R. Salyers, DSN 259-2392. Quarterly Quality Data and Air Traffic Control Board Minutes. Professional Knowledge/Judgement.

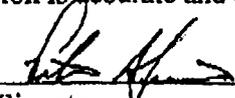
METHOD: Extract data from the above source and solicit inputs from appropriate wing agencies.

CONCLUSION:

Fiscal Year	Average Delay (minutes)	Number of Delays	% of Total Flight Operations Affected
1991	0	0	0
1992	0	0	0
1993	0	0	0

NOTE: The installation is a Visual Flight Rules (VFR) tower operation only and is not required to interface with ATC during operations.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 _____ Date 28 Aug 94
 Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-5580

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 _____ Date 20 AUG 94
 Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Air Force Academy

PURPOSE: To document the answer to Future Requirements question number (B.4) through (B.4.b).

SOURCE: Mr. John Raie, HQ USAF/CEVP, 225-8942

METHOD: Telephone conversation with Air Staff personnel, Professional Judgment and Knowledge.

CONCLUSION: ^{PO}
Not Applicable, the Air Force Academy does not have an AICUZ.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Scott B. Shepherd Date 19 Aug 94
Signature
Scott B. Shepherd, GS-11, 12 CES, CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Jack Siegel, Jr. Date 19 Aug 94
Signature
Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Air Force Academy

PURPOSE: To document the answer to Future Requirements question number (B.9)

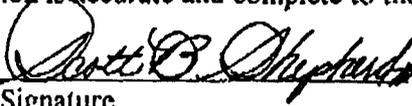
SOURCE: Mr. John Baic, HQ USAF/CEVP, 225-8942

METHOD: Telephone conversation with Air Staff personnel, Professional Judgment and Knowledge.

CONCLUSION:

Not Applicable, the Air Force Academy does not have an AICUZ.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature

Scott B. Shephard, GS-11, 12 CES, CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature

Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Air Force Academy

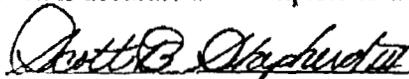
PURPOSE: To document the answer to Future Requirements question number (B.11.d.8)

SOURCE: Mr. John Baic, HQ USAF/CEVP, 225-8942

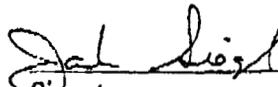
METHOD: Telephone conversation with Air Staff personnel, Professional Judgment and Knowledge.

CONCLUSION: Not Applicable, the Air Force Academy does not have an AICUZ.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature
Scott B. Shepherd, GS-11, 12 CES, CEV, 487-4668
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94
Signature
Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352
Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
Air Force Academy

PURPOSE: To document the answer to Future Requirements question number (B.11.f) and (B.11.f.1)

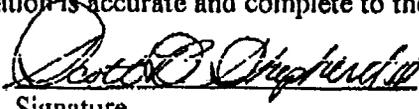
SOURCE: Mr. John Baie, HQ USAF/CEVP, 225-8942

METHOD: Telephone conversation with Air Staff personnel, Professional Judgment and Knowledge.

CONCLUSION:

Not Applicable, the Air Force Academy does not have an AICUZ.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94

Signature

Scott B. Shepherd, GS-11, 12 CES, CEV, 487-4668

Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 19 Aug 94

Signature

Jack Siegel, Jr., GM-13, AETC/CEPR, 487-6352

Typed Name, Rank, Office Symbol, DSN Number

MILITARY VALUE ANALYSIS
 INSTALLATION WORKSHEET
 US Air Force Academy, Colo

PURPOSE: To document the answer to Manpower Implications question number (A.1.a.2)

SOURCE: Current (30 Sep 93) DD Form 1410, Family Housing Inventory and Occupancy report, and 28 Feb 94 HAF LEE (AR 7115) report.

METHOD: Extract data including temporary conversions and excluding permanent conversions (prior to 28 Feb 94). Leave all non-applicable blocks blank.

CONCLUSION:

Type of Quarters	Number of Bedrooms	Total number of units	Number Adequate/ Permanent	Number Substandard/ Semi-Permanent	Number Inadequate/ Temporary
Officer	4+	198	198		
Officer	3	422	422		
Officer	1 or 2				
Enlisted	4+	70	70		
Enlisted	3	463	463		
Enlisted	1 or 2	76	76		
Mobile Homes					
Mobile Home lots					

1229

Flight Screening is a tenant organization. The US Air Force Academy owns all facilities including Flight Screening facilities. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Mable R. Bailey Date 19 Aug 94
Signature

MABLE R. BAILEY, GS-9, Acting HSG MGR, 12CES/CEH, 487-3334
Typed Name, Rank, Office Symbol, DSN Number

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

W.B. Hogan Date 19 Aug 94
Signature

W.B. HOGAN, GS-12, HQ AETC/CEPH, 487-3133
Typed Name, Rank, Office Symbol, DSN Number

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**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO**

PURPOSE: To document the answer to Manpower Implications question number (A.2)

SOURCE: USAFA Real Property Records, 19 Aug 94; USAF Academy Library System Statistical Monthly Report, Jul 94; Nonappropriated Fund Financial Statement, Jun 94; Col Michael L. Hogan, Director of Services, 259-4801; Gennelle C. Howell, GM-13, Resource Management Flight Chief, 259-4812.

METHOD: Extract data from above sources.

CONCLUSION:

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Facility	Unit of Measure	Total	Profitable (Y,N,N/A)
Auto Hobby	Indoor Bays	17	NA
	Outdoor Bays	None	
Arts/Crafts	SF	3,674	NA
Wood Hobby	SF	3,117	NA
Bowling	Lanes	20	Y
Enlisted Club	SF	17,564	Y
Officer's Club	SF	33,079	Y
Library	SF	4,622	NA
Library	Books	36,729	NA
Theater	Seats	None	
ITT	SF	500	NA
Museum/Memorial	SF	None	
Pool (indoor)	Lanes	7	NA
Pool (outdoor)	Lanes	6	NA
Beach	LF	None	
Lake	Each	3	NA
Tennis CT	Each	7	NA

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Facility	Unit of Measurc	Total	Profitable (Y,N,N/A)
Volleyball CT (outdoor)	Each	2	NA
Basketball CT (outdoor)	Each	None	
Racquetball CT (indoor)	Each	8	NA
Squash CT	Each	None	
Golf Course	Holes	36	Y
Driving Range	Tee Boxes	22	Y
Gymnasium Annex	SF	7,100	NA
Fitness Center	SF	38,399	NA
Marina	Berths	None	
Stables	Stalls	102	Y
Rod and Gun Club/Range	Each	None	
Softball Fld	Each	2	NA
Football Fld	Each	None	
Soccer Fld, Youth	Each	2	NA
Youth Center	SF	17,526	NA
Baseball Field, Youth	EA	6	NA

$\frac{23}{30} = 77\%$

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NOTE: The flight screening squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature

Robert E. Herring, GS-11, HQ AETC/SVFL, 487-6217

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FOR OFFICIAL USE ONLY

MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Manpower Implications question number (A.4.a).

SOURCE: DoD Certification Inspection Standard, 1990; National Academy Accreditation Standard.

METHOD: Extract data from above sources.

CONCLUSION:

Age Category	Capacity (Children)	SF			# of PN on Wait List	Avg Wait (Days)
		Adequate/Permanent	Substandard/Semi-Permanent	Inadequate/Temporary		
0-6 Mos	4	224			10	32
6-18 Mos	12	672			23	22
18 Mos-5yrs	208	4,592	8,224		32	20

= 320
= 504
= 640

Avg Wait = 23

NOTE: The flight screening squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature] Date 22 Aug 94
Signature

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

[Signature] Date 22 Aug 94
Signature

Robert E. Herring, GS-11, HQ AETC/SVFL, 487-6217

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Manpower Implications question number (A.4.b)
SOURCE: USAFA Real Property Records, 19 Aug 94.
METHOD: Extracted data from above source.
CONCLUSION: No facilities are inadequate/temporary.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

John W. Gibson Date 20 Aug 94
Signature

John W. Gibson, GS-11, 12 CES/CERR, 487-

3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Robert E. Herring Date 20 Aug 94
Signature

Robert E. Herring, GS-11, HQ AETC/SVEL

487-6217

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Manpower Implications question number (A.4.c)

SOURCE: Ms Donna Head, GS-12, Youth Flight Chief, 259-4733.

METHOD: Professional judgment/knowledge.

CONCLUSION: Family Day Care homes are available for child care. Other facilities which include Base Chapel, Recreation Center, and youth Center are used to care for children on a short term basis.

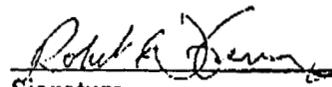
NOTE: The flight screening squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature _____ Date 22 Aug 94

Robert E. Herring, GS-11, HQ AETC/SVFL, 487-6217

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MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO

PURPOSE: To document the answer to Manpower Implications question number (A.4.d)

SOURCE: Mr. Dick Siebel, GS-12, HQ AFSPC/SVPY, 809-4210.

METHOD: Professional judgment/knowledge.

CONCLUSION: YES. Peterson Air Force Base. 350 children.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 20 Aug 94

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.


Signature Date 20 Aug 94

Robert E. Herring, GS-11, HQ AETC/SVFL, 487-6217

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**MILITARY VALUE ANALYSIS
INSTALLATION WORKSHEET
US Air Force Academy CO**

PURPOSE: To document the answer to Manpower Implications question number (A.4.f)

SOURCE: USAFA Real Property Records, 19 Aug 94; Chaplain James Price, USAFA Command Chaplain, 259-2856.

METHOD: Extract data from above sources.

CONCLUSION:

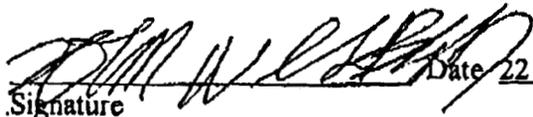
Service	Unit of Measure	Qty
Exchange	SF	35,000
Gas Station	SF	4,078
Auto Repair	SF	2,407
Auto Parts Store	SF	817
Commissary	SF	68,000
Mini-Mart	SF	1,077
Package Store	SF	3,167
Fast Food Restaurants	Each	1
Bank/Credit Union	Each	1 of each
Family Service Center	SF	4,310
Laundromat	SF	None
Dry Cleaners	Each	1
Alcohol Rehabilitation Center	PN	None
Chapel	PN	1,800
FSC Classroom/Auditorium	PN	None

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NOTE: The flight screening squadron is a tenant organization. The US Air Force Academy owns all facilities including those utilized by the flight screening squadron. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature

John W. Gibson, GS-11, 12 CES/CERR, 487-3172

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

 Date 22 Aug 94
Signature

Robert E. Herring, GS-11, HQ AETC/SVFL, 487-6217

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**CAPACITY ANALYSIS
INSTALLATION WORKSHEET
US AIR FORCE ACADEMY, CO**

PURPOSE: To document the answer to Facilities question number (A.18)

SOURCE: FLIP VFR Supplement, 26 May 94, Airfield Project Level Pavement Management Plan, 9 Nov 93.

METHOD: Extract data from above sources.

CONCLUSION:

Runway/Lane/Pad (Airfield Name & Runway Designation)	Length (ft)	Width (ft)	Load Bearing Capacity (lbs/ft ²)	Lighting					Arresting gear type and location	IFR or VFR (I or V) Capable? Night (N) Capable?	Approach Aids (IFR/ VFR)
				F	P	C	N	G			
16R/34L	4500	75	12,500*				X		N/A	V	N/A
16R	3500	75	12,500*				X		N/A	V	N/A
16G/34G	1500	25					X		N/A	V	N/A
08/26	2300	75	12,500*				X		N/A	V	N/A
BULLSEYE OLF 17/35	3500	75					X		N/A	V	N/A

* The only load bearing data available indicates a capacity of handling a 12,500 lb aircraft (UV-18).

Flight Screening is a tenant organization. The US Air Force Academy owns all facilities including Flight Screening facilities. These facilities also support other Academy missions.

Preparer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Peter A. Lewis Date 22 Aug 94
Signature

Peter A. Lewis, Capt, 12 OSS/DOFR, DSN 487-6162

MAJCOM Reviewer: I certify the above information is accurate and complete to the best of my knowledge and belief.

Carl L. Claus Date 22 AUG 94
Signature

Carl L. Claus, Capt, AETC/XOSA, DSN 487-6162