

 **Train the World's Best Military Aviators!** 



*Lt Col Scott "Speedy" McCreedy, Assistant  
Director of Operations, 87<sup>th</sup> FTS*

 **Why Laughlin?** 

- Base Culture
- Current BRAC Proposal
- Introduction to Fighter Fundamentals (IFF)
- Potential Impact
- Airspace

Library Routing Slip 2005 BRAC Commission Materials  
Title of Item: Base Visit Briefings  
Installation or Community: Laughlin Air Force Base  
Source: Base  
Certified Material? no  yes  no  
Analyst / Provider: Tanya Cruz Date Received: 6/17/05



## Laughlin's Culture



- People
- Airspace
- Ramp space and base space
- Pilot pipeline
- Maintenance expertise



## Proposed BRAC Changes



- 182 Personnel
  - 102 Military
  - 80 Civilian
- 14 T-6s added
- 13 T-38Cs added
- Similar and compatible missions
  - Expands existing Phase II mission
  - Adds Phase IV mission



## IFF Facts



- Introduction to Fighter Fundamentals (IFF)
- Objective: Graduate students with a basic understanding of fighter fundamentals including
  - Wingman responsibilities
  - Situational awareness
  - Judgment/decision making
  - Crew coordination/flight integrity
- Syllabus accomplished in 40 Training days (2 months)
  - 85 hours of academics
  - 11 simulator sorties
  - 19 T-38C flights



## Potential Benefits



- Decreased PCS/TDY costs to AF
  - Stay increased from 12-14 mo – no TDY for IFF track
- Reduce/Eliminate delay from SUPT to IFF
  - Currently 2-5 month wait from SUPT to IFF



## Airspace



- Greatest asset
- Close, self owned and controlled
- Variety of Military Operating Areas (MOA) and Military Training Routes (MTR)s
- Few noise sensitive issues



## Laughlin's Appeal



- Mission focus "second to none"
- Awesome people that understand mission
- Weather/airspace/culture maximize efficiency
- Centralized maintenance

# Air Education and Training Command

*"The First Command ... Recruiting, training, and educating professional airmen to sustain the combat capability of America's Air Force"*



**U.S. AIR FORCE**

**Welcome  
Ms. Tanya Cruz**

Colonel Teresa Daniell  
Commander, 47th Mission Support Group

*Integrity - Service - Excellence*



## 47th Flying Training Wing



**Through TRUST and TEAMWORK  
Train Expeditionary Airpower Experts  
To Fight and Win America's Wars**

Delivery Routing Slip 2005 BRAC Commission Materials

Base Vi-Bit Briefings  
Community: Laughlin Air Force Base  
Base

?            yes             no

Tanya Cruz Date Received: 6/17/05



## Lt Jack T. Laughlin



KIA: 29 January 1942



## Laughlin Heritage



### *Air Force Outstanding Unit Awards*

- 1 Jul 1958 – 30 Jun 1960
- 1 Jan 1973 – 31 Dec 1973
- 1 Jan 1976 – 28 Feb 1977
- 1 Jan 1979 – 30 Apr 1980
- 1 Apr 1986 – 31 Mar 1988
- 16 Mar 1989 – 15 Mar 1991
- 1 Jul 1991 – 30 Jun 1993
- 1 Jul 1997 - 30 Jun 1999

### *Campaign Streamers World War II*

#### American Theater

Antisubmarine

#### EAME Theater

Algeria-French Morocco

Tunisia

Sicily

Naples-Foggia

Anzio

Rome-Arno

Southern France

North Apennines

Po Valley

Air Combat

### *Distinguished Unit Citations*

North Africa, 22 Feb 1943

Po Valley, 21-24 Apr 1945

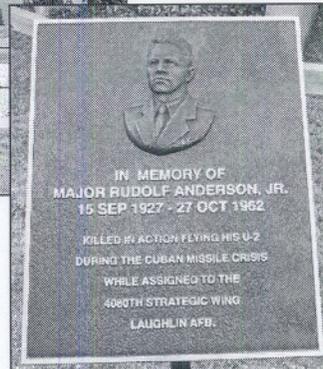




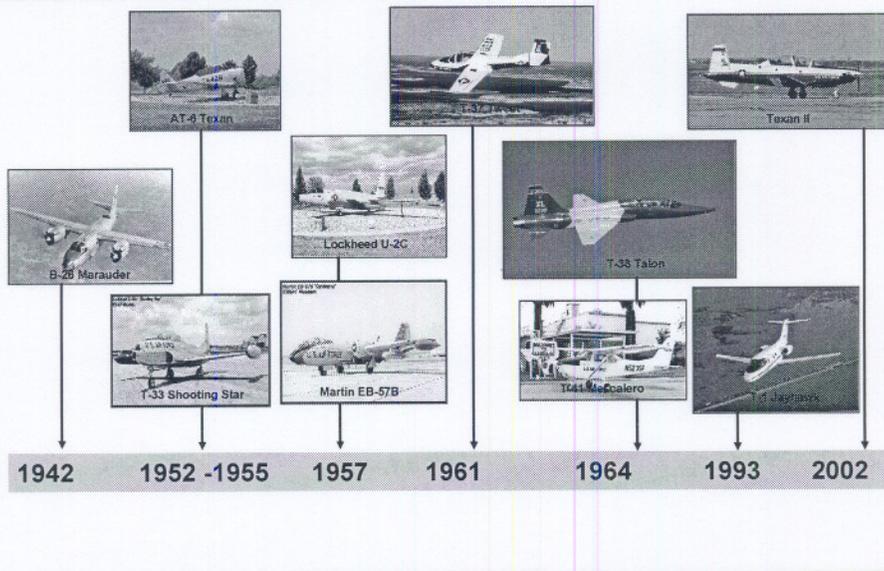
# Cuban Missile Crisis

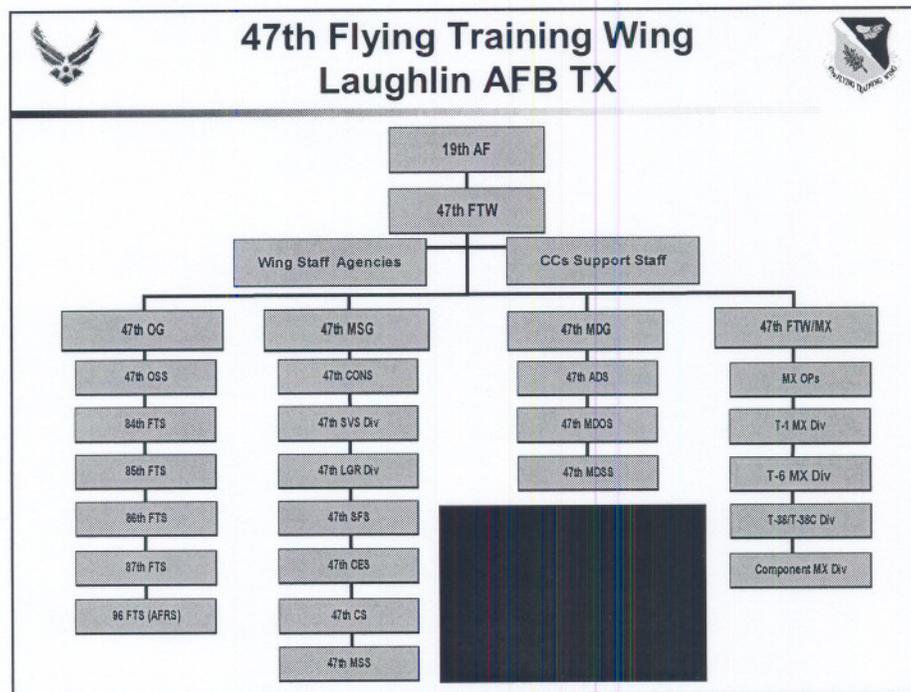
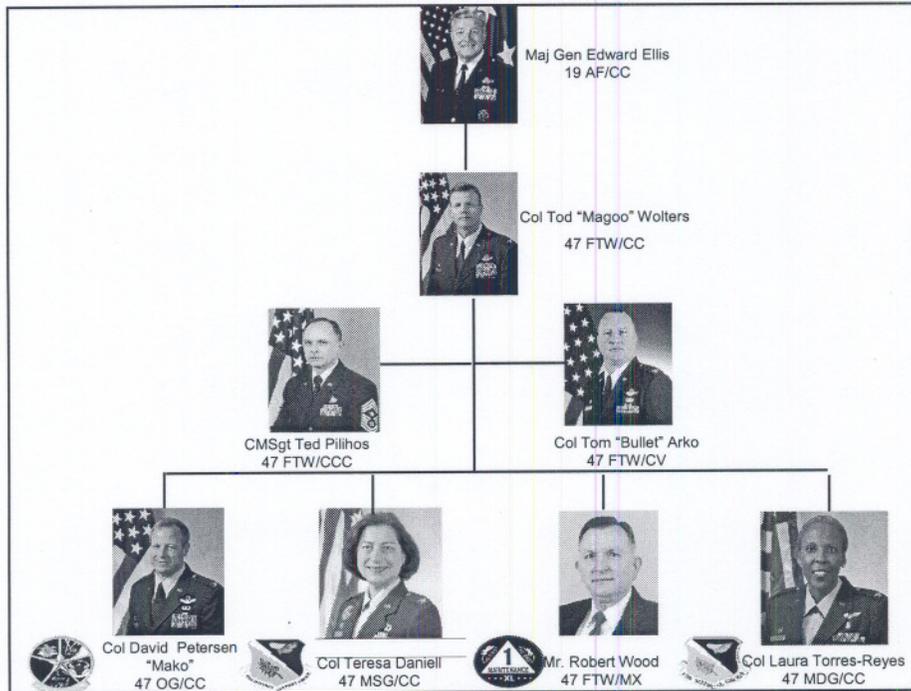


U-2 Dragon Lady



# Laughlin Heritage







# 47th Flying Training Wing Laughlin AFB TX



## 47th FTW

Officer / Enlisted / Civilian / Contract Manpower Equivalent / Total  
(O/E/C/CME/Tot)

Authorized: 374/ 533/ 880/ 714/ 2501

Assigned: 365/ 574/ 861/ 0/ 1800

### 47th FTW STAFF AGENCIES

Authorized:  
17/ 28/ 15/ 0/ 60

Assigned:  
22/ 31/ 15/ 0/ 68

### 47th CPTS

Authorized:  
2/ 13/ 10/ 0/ 25

Assigned:  
5/ 16/ 11/ 0/ 32



# 47th Flying Training Wing Laughlin AFB TX



(O/E/C/CME/Tot)



508 STUDENT PILOTS

### 47th OSS

Authorized:  
24/ 105/ 14/ 79/ 222

Assigned:  
22/ 123/ 14/ 0/ 159

### 84 FTS

Authorized:  
69/ 71/ 1/ 0/ 77

Assigned:  
56/ 4/ 1/ 0/ 61

### 87 FTS

Authorized:  
72/ 8/ 1/ 0/ 81

Assigned:  
50/ 5/ 1/ 0/ 56

Note: CMEs are  
not counted in  
assigned.

### 85 FTS

Authorized:  
60/ 6/ 1/ 0/ 67

Assigned:  
57/ 4/ 2/ 0/ 63

### 86 FTS

Authorized:  
68/ 7/ 1/ 0/ 76

Assigned:  
66/ 4/ 1/ 0/ 71

### 96 FTS

Authorized:  
57/ 1/ 0/ 0/ 58

Assigned:  
0/ 0/ 0/ 0/ 0

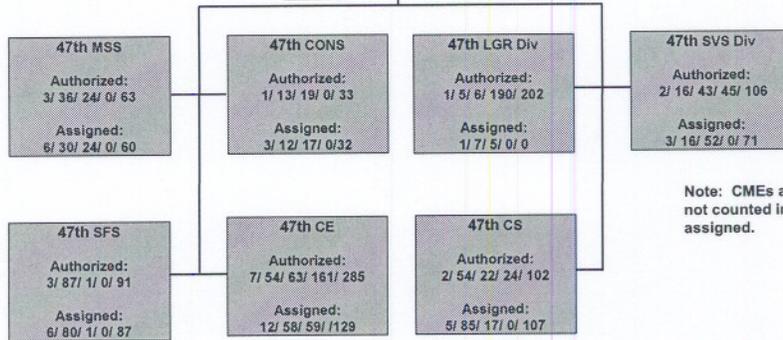
OPR: 47 FTW/MO (CMSgt Brennan, x5736)



# 47th Flying Training Wing Laughlin AFB TX



(O/E/C/CME/Tot)



Note: CMEs are not counted in assigned.

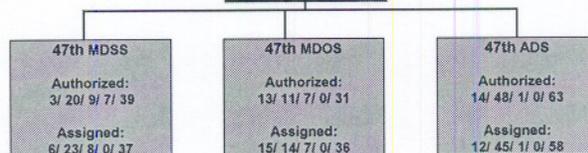
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# 47th Flying Training Wing Laughlin AFB TX



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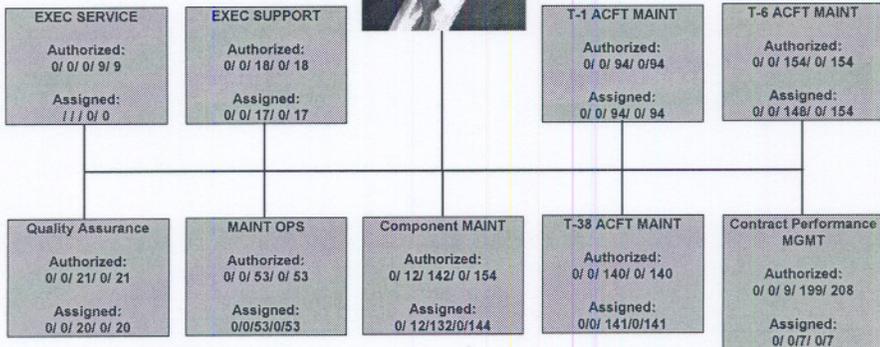
# 47th Flying Training Wing Laughlin AFB TX



(O/E/C/CME/Tot)



Note: CMEs are not counted in assigned.



OPR: 47 FTW/MO (CMSgt Brennan, x5736)



## Specialized Undergraduate Pilot Training

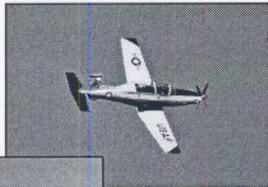


### 52-Week Program:

Phase I: Academics & physiology

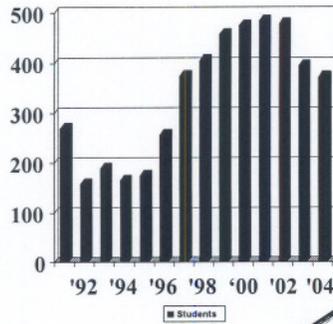
Phase II: Primary training in T-6

Phase III: T-38, T-1, T-44, or UH-1





# Training Tempo



Students Entering SUPT

Flight Operations  
(CY 04)

	Sorties	Hours
T-37	9,654	12,398
T-38	17,984	21,067
T-41	12,994	29,810
T-6	22,288	30,543
Totals	62,920	93,818

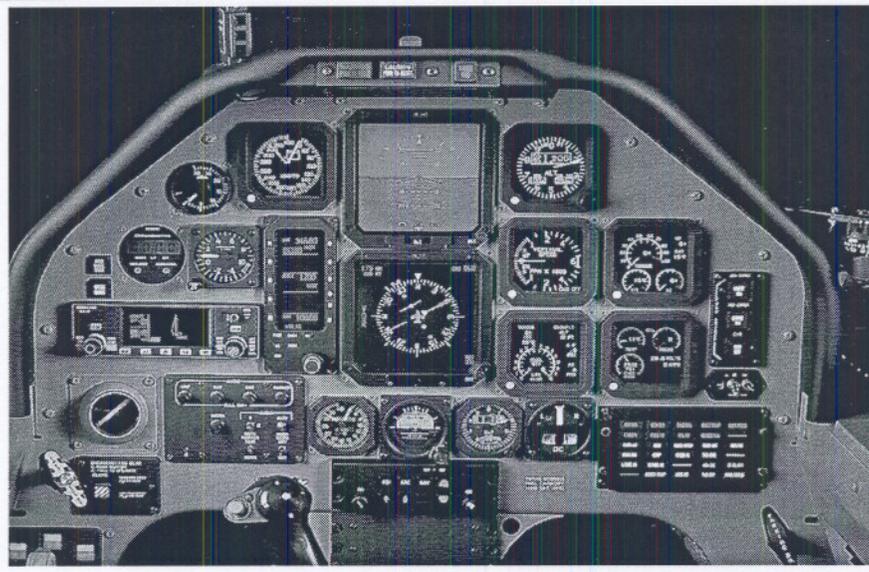


# T-6A Texan II

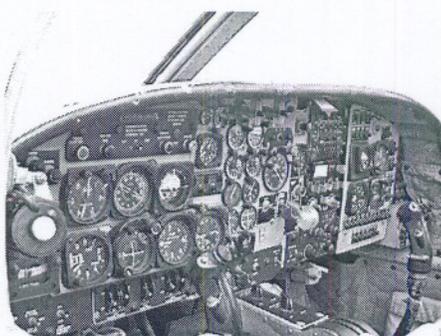




## T-6A Front Cockpit



## Cockpit Comparison



T-37B



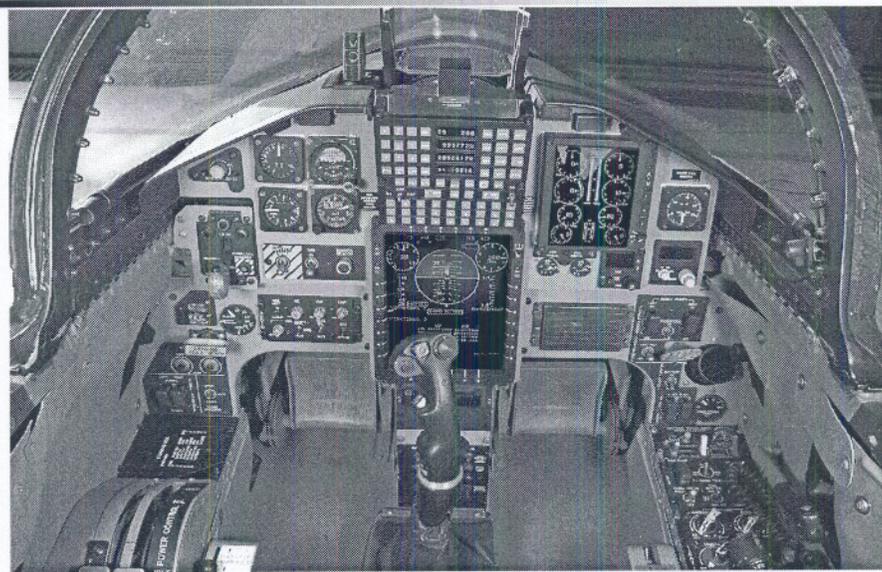
T-6A



## T-38A/C Talon

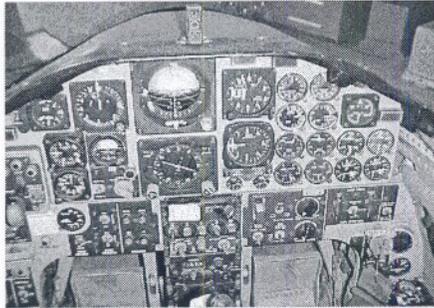


## T-38C Front Cockpit





# Cockpit Comparison



T-38A



T-38C



# T-6A/T-38C Beddown Schedule



CY	T-6A PAI/BAI			T-6A Attr Res			T-38C AUP			T-38C PMP			
	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010	2011	2012	2013
Assigned/Auth	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D	M J S D
37/37 T-6A <b>Randolph</b>		100%											
*51/39 T-38C				83%	26%								
46/40 T-6A <b>Moody</b>		125%											
69/69 T-38C		100%	100%										
87/96 T-6A <b>Laughlin</b>			91%		64%								
50/78 T-38C													
0/74 T-6A <b>Vance</b>													
60/63 T-38C			95%										
0/72 T-6A <b>Columbus</b>													
66/67 T-38C		88%											
0/63 T-6A <b>Sheppard</b>													
0/124 T-38C													Jan 13

\*12 spares for PMP mod

Note: AFMC/ACC scheduled to receive 56 T-38Cs beginning Sep 08, currently not funded

As of 1 June 2005



# T-1A Jayhawk



# Non-Laughlin Phase III Trainers



T-44

Corpus Christi, TX



UH-1

Fort Rucker, AL



# Total Aircraft

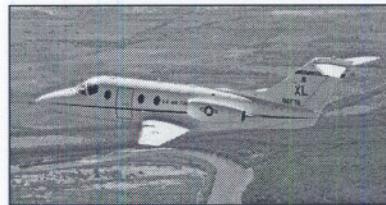


T-6: 91



T-38A: 24 / T-38C: 50

**Total: 217**

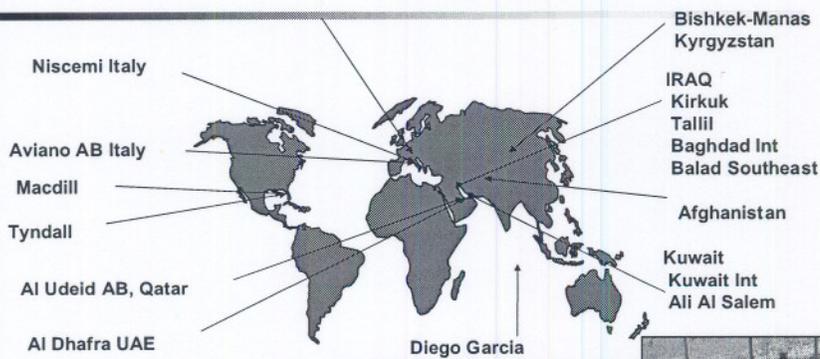


T-1: 52

OPR: 47 FTW/MXX (Mr. Bryant)



# Warfighting



- *Individuals deployed*
- *Ops tempo*
  - *UTC increase*
- *Impact on local mission*





Current MilCon



## Security Forces Complex



SCOPE: \$3.6M



Current MilCon



## Fitness Center



SCOPE: \$12.0M



## Current MilCon



### Consolidated Wing Support Facility



SCOPE: \$8.0M



### T-1 Squadron Ops Facility



- Building 401
  - 12,000 square feet--Half the space required
  - Flight rooms overcrowded
  - Inadequate operations center and office space





## T-1 Squadron Ops Facility

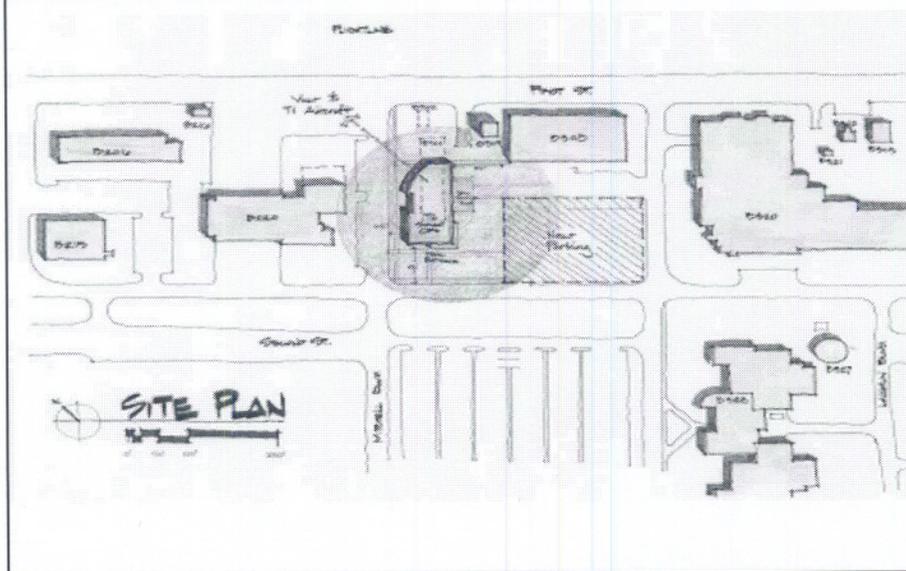


- Background
  - Building originally designed for special weapons
  - T-1 ops moved to bldg 401 in 1998
    - Due to mission increases, greater ops tempo, and activation of second T-37 squadron
    - Self-help remodeling project
- Today
  - 94 instructors and 130 students work in bldg 401 daily
    - T-1 sq graduates 230+ new pilots every year

-- More than any other squadron in the AF! --



## New Building Site





## Current FYDP



### UOQ for SUPT Students (Phase 1)

- Current billeting arrangements
  - 84 students housed in 42 family housing duplexes
  - Off-base housing expensive
  - Limited off-base housing available
- Future student officer UOQ
  - "Centralized"
  - Modern communications
  - On-call temperature control
  - Allows upgrade of existing UOQs



## 2002 Hail Storm



Fleet size: 96

Cost per aircraft: \$4.6M



XL

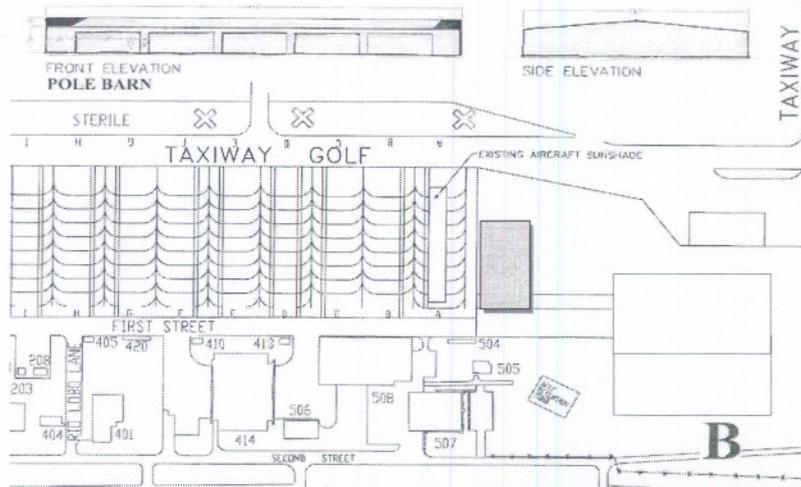
AF 376



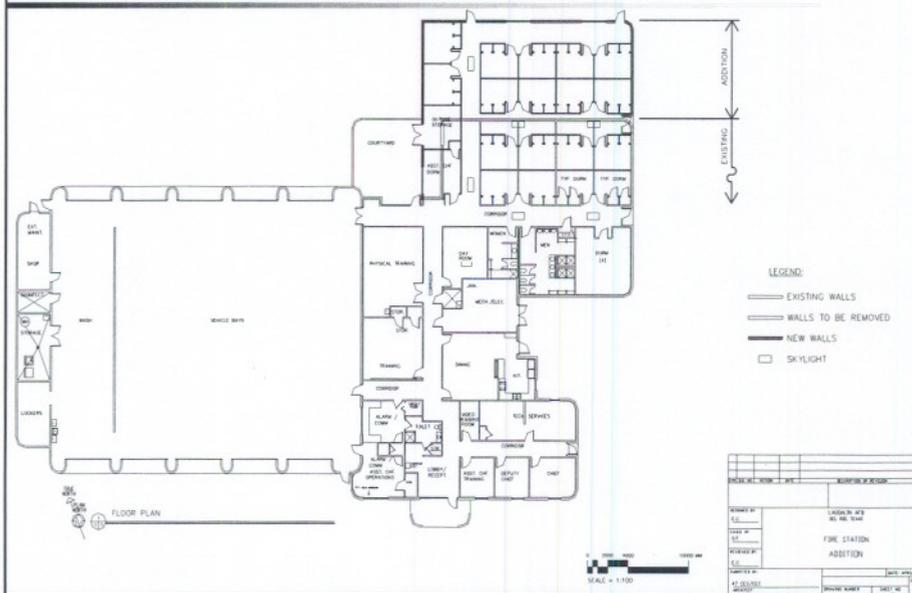
# Current FYDP



## Aircraft Weather Shelter

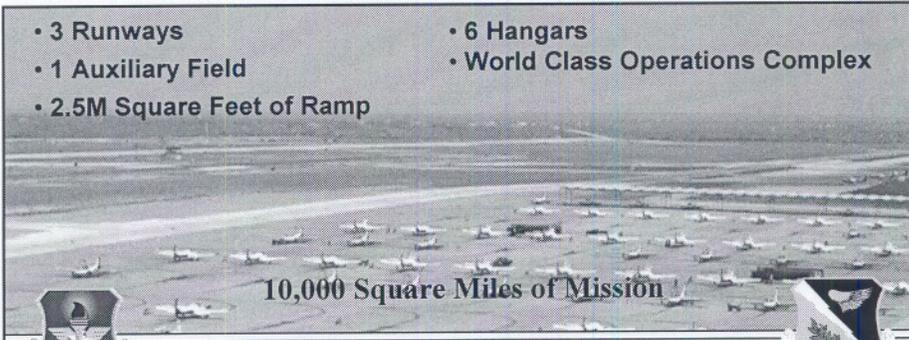


## Fire Station Addition



- 3 Runways
- 1 Auxiliary Field
- 2.5M Square Feet of Ramp

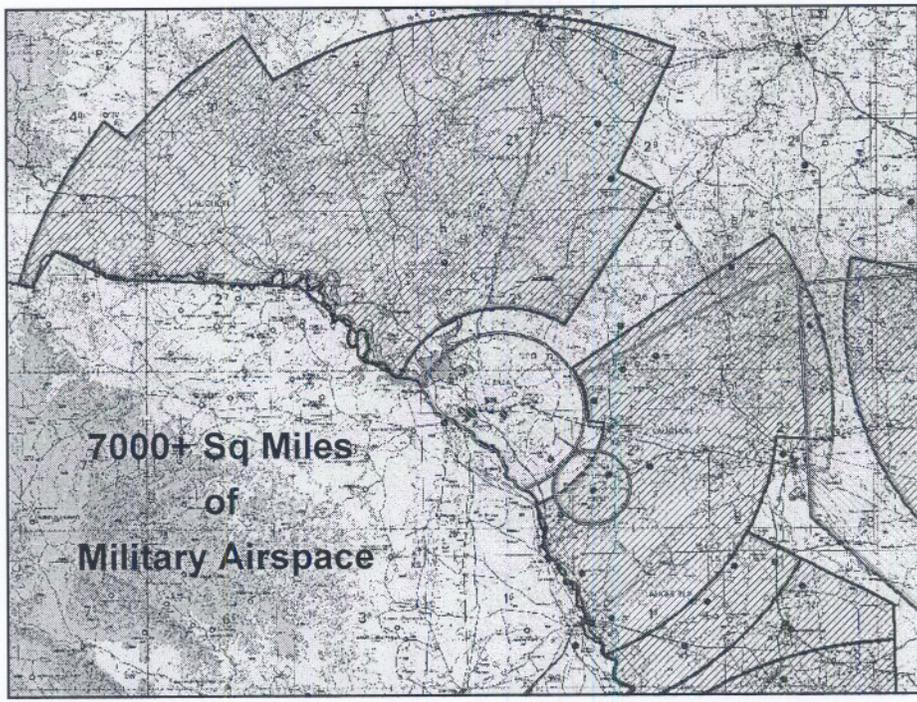
- 6 Hangars
- World Class Operations Complex

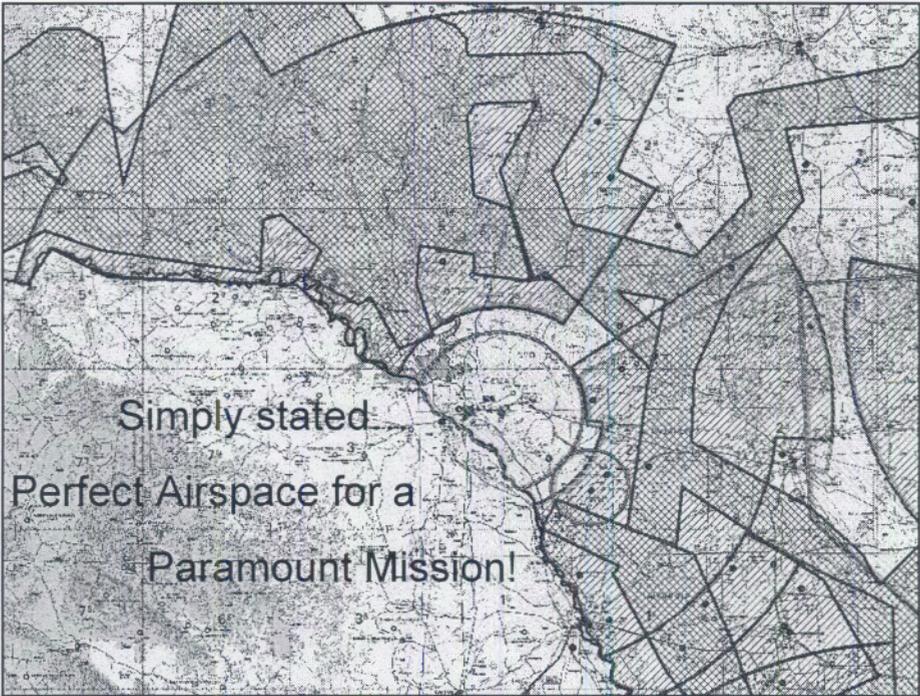
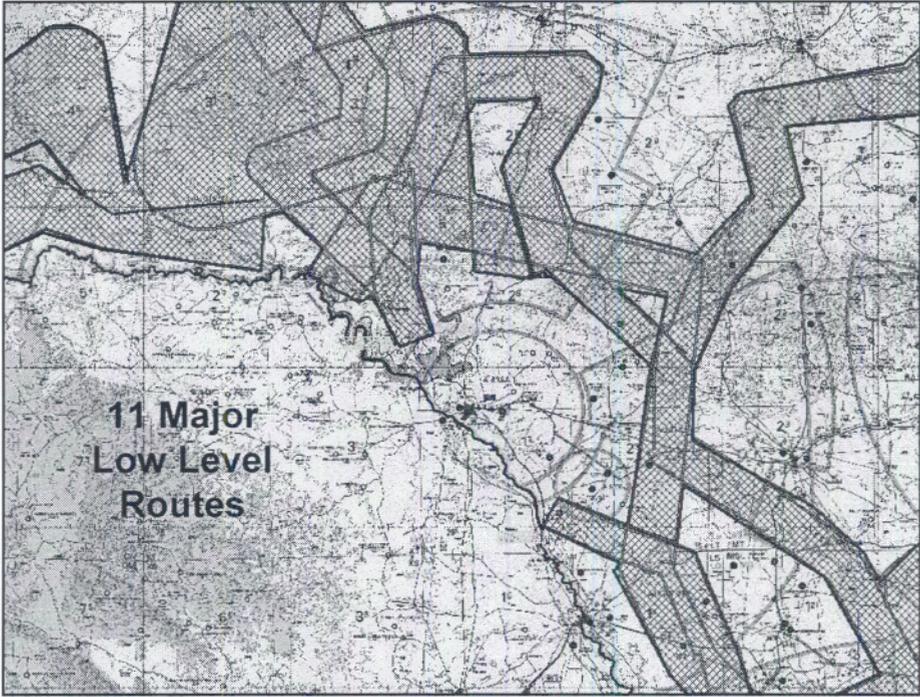


10,000 Square Miles of Mission



50 Square Miles of Support







## Tooth to Tail



### ***Laughlin snapshot...***

**Sorties:** Most in Air Force  
**Flying hours:** Most in Air Force  
**Aircraft:** Most in Air Force  
**Airfield:** Fourth busiest in USAF  
**Airfield:** Sixth busiest in world  
**Takeoffs:** Every 3 minutes  
**Flying window:** 16 hours  
**Airspace:** Houston Center's largest; 7.1K sq-miles  
**Graduates:** 400+ per year

*The largest pilot training wing in the world  
 at a bargain basement price!*



## Del Rio & Laughlin



**Tied together by patriotism and purpose...**



**Lake Amistad Clean Up**



**Boy Scout Camp**



**Grow Your Own**

- *Approximately \$200 million*
- *Largest employer in the region*
- *Accounts for 26% of the workforce!*