

Incoming SUPT Students Laughlin AFB, TX



XL

**AMERICA'S AIRPOWER
STARTS HERE!**



April 2019



Laughlin AFB, TX

**Welcome to Laughlin AFB, TX
and the 47 Flying Training Wing**



47 FTW Mission

Building combat-ready Airmen, leaders and pilots!

Welcome to Specialized Undergraduate Pilot Training. You can best prepare by understanding our mission, knowing how to reach us with questions, and reading this Welcome Package in full.



Laughlin AFB, TX

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DEPARTMENT OF THE AIR FORCE 47TH FLYING TRAINING WING (AETC)

1 May 2019

MEMORANDUM FOR INCOMING SUPT STUDENTS

FROM: 47 STUS/CC

SUBJECT: Welcome Letter

1. Congratulations pilot trainees! Welcome to Del Rio, Texas and Laughlin Air Force Base. The 47th Student Squadron will be your assigned squadron for your entire assignment at Laughlin until your Permanent Change of Station to your operational assignment. My staff and I stand ready to provide you with the best support possible for your journey to earning your wings.
2. We take great pride in our mission to build combat-ready Airman, leaders and pilots for the USAF. I need your hard work and total dedication to help make sure our mission is a success!
3. SUPT at Laughlin AFB is an opportunity of a lifetime; it will be up to you to make the most of it. Here are my expectations.
 - a. Integrity and officership are foundational; without them, you will not be allowed to continue training. You are an officer 24/7, no matter the time, place, or audience.
 - b. Always obey your customs & courtesies as well as dress & appearance standards.
 - c. All Airmen must embrace the USAF "Fit to Fight" culture and will pass a fitness assessment prior to starting SUPT.
 - d. Prior to beginning training, you will be an Awaiting Pilot Training (APT) student and will be assigned a non-flying duty. You will display initiative and competence in whatever task assigned. Just remember, all work is honorable and you should strive for excellence in all you do.
 - e. Punctuality is a trait of not only a good officer but a good pilot. Always show up to briefings and appointments on-time and well-prepared.
 - f. If you are unable to arrive at Laughlin AFB by your RNLTD or have any questions after reading this document, contact the Transition Flight SDOs at (830) 298-5211.
4. I look forward to meeting you and serving with you during your time at Laughlin AFB.

CHRISTIAN J. OGROSKY, Lt Col, USAF
Commander, 47th Student Squadron



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If you have any questions regarding how early you are allowed to report to Laughlin AFB for SUPT training, please call the Transition Flight office at:

DSN 732-5211 / COMM (830) 298-5211

What to do: 2 Weeks Out

- Call the 47 STUS SDOs to order your name patches. (830)-298-8353. Be prepared to give them your desired name on the name patch as well as any AFSC badges you may have already earned.
- You may call the Laughlin Manor (VOQ) up to 90 days prior to reserve a room for your first couple of nights here. You may stay at the Laughlin Manor up to 30 days. The Air Force will reimburse you for the first 10 days, but you will have to use BAH to pay over ten days. Remember, you must pay for your room every 15 days.

Laughlin Manor: DSN: 732-5731; Commercial: (830) 298-5731

- Optional: Get an Official Mail Center (OMC) Box Number to forward mail or use the General Delivery address. You will be required to do this during in processing if you are significantly delayed from getting a permanent address.

PSC Box Duty Phone: DSN 732-4310; Commercial (830) 298-4310

General Delivery Address:

(Ensure you check in to the OMC if you will have mail delivered to the address below)

Name

General Delivery

477 4th St. Suite 1

Laughlin AFB, TX 78843-5144

- Call ahead to the Transition Flight if you have specific questions about the base. **You will report to the Transition Flight office on your first day.**

Transition Flight: DSN: 732-5211; Commercial: (830) 298-5211

- If you have a pet or weapons, please see the students with pets and/or students with weapons pages.
- Prepare for the Air Force Physical Fitness Test as you may be required to take it soon after your arrival at Laughlin AFB.

Physical Fitness

The Air Force Physical Fitness Test will be administered during the first month of SUPT in accordance with Air Force instruction 10-248. Students that fail to meet the fitness standard (75 or above) will not



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be allowed to begin training and will be entered into a conditioning program. The test consists of a 1.5 mile run, a waist measurement, push-ups and sit-ups. Additionally, due to ejection seat limits, the max weight to start UPT is 245lbs.

Travel Management Office

On behalf of the 47th Transportation Division, welcome to Laughlin Air Force Base (AFB). The TMO provides transportation including travel arrangements for members/dependents, and household goods transportation & storage. As the military member, you provide the dates and TMO makes the arrangements for passenger travel and packing, pick-up and shipment of personal property.

Two problems UPT students experience while getting settled-in at Laughlin AFB are:

- Property does not arrive in time, or prior to your class start date.
- Not having enough time after your training starts to arrange for storage of excess property.

Before you make the move to Laughlin AFB, review these helpful tips.

- Contact TMO as soon as you arrive on base. Our number is (830) 298-5388 or 5178. We will ask for your name and a telephone number where you can be reached. When property arrives, we have two hours to arrange for delivery. If we cannot contact you, the property will be placed in storage. If your property goes into storage, it may take a few days to coordinate a scheduled delivery to your residence.
- **Only ship items that are absolutely necessary. Single members living in the dormitories do not need to bring furniture.** Prior to your personal property shipment, single and unaccompanied members should contact the housing office at (830) 298- 5733 to determine how dormitories are furnished. Housing will only pay for storage if you live on base. The bottom line, only bring what you need.
- For married or accompanied members, having a spouse to assist with your move is beneficial. For some the time available during in-processing, prior to your training start date is very limited. Include your spouse in all facets of the move.
- Frequently asked questions include, "can I have my personal property delivered on the weekend." The Government does not pay overtime costs associated with weekend deliveries. Due to this fact, local moving agents do not deliver on weekends. Please keep this in mind when scheduling a time for your delivery. Local agents understand that your schedule is tight and will do everything within their power to accommodate your needs. Department of Defense regulations state, "Commanders will provide time to all personnel for the shipping and receiving of personal property."
- It is important that personal property shipments are shipped at least three weeks prior to your scheduled arrival, ensuring the availability of your property once quarters are assigned. Remember, if your property goes into storage, it may take a few days to coordinate a scheduled delivery to your residence.
- Only 90 days of temporary storage is authorized (with or without dependents). The 90 day limit begins once property arrives at Laughlin AFB and is placed in storage.
- If you can arrange for quarters prior to your move, ask TMO about a "direct delivery." Your property will be delivered directly to the address you provide. Keep in mind, you must be here to receive your property.



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- If delivery of your goods becomes an issue, it may be possible to have someone assigned to the Transition Flight sign for your personal goods.
- For further information about the Laughlin AFB TMO or other transportation functions, please call us at (830) 298-5388.

Don't hesitate to ask for assistance from the professionals we have working for us.

//SIGNED//

Traffic Management Officer

//SIGNED//

Chief, 47th Transportation Division

Housing (Updated April 2019)

UNACCOMPANIED/SINGLE MEMBERS

You will either stay in a single occupancy dorm room, double occupancy dorm room or share a government owned duplex house with up to three students, upon availability at your arrival. Exceptions to this policy will be on a case-by-case basis. Unaccompanied/single members are not authorized to contact Laughlin Family Housing without specific prior authorization from the Housing Office. Unaccompanied officers will not contact the Housing Office or Transition Flight about duplex waiting lists prior to arrival. You can only get on a wait list after you have arrived on-base and in-processed.

The Dormitories include:

- Bedroom that includes 1 or 2 full size bed(s), chest of drawers, TV media chest, and desk and chair.
- Kitchen with stove, refrigerator, and microwave
- Bathroom
- Every room is cable and phone ready, please make arrangements with the following companies for service (optional):
 - Cable: Time Warner (830) 775-3567
 - Phone: Verizon (800) 483-4000
- The laundry facilities are centrally located within the UOQ building and the service is free
- Wait time for a dormitory room averages from 1 day to 6 weeks (these times are an average and vary from class to class and time of year).

The Government Duplexes (located on Ciarfeo and Carlson) include:

- 2 Bedrooms with up to 2 beds in each room
- Bathroom
- Full Kitchen with microwave, stove, refrigerator, and dishwasher. Each unit has hookups for a washer and dryer.
- Wait times on average from 1 day to 6 weeks for unaccompanied/single students (these times are an average and can change from class to class and time of year).
- Roommates must be within one class from each other.



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MARRIED MEMBERS

Married members have the option to buy or rent off-base or to rent a privatized house on-base from Laughlin Family Housing. Married members who are on accompanied orders but will be unaccompanied while in UPT please contact the Transition Flight office.

Laughlin Family Privatized Housing is managed by Hunt Military Communities (830) 298-5732:

- Rent is equal to your BAH, utilities included – rent is paid in advance
- Free yard care
- No pet or security deposit
- Free pest control
- 2, 3, and 4 Bedroom houses available
- Fences in some yards
- Resident appreciation events
- Appliances included: gas stove, refrigerator, dishwasher, some microwaves

MORE INFORMATION

- BAH rates can be found here: [Laughlin AFB BAH](#) Zip code is: 78843/78840
- Electricity: (888) 216-3523
- More information on Laughlin AFB and Del Rio Housing can be found at the [AF cross roads website](#)
- Military Housing Office: (830) 298-5650



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July 20, 2015

Welcome to Laughlin!

Congratulations on your assignment to Laughlin AFB! We look forward to assisting you with your move whether you are interested in residing on base in privatized housing or in the local community.

Hunt Military Communities "Laughlin Family Housing" provides privatized housing on Laughlin AFB. Duplex homes with tile or carpet flooring, all appliances (some microwaves) and washer/dryer hook-ups. The waiting time for privatized housing varies according to rank and family size. You may contact Laughlin Family Housing at 830-298-1701 or view our website (www.laughlinfamilyhousing.com) for more information. Find us on Facebook at "Laughlin Family Housing". Our customer service hours are 0800-1700, Monday-Friday.

UTILITIES ALLOWANCE: All privatized homes on Laughlin AFB have individual meters. The Member receives a monthly utility allowance (for gas & electric; Hunt Housing pays water & sewer) which is 110% of the average actual utility cost for the type of unit occupied. Average consumption is determined by actual utility meter readings. The utility allowance is recalculated annually, reviewed by utilities engineer(s) and approved by the Government. .

PETS: A maximum of 2 pets per household are allowed and there is a weight limit for each pet of 100 pounds. Certain dog breeds (pureblood or mixed) are prohibited in privatized housing: Pit Bull (American Staffordshire Bull Terrier or English Staffordshire Bull Terrier), Rottweiler, Doberman Pinscher, Chow, and Wolf Hybrids. The only exceptions to this policy are ADA-approved and documented service dogs. Although Hunt Housing does not charge a pet deposit, you are responsible for any damages to the home your pet may cause. This may include replacement of flooring or a pet treatment of the flooring.

The Housing Management Office (HMO) provides dorm information, on and off base housing referral service to all personnel assigned/attached to Laughlin AFB.

Again, welcome to Laughlin Air Force Base, we look forward to meeting you.

Mary Lobo
Community Director
Laughlin Family Housing



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Students with Pets

MEMORANDUM FOR INCOMING SUPT STUDENTS

FROM: 47 STUS/DOT

SUBJECT: Students with pets

1. Congratulations on your assignment to Laughlin AFB and Specialized Undergraduate Pilot Training. In order to comply with AFI 32-6005 and AFI 32-6004 each base Wing Commander is responsible for creating the policies for the housing units for his base.
2. For Laughlin AFB, the only pets allowed in billeting, TLFs, unaccompanied officer duplexes or the dorms are domesticated fish. If a student comes to pilot training with anything other than a fish, they will be responsible for making arrangements for the boarding of their pets for the duration of their stay. According to AF instructions, all unaccompanied students are required to live in the dormitories or duplexes. Married students may have pets in privatized housing but there are limits on the number and breed restrictions (contact housing for exact rules).
3. If you arrive at pilot training with a pet there are a few options available to you. You can arrange to leave your pet with someone residing in married housing or off-base, you can leave your pet with a family member, you can put your pet in a kennel, or you can reside off base **with a waiver**. *However, WAIVERS AUTHORIZING STUDENTS TO LIVE OFF BASE ARE GRANTED BASED PRIMARILY UPON UOQ AVAILABILITY, **NOT** UPON PET OWNERSHIP.* The kennels available in town are: [Animal House \(830-768-1105\)](tel:830-768-1105) and The Pet Resort ([830-298-1345](tel:830-298-1345)).

//Signed//

Transition Flight Commander
47th Student Squadron



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Students with Weapons

MEMORANDUM FOR INCOMING SUPT STUDENTS

FROM: 47 STUS/DOT

SUBJECT: Students with Weapons

1. In an effort to ensure the highest level of security for our students as well as those already assigned to this installation, weapons and ammunition are not allowed to be stored in billeting, the Temporary Living Facilities, or the dormitories. Weapons must be stored in the Security Forces Armory or secured with a trusted member in an off base property or base housing. Unaccompanied officer duplexes are NOT considered base housing and weapons will not be stored there. If it is necessary to store the weapons in the armory, contact Security Forces at commercial (830) 298-5100 or DSN 732-5100 upon arriving at the base. The Security Forces Armory is available 24 hours a day. Please ensure all weapons and ammunition are secured appropriately before checking into billeting.

//Signed//

Transition Flight Commander
47th Student Squadron

Travel to Laughlin AFB

1. San Antonio International Airport is usually the most economical route to use for travel by air though there are several other options at various distances of travel.
2. If you are traveling by automobile from the east (San Antonio), take Highway 90 west to Del Rio. Laughlin AFB is located on Hwy 90 approximately 6 miles east of Del Rio. From the west (El Paso), you may travel on Interstate Highway 10 east to Van Horn and then follow Hwy 90 east to Del Rio. You may also elect to remain on IH 10 east to Sonora and then Hwy 277 south to Del Rio (longer



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route but more time spent on the Interstate, if you prefer). Once in Del Rio follow the signs to Highway 90 east. This will take you directly to Laughlin AFB.

3. As of mid-2018, access to the main gate is located approximately 6 miles southeast of Del Rio off Highway 277 and Loop 79. The main gate is open 24 hours. Be sure to have a valid ID as well as a copy of EAD orders when you show up to the main gate to be allowed on base.



What to do: First day

- Check-in at Laughlin Manor (VOQ) for temporary lodging.

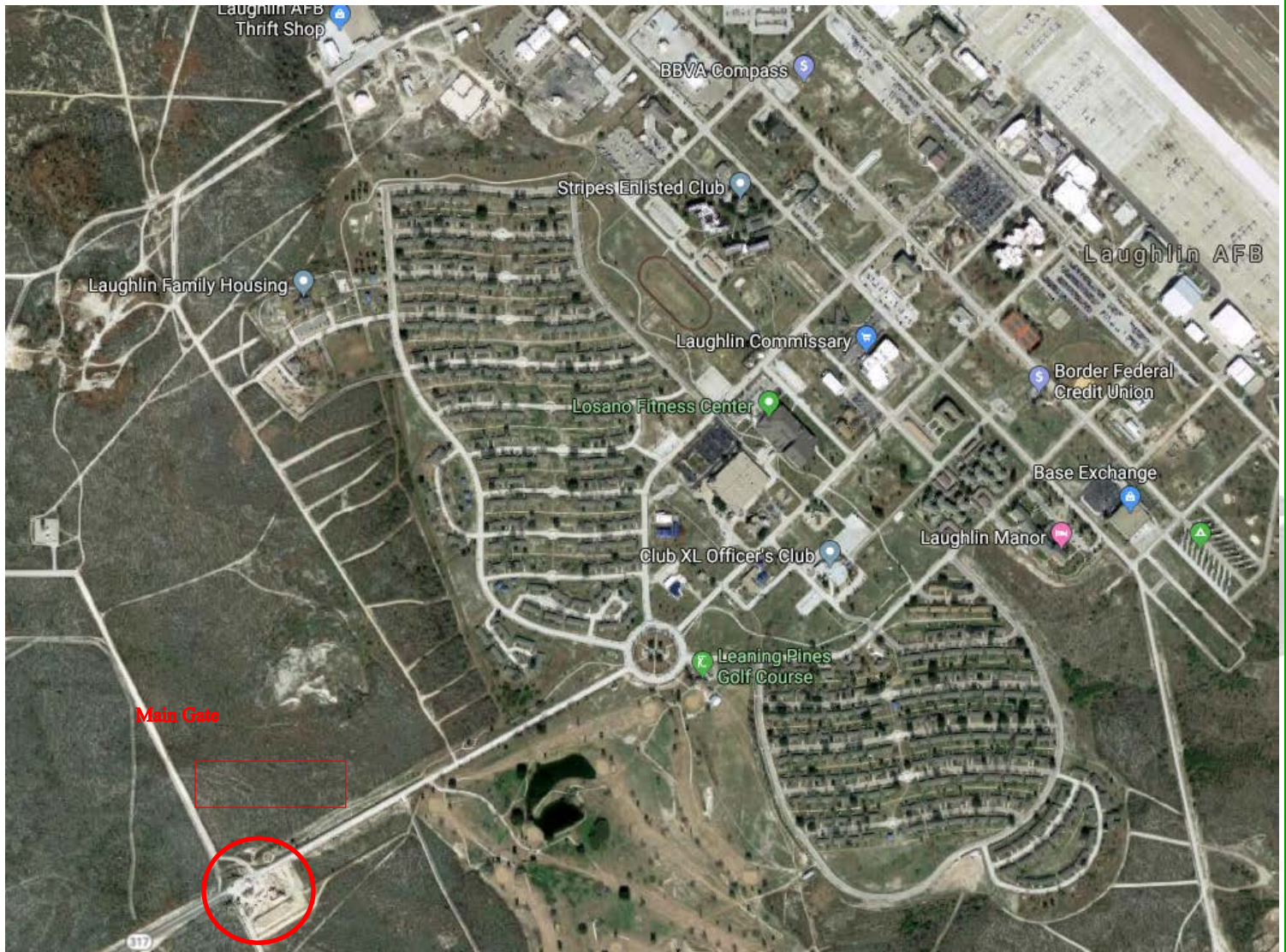
Laughlin Manor: DSN: 732-5731; Commercial: (830) 298-5731

- When you drive onto the base from the main gate, continue straight on Laughlin Drive to the traffic circle. Take the first exit off the traffic circle on to Arnold Blvd. Stay straight on Arnold Blvd until Fourth Street. Laughlin Manor will be the large building with palm trees on your right across the street from the BX.



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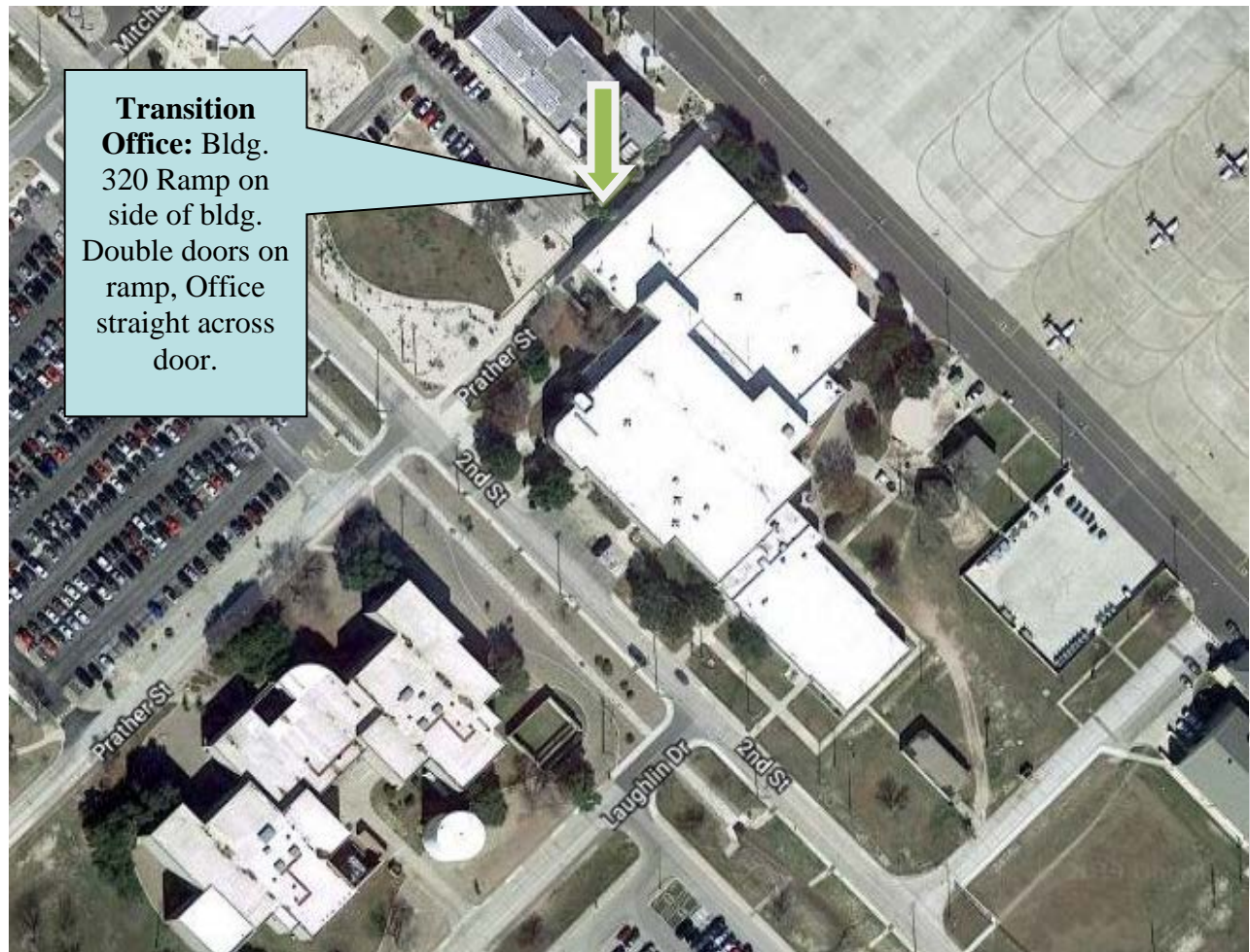
- Report to the Transition Flight (Bldg. 320 room A132) at 0830 Monday through Friday for further in-processing instructions. Uniform is ABUs or OCPs. Here you will receive an in-processing checklist and instructions on what to do next. See pg.



All incoming students will be assigned to the Transition Flight until their respective Pre-Flying Academics class start date.



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Transition Office: Bldg. 320 Ramp on side of bldg. Double doors on ramp, Office straight across door.

What to bring

Have the following items readily accessible for in-processing to ensure a smooth transition during the first few days:

1. 20 copies of orders (Front and Back)
2. Identification Card (Drivers license and military ID card if you have one)
3. Most recent official Physical Fitness Test scores

Note: You will likely be required to take another PFA shortly after arrival.

4. Proof of car registration, insurance, and title



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5. Medical, shot, and dental records (Flight Physical)
6. Traffic Management Office papers and receipts from move if applicable
7. All uniform items (Flight suits will be issued prior to Introductory Flight Training (IFT))
8. All personnel records

In-Processing

1. During your initial briefing with the SDOs, you will be given a schedule with a series of appointments as well as an in-processing checklist. Do not attempt to accomplish checklist items that require appointments outside of your assigned time. **It is imperative that you are on-time to every appointment, as any missed appointments will greatly delay in-processing.**
2. Between appointments, begin completing the forms included in your in-processing packet. (You will be given an address during your appointment with the post office)
3. For the High Risk Activity Form, list any hazardous activity you may ever wish to engage in while at Laughlin. Regardless of past experience, we require listing Boating/Water Skiing as a hazardous activity as that is a very popular activity around Laughlin.
4. You will have several computer based training (CBT) programs in addition to online checklist items. Once you have gained computer access (check your in-processing schedule) you should work on accomplishing this training between appointments. Computers are available in the computer lab next to the entrance to the Student Squadron (STUS). You can access the ADLS website via the Air Force Portal.
5. Motorcycle riders are required to meet with the motorcycle safety rep **prior** to riding a motorcycle on base.
6. If you are planning to leave the local area (30 miles radius) you must turn in an **AF Form 4392** to the SDO inbox and receive a safety briefing by the FLT/CC or Assistant FLT/CC. Weekend Passes and Leave will be discussed in greater detail later in this booklet.

Life as an APT

Responsibilities

Until you begin SUPT, you will be known as an APT (Awaiting Pilot Training) student. Your first responsibility as an APT is to complete in-processing. Your checklists provided by the Transition office will help you greatly in accomplishing this task. Since you will be employed throughout the 47 FTW, it is imperative to complete your in-processing checklist ASAP.

Accountability

Every day you will be required to report to the transition office from 0900-1100 or to your job at the time directed by your supervisor. UOD for in-processing is ABUs/OCPs, or as required for your APT job. Transition Flight Roll Calls will normally take place on Fridays at 1500 in Anderson Hall. Time and place are subject to change but will be communicated ahead of time. Roll Call is the Flight Commander's opportunity to pass along critical information to all APTs as well as receive feedback.



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Failure to attend either daily or weekly roll call will result in adverse administrative actions.

SDOs

Within the transition office you will find several APTs known as SDOs (Staff Duty Officers) working various projects for the Flt/CC and Assistant Flt/CC. These Lieutenants will be your first stop for any transition office related issues or questions, and are a great resource for more information.

Passes / Leave Policies

Weekends: Be aware that time off on weekends are not a given when you are an APT. If you are not assigned a job, the transition office will utilize you, and this may include weekends. The SDOs will give as much notice as possible in order to not interrupt any plans. When making plans for the weekend it is important to fill out a **4392**. All APTs planning on traveling beyond **30 miles** of Laughlin AFB must fill out a 4392 and attend a safety briefing led by the Transition Flight/CC or AFC. Any High Risk activities will also need to be briefed by the Flight Commander. There are several weekend activities within the local area including the AF marina on Lake Amistad and countless bike and hiking trails in the local parks as well as on base.

Passes: Passes are days which you are not required to work. Every weekend is considered a two day pass unless specifically assigned duties on either of those days. Additional passes are typically given over holidays. Passes may be enjoyed in the state of Texas.

Leave: Each active duty member of the USAF accrues 2.5 days of leave per month. You should not expect leave once your formal training begins. Exceptions will be considered on a case-by-case basis. You must submit a 4392 before your leave will be approved on LeaveWeb.

Limitations: Any student leaving the state of Texas or boarding a commercial aircraft will take leave.

International/OCONUS Travel: International travel must receive approval from the 47 STUS/CC. This process is long and requires an extensive paper trail. **No one is allowed to enter Mexico within 50**



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miles of the Mexican border and the Mexican states of Coahuila, Chihuahua, Durango, Jalisco, Michoacan, Nuevo Leon, San Luis Potosi, Sinaloa, Tamaulipas, and Zacatecas are also off limits

Leave vs. Pass:

IAW AFI 36-3003 leave CANNOT be combined with a pass. One common occurrence is over the winter holidays. Say for example you want to head home for 20 Dec through 27 Dec. If a 2-day pass is given for 24-25 Dec, you will still be required to take leave over the **entire** period. (You must use 8 days of leave, rather than try to combine 6 leave days with a 2-day pass)

Advanced Leave:

For those who have a legitimate and substantive need to use more leave than they have accrued, there is the option to use advanced leave. Such requests must be submitted via hardcopy and will be approved by the 47 STUS/CC on a case-by-case basis.

Notes on Officership

Uniform Wear – As an officer in the U.S. Air Force, your dress and appearance should never be brought into question. UOD as an APT is ABUs or OCPs until you leave for IFT. While at IFT, students will wear a combination of Short Sleeve Blues (SSBs) and Flight Duty Uniforms (FDU) at the discretion of IFT leadership. Once graduated from IFT, students will wear FDUs.

Core Values – The USAF Core Values must be present in every aspect of your lives including off-duty time. You are an AF officer 24/7. Every day you will experience situations in which your attitude and integrity will be tested. Your response to these situations will eventually turn into habits. Start becoming the officer that you have envisioned yourself to be.

Alcohol – As an officer and pilot, you must be able to trust your judgement. If you consume alcohol, you must know when to stop. You have crossed the line with alcohol when you can no longer control your actions. Be aware that the repercussions for alcohol related incidents are extremely severe. Any alcohol related incident is grounds for removal from SUPT, and possibly the USAF. DUIs are incompatible with military service. Don't trade the chance to pilot a multimillion-dollar aircraft for another beer.

The Wingman Policy – We take care of each other. This isn't just being a DD, although that is a part of it. Be the voice of reason in a deteriorating situation and never leave a buddy behind. **A good wingman will not only have a plan, but will carry out that plan or get the group back on the right track when things go wrong.**



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Common Problems Experienced by APT Students

Housing: Pending your time of arrival at Laughlin Air Force Base you may need to spend more than 30 days at billeting due to overcrowding. This is often the case for lieutenants arriving from USAFA in August or ROTC Detachments in autumn. Be patient as housing is doing their best to accommodate everyone.

Firearms: There is limited space available within the armory for your firearms. It is highly recommended that you contact the base armory prior to your arrival at Laughlin AFB to ensure there is room for your weapon(s). Although it is easy to obtain a hunting license in the state of Texas, unless it absolutely needed, it is suggested that you leave your firearms at your home of record.

Pets: Hunt cannot guarantee you a house with a fenced yard. Contact Pinnacle prior to your arrival.

Finance: Sometimes due to unforeseen and/or uncontrollable circumstances, pay may be delayed up to 30 days. Make sure that when you arrive at Laughlin AFB, you have the ability to financially support yourself during this time period. There is the possibility of receiving a pay advance if necessary but this option is limited to a case-by-case basis.

In-Processing: This process may seem redundant and often times with slow results. Please understand that each program requires time to build a package. Go to the SDOs with any question or concerns.



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Base Facilities

	Hours		Phone
Laughlin Manor (VOQ)	24/7		5741
Transition Flight	M-F	0800-1630	5211
UOQ	M-F	0730-1630	5903
TMO	M-F	0730-1630	5388 or 5178
Security Forces	M-F	0900-1600	5100
* For the Armory, call the above extension at all hours			
Official Mail Center (OMC)	M-F	1100-1700	4310
Fitness Center	M-Th	0500-2300	5251 or 5326
	F	0500-2100	
	Sat-Sun	0700-1900	
	M-Sat	0900-1900	
BX	Sun	Closed	2111
	Mon	Closed	
Commissary	T-Th	1000-2000	5821
	W&F	0800-1800	
	Sat	0900-1700	
	Sun	1000-1700	
	M-Sat	0900-1900	
Subway (BX)	Sun	Closed	2600
	M-Sat	0900-1900	
Stripes	M-Th	1100-1400	5295
	F	1400-2200	
Silver Wings (Flt Line)	M-F	0700-1600	5661
Club XL	M-F	1100-1300	5134

Laughlin AFB does not have a Military Dining Facility



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DSN 732-XXXX COMM (830) 298-XXX

Bold Face and Ops Limits

During Introductory Flight Training (IFT) you will be required to write and recite the following information verbatim. Visit dossaviation.com for more information.

DA-20 Boldface

Be able to write and speak this boldface verbatim when you arrive.

DA20-C1 BOLDFACE

ABORT

THROTTLE — IDLE
BRAKES — AS REQUIRED
FLAPS — CRUISE

ENGINE MALFUNCTION — SUFFICIENT RUNWAY REMAINING TO LAND

AIRSPEED — 60 KIAS
FLAPS — LDG

FUEL PRESSURE LOSS

FUEL PUMP — ON

ENGINE FIRE IN FLIGHT

FUEL SHUTOFF VALVE — OFF
CABIN HEAT — OFF

ENGINE FIRE ON THE GROUND

FUEL SHUTOFF VALVE — OFF
CABIN HEAT — OFF

ELECTRICAL FIRE ON THE GROUND

GEN/BAT MASTER SWITCH — OFF

ELECTRICAL FIRE IN FLIGHT

GEN/BAT MASTER SWITCH — OFF
AIR VENTS AND WINDOWS — OPEN

CABIN FIRE IN FLIGHT

GEN/BAT MASTER SWITCH — OFF
AIR VENTS AND WINDOWS — OPEN
CABIN HEAT — OFF

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DA20-C1 OPERATING INFORMATION TABLE

Indicated Airspeeds (KIAS)

V _{SO} Stall speed with flaps LDG	34
V _{ST} Stall speed with flaps CRUISE	42
V _R Rotate speed	44
Lift-off speed	52
Min. forced landing final approach speed with flaps LDG	55
Standard pattern SFL final approach speed with flaps LDG	60
V _X Best angle of climb speed with flaps T/O	60
Normal landing final approach speed	60
Min. engine-out speed to sustain windmilling prop	60
Min. forced landing final approach speed with flaps T/O	60
Min. forced landing final approach speed with flaps CRUISE	65
No-Flap landing final approach speed	65
V _X Best angle of climb speed with flaps CRUISE	65
V _Y Best rate of climb speed with flaps T/O	66
V _Y Best rate of climb speed with flaps CRUISE	70
Best glide speed (1764 lbs)	73
V_{FE} Max. Airspeed with flaps LDG	78
V_{FE} Max. Airspeed with flaps T/O	100
V_A Max. speed for full or abrupt control inputs (1764 lbs)	106
V_{NO} Max. structural cruising speed	118
Force a stopped propeller to windmill if starter is inop	137
V_{NE} Never-exceed speed	164

Maneuvering

Positive limit load factor (flaps CRUISE)	+4.4
Negative limit load factor (flaps CRUISE)	-2.2
Positive limit load factor (flaps T/O or LDG)	+2.0
Negative limit load factor (flaps T/O or LDG)	0
Max. permissible bank angle for steep turns (In degrees)	60

Voltmeter

Voltmeter lower limit red arc (volts)	8-11
Voltmeter caution range yellow arc (volts)	11-12.5
Voltmeter green arc (volts)	12.5-16.1
Voltmeter upper limit red line (volts)	16.1

Fuel

Approved fuel grade	100LL
Usable fuel (US gal.)	24.0
Fuel tank capacity (US gal.)	24.5

Weight and Balance

Max. ramp weight (lbs)	1770
Max. takeoff weight (lbs)	1764
Max. landing weight (lbs)	1764
Forward CG limit (at or below 1653 lbs)	7.95
Forward CG limit (1764 lbs)	8.07
Aft CG limit (1764 lbs)	12.16
Aft CG limit (at or below 1653 lbs)	12.48
Max. weight in baggage compartment (lbs)	44

Power Plant Operation

RPM normal operating range (tachometer green arc)	700-2800
Min. RPM during engine runup idle check	975
Min. RPM ("area idle") if beyond gliding range of a runway	1400
Min. RPM during operations with fuel pump off	1400
Min. permissible full-throttle static RPM during engine runup	2000
Max. permissible continuous RPM if an IFT student is PF	2700
Max. permissible continuous RPM (tach redline)	2800
Min. RPM drop during magneto check	25
Max. RPM drop during magneto check	150
Max. RPM drop difference between magnetos	50
Max. permissible continuous bhp	125
Min. oil pressure (psi)	10
Oil pressure normal operating range (psi)	30-60
Max. time for oil pressure to reach 10 psi after start (sec.)	30
Max. oil pressure for full power operation if OAT < 0°C (psi)	70
Max. oil pressure (psi)	100
Min. oil temperature (°F)	75
Max. RPM after start until oil temp indication registers	1000
Oil temperature normal operating range (°F)	170-220
Min oil temp. to begin an area SFL at area idle (°F)	170
Min. oil temp for full power operation if oil pressure norm (°F)	100
Max. oil temperature (°F)	240
Min. oil quantity (US qts)	4
Max. oil quantity (US qts)	6
Fuel pressure lower limit red line (psi)	3.5
Fuel pressure upper limit red line (psi)	16.5
Max. continuous starter operation (sec.)	10
Max. cumulative starter operation before 3-5min cooling (sec.)	30
Max. time for CHT below 300°F in descent (minutes)	5
Min. CHT (°F) takeoff & descent	240
CHT normal operating range (°F)	300-420
CHT caution range (°F)	420-460
Max. CHT (°F)	460
Max. OAT (°C) operation w/ full winterization kit	0
Max. OAT (°C) operation w/ partial winterization kit	12.5

Pattern Wind Limits (KTS)

Max. tailwind dual or solo	5
Max. student solo gust spread	10
Max. student solo crosswind	10
Max. dual crosswind if IFT student is PF below 500' AGL	15
Max. student solo total wind	20
DA20-C1 Max. demonstrated crosswind component	20
Max. dual total wind if IFT student is PF below 500' AGL	25

Misc.

Max. aircraft structural temperature (°C)	55
Propeller approx. minimum ground clearance (inches)	10
Main landing gear tire pressure (psi)	33
Nose gear tire pressure (psi)	26
Min. OAT (°C) cabin heat not req for 10 min. before T/O	-20

20 OCT 2018

Items in bold type must be committed to memory.



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The following is an overview of the training you will receive at Laughlin AFB. As stated earlier, during your entire tour at Laughlin, you will be under the command of the 47 STUS/CC.

I. APT—The time before SUPT starts

- Assigned to 47 STUS/DOT with the Transition Flight Commander as your supervisor, regardless of additional job throughout the wing.
- Initial Flight Training (IFT) in Pueblo, CO. TDY assignment for 3-6 weeks. Here you will fly the DA-20 in an SUPT style format. This is a screening program designed to see whether you are capable of completing SUPT. Ask other APTs for assistance and advice so you can hit the ground running. Once again, you are still under authority of Transition Flight for any non-IFT issue.

II. SUPT Pre-Flying Academic Phase (Phase I)

- On Day 1, you will be assigned a 47 STUS Phase I Flight Commander. The Flt/CC is your link to the 47 STUS chain of command and will support you throughout Phase I.
- Pre-flying academics is a 7 week academic program focusing on aerospace physiology, aircraft systems, SUPT basic building blocks, and simulator missions including a simulator check ride.

III. SUPT Primary Phase (Phase II)

- As you transition to the Primary Phase, you will have a STUS Class Commander. You will be assigned to a Flying Training Squadron Flight Commander in charge of managing your syllabus training. Your STUS Class/CC will handle all other issues.
- Phase II is your introduction to the flight line in SUPT. The objective of Phase II is to prepare graduates for the advanced phase and future responsibilities as military officers and leaders.
- Phase II is a 5 month flight training program during which each student receive simulator and aircraft training in Basic, Contact, Instruments, Formation, IFR/VFR, and Low Level flight.

IV. Track Selection

- Personal preference and merit rank after the Primary Phase determine which track will determine whether you vector TH-1s (Fort Rucker, AL), T-1s (Laughlin AFB), or T-38s (Laughlin AFB) for Advance Phase.

V. Advanced Phase (Phase III)

- This is the third phase of SUPT during which your flying abilities continue to be challenged in each airframe. T-38s receive 30 hours of simulator training, and 90 hours of flight time. T-1s will receive 44 hours of simulator time and 87 hours of flight time.

Post SUPT

- **Introduction to Fighter Fundamentals**— If selected for a fighter after completing the Advanced Phase, IFF is your next stop. IFF is designed to teach the basic theory and application of flying fighter type aircraft. IFF students train in the T-38 to become proficient in air-to-air and air-to-ground tactics as appropriate to their assigned aircraft.
- **FAIP**—If selected as a First Assignment Instructor Pilot (FAIP) you are assigned to a T-6, T-1, or T-38. Your next stop will be Pilot Instructor Training (PIT) at Randolph AFB, TX for the 4-



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month course. After PIT you will return to Laughlin AFB for a 3-4 year assignment as an instructor followed by an MWS assignment.

- **FTU**—Those assigned to an MWS will depart Laughlin AFB for their respective Formal Training Unit course (FTU). Each FTU is unique to that MWS with course lengths ranging from 5 months to 9 months. Operational Assignments follow graduation from FTU.

F-35 – Luke AFB, AZ
F-22—Holloman AFB, NM
F-15C—Kingsley Field, OR
F-15E—Seymour Johnson AFB, NC
F-16—Luke AFB, AZ / Holloman AFB, NM
A-10—Davis-Monthan AFB, AZ
B-1—Dyess AFB, TX
B-2—Whiteman AFB, MO
B-52—Barksdale AFB, LA
C-17—Altus AFB, OK
C-5—Lackland AFB, TX
KC-135—Altus AFB, OK
KC-10—McGuire AFB, NJ
RC-135—Offutt AFB, NB
E-3 – Tinker AFB, OK
E-8 – Robins, AFB, GA
C-21—Scott AFB, IL
C-130J—Little Rock AFB, AR
MC-130J – Kirtland AFB, NM
AC-130W/J – Kirtland AFB, NM
U-28 – Hurlburt Field, FL
C-146 – Duke Field, FL
CV-22 – Kirtland AFB, NM



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DEPARTMENT OF THE AIR FORCE 47TH FLYING TRAINING WING (AETC)

1 February 2019

MEMORANDUM FOR INCOMING STUDENT PILOTS

FROM: 47 STUS/CC

SUBJECT: Leadership Enrichment and Development (LEAD) Strategy

1. This memorandum outlines your Specialized Undergraduate Pilot Training (SUPT) Preparation Strategy which *will* be executed while you await SUPT. This plan will not only assist your development as an Air Force officer, but will also expand your ability to think critically and develop new leadership skills. You will build upon the four pillars of Comprehensive Airman Fitness and delve deeper into what each of those pillars means to you. Your class will embark on several objectives of this strategy together, helping build unit cohesion so that you can attack the challenge of SUPT from the beginning of Phase 1. This strategy is a mandatory task corresponding with time on station (TOS) until your SUPT class start date.

2. You *will* complete this Leadership Enrichment and Development (LEAD) program through both individual and group work alongside potential members of your future SUPT class. Individual events may be completed as soon as you arrive. Group events will be completed in consultation with the flight commander and your current class senior ranking officer (SRO). You are among the next generation of United States Air Force pilots, and time is critical. Do not delay beginning this strategy and preparing for SUPT. You *will* complete every event in this strategy before beginning SUPT. (Reference Attachment 1.)

3. The following list describes the progression of the LEAD program:

- a. Mental Pillar activity: Chief of Staff of the Air Force (CSAF) Reading List. Each person will select a book from a CSAF Reading List and write a one-page memorandum for record IAW AFH 33-337, The Tongue and Quill about the book, discussing key aspects regarding leadership, officership, and other pertinent lessons. Submissions will be in the form of a signed PDF saved into the student's folder on the shared drive. When complete,



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schedule a feedback session with the flight commander, who will provide feedback. *Any written documents in subsequent weeks will be saved as a signed PDF in the student's corresponding folder on the shared drive. For weeks that require a PowerPoint presentation or Excel spreadsheet, a copy of the presentation or spreadsheet will be saved in the student's folder for that week.*

- b. **Physical Pillar:** The class will conduct a mock PT test under the supervision of the Transition Flt/CC. The SRO, or designated representative from the class, will coordinate a time with the Flt/CC no later than a week prior to class start date. *While not an official AF PFA, officers who do not meet the minimum standards will not be permitted to begin training.* Students who do not score above an 85 will meet with the Transition Flt/CC to discuss a workout plan.
- c. **Social Pillar Activity:** The class will set a time to spend a day/evening together to build relationships and become closer as a class. Spouses and families are highly encouraged to attend. Classes are encouraged to continue these gatherings throughout the strategy. Examples of events are below. Most ideas are good ideas, but must be approved by the Flt/CC:
 - 1) Bowling Night
 - 2) Potluck in 1647
 - 3) Afternoon on Lake Amistad
 - 4) Hike Seminole Canyon
- d. **Mental Pillar activity: Subject Matter Expert (SME) Briefing:** Students will get into small groups of three to four members to research and present on a subject on the approved list below. The brief should include a prepared, standardized PowerPoint presentation with a case study and interview. A copy of the presentation will be saved in your class folder on the shared drive. The groups will present to the 47 STUS/CC, FLT/CC, or designated representative as part of the culminating verification brief. The presentation should last no more than five minutes. Every class will accomplish briefings on numbers one to three.
 - 1) ***Professional and Unprofessional Relationships
 - 2) ***Sexual Harassment, Suicide Prevention
 - 3) ***Social Media in the Military
 - 4) Military Commander and the Law; specifically Letter of Counseling (LOC), Letter of Appreciation (LOA), Letter of Reprimand (LOR), and Article 15 (A15)
 - 5) Leave Web and Leave Rules, Permissive TDY, Convalescent Leave, Maternity and Secondary Caregiver Leave
 - 6) Customs and Courtesies, Uniform Wear
 - 7) Personal Finance, Retirement Plans, Investments, and Taxes



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- e. **Spiritual Pillar Activity:** The class will contact the chapel (830)-298-5111 or 47ftwhc.chapel@us.af.mil) to schedule a meeting with the Chaplain Corps staff to discuss spirituality. Spirituality does not necessarily equate with religion. If there is any reluctance with visiting the chapel, students can schedule an appointment with the Transition Flt/CC to discuss this pillar.
- f. **Social Pillar activity:** Each class will aim to interview three permanent party members with one as a minimum. The eight questions listed below will be asked at a minimum to facilitate open discussion. The intent is to expand exposure to different airframes, locations, and lifestyles. The class SRO will contact the Transition Flt/CC if the class is unable to arrange an interview.
 - 1) Tell us about your background prior to joining the military.
 - 2) Why did you join the military?
 - 3) What is the most impactful story you have about the operational Air Force?
 - 4) What skills do you think prepared you for that experience the most?
 - 5) What has been the most challenging part of military life? Your favorite part?
 - 6) What combat experiences have you had?
 - 7) How has combat experience affected you?
 - 8) What advice would you want to pass to young officers?
- g. **Mental Pillar activity: Time Management Skills:** The entire class will set up an appointment with Study Skills through Airman and Family Readiness. This class is offered the first Friday of every month so early scheduling is key. The class will schedule it on the day that maximizes attendance. As a follow-up to your Study Skills briefing, each person will create a detailed one-week calendar that covers the criteria below. This calendar should cover each day, hour by hour. The calendar that is created should be done with pilot training in mind in accordance with the following criteria:
 - 1) **Criteria:** Work 12 hours/day, high-intensity workout four days, eat healthy meals daily and study/read for 15 hours/week, including some portion at home every weekday. Do not forget to schedule personal time (errands, family time, etc.) and seven to eight hours of sleep. Do not plan study time on Friday.
- h. The class will contact Capt March Seregon (47 STUS/ADO) to schedule the "Four Lenses" course. Once the students establish their colors, they will discuss the potential pros and cons of understanding how the colors will affect group dynamics. Max participation is expected, so this class should be scheduled inside of two weeks from class start date.
- i. The class will compile a culminating verification brief validating "Why We Are Prepared for Pilot Training." The class will present the brief to a panel of instructors, including the Commander. Be prepared to defend your reasoning and rationale. The brief should




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include student introductions, SME briefs, Four Lenses results, and any other pertinent insights learned during your time as an APT student.

- 1) Be creative. Prove why you are ready...do not simply present PowerPoint slides. Think of this as though you are defending your thesis. Use the materials and lessons learned from all of this strategy to help defend your presentation. **Maximum participation is expected.** This verification will be graded pass or fail. All items in Attachment 1 should be signed off in consultation with your flight commander and class should be ready to present every student's verification guide.

4. If there are any questions regarding the strategy, please contact the Transition Flight Office at (DSN) 732-5211 or 830-298-5211.



NICHOLAS J. LANDRY, Capt, USAF

Transition Flight Commander

47th Student Squadron



Laughlin AFB, TX

ATTACHMENT 1

SUPT Preparation Strategy Verification Guide (to be turned in completed at Verification Brief)

Student Name: _____

Date Arrived on Station: _____

Dates at IFT: _____

Date	Description	Initials
	Memo/Book Discussion	
	Mock PT Test	
	Social Pillar Activity	
	SME Brief	
	Chaplain Visit	
	Permanent Party Interview	
	Study Skills	
	Four Lenses	
	Verification Brief Scheduled	

Mock PT	Date	Pushups	Situps	Waist	Run	Total
Score						
Points						