Welcome Guide for Incoming 2025 SUPT-FC TX Cadets



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Welcome to Laughlin AFB, TX and the 47th Flying Training Wing; graduating the world's best pilots!

The 47th Flying Training Wing, located at Laughlin Air Force Base, Texas, conducts specialized undergraduate pilot training for the United States Air Force, Air Force Reserve, Air National Guard and allied nation air forces as well as a familiarization course for cadets of the Civil Air Patrol – USAF Auxiliary, utilizing the T-6, T-38 and T-1A aircraft.

By now you should have received an e-mail from CAP NHQ notifying you of your invitation to attend the 2025 Specialized Undergraduate Pilot Training Familiarization Course held at Laughlin AFB in Del Rio, Texas.

You can best prepare by understanding our mission, knowing how to reach us with questions, and taking full advantage of this welcome package we have prepared for you.

CHRISTINE E. WEBER, Maj, CAP

Director SUPT Familiarization Course (Laughlin AFB, TX)

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Welcome

Congratulations on being accepted to attend the Specialized Undergraduate Pilot Training Familiarization Course (SUPT-FC) being held at Laughlin AFB in Del Rio, Texas from **5-12 July 2025**. Your hard work and dedication has secured you a slot in one of the most popular and competitive National Cadet Special Activities Programs in the nation.

The Activity Director for this year's program is Maj Christine Weber, a career in public service and the Air Force Reserves in Cyber Security. Maj Weber is a private pilot who has flown the Piper Warrior, C172, C182, and the DA20 and was a former Air Force Maintenance Officer. Maj Weber entered Civil Air Patrol in 2019. She and her team are dedicated to ensuring everyone's enjoyment and maximum learning throughout this program.

This welcome package is designed to answer any of your questions regarding the program and prepare you for a successful trip. If you need to contact us regarding special circumstances or any other concerns, please e-mail **suptfc-tx@cap.gov** or visit us on Facebook for the most up to date information - Laughlin SUPT Familiarization Course.

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Instructors



Maj Christine Weber, Civil Air Patrol



Maj Rob Muther, U.S. Air Force Reserves

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Administrative Items

Payment

If you haven't done so already, you'll need to pay the activity fee **$500.00.** Follow the instructions provided on-line to ensure this is accomplished properly and on time. Payment needs to be in Registration Zone NLT **30 April 2025**.

Travel Arrangements

You will need to provide your own transportation to San Antonio International Airport on **05 July 2025** report to the **Lower Level Baggage Claim between B1 and B2 at the Military Information Desk**. Travel UOD is civvies. There will be a shuttle departing the San Antonio Airport for Laughlin AFB at approximately 1500 on **05 July 2025** so plan to arrive at the airport with enough time to make the shuttle with all luggage in hand. On **12 July 2025** by 0800, there will be a shuttle departing Laughlin AFB for the San Antonio Airport (3 Hour drive) so ensure return airline tickets are booked with enough time for travel to the airport (recommend no earlier than 1200).

Once your travel itinerary has been confirmed please complete the **SUPT-FC Travel Itinerary Form** so that we are aware of your travel plans.

Meals

All meals will be provided and will be on base or at a local establishment close to the base. Please let us know in advance if you have any food allergies or special dietary needs. Vending and the use of the Base Exchange is authorized, so feel free to bring money if you want additional snacks during the activity.

Contacting SUPT-FC

Please communicate primarily through the email address: **suptfc-tx@cap.gov**. Your primary point of contact is Maj Christine Weber and Lt Col Chris Bailey, CAP. Additional information regarding the activity will be sent out as needed. On-site phone contact is available by calling Maj Christine Weber at (984) 377-1396.

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Packing List

What to Bring

Use this list as a guide of what to bring. We'll be pretty busy, but don't forget to bring a few things for your free time (books, magazines, etc.)

Required Items

- CAP ID Card & other Government ID w/photo (driver's license/passport/mil ID/etc.)
- ABUs (tan t-shirt) with ABU cap
    - ABU's will be worn Monday – Friday
- USAF-style blue short-sleeve uniform (**no jacket, tie, ribbons or shoulder cord)** with flight cap **(no service cap)**
    - USAF-style blue short-sleeve uniform will be worn on Sunday during academics and at the graduation dinner.
- Combat boots
- Appropriate Civilian clothes (civilian attire may be worn during personal time)
- Sunscreen
- Prescription Medications
- Reusable Water Bottle

Optional Items

- Ponchos/Rain Gear
- Laundry detergent (Laundry machines are available on site)
- Athletic wear/running shoes
- Eyeglasses/Sunglasses
- Personnel Hygiene Items
- Insect repellent
- Sewing Kit
- Small day pack or book bag
- Web gear with canteens or camel-type packs
- Pencil/Pen and notepad

- Camera (Phone is fine)
- Spending money (we will have t-shirts, coins and patches available for sale)

Lodging Information

All cadets will be on-base at the Air Force Inn. Supervisors will be staying in the same building.

The facility has a laundry room available as well as a business center with a copy machine, computers, and a wireless network. For more information, please see their website:

http://af.dodlodgining.net/propertys/Lauhlin-AFB.

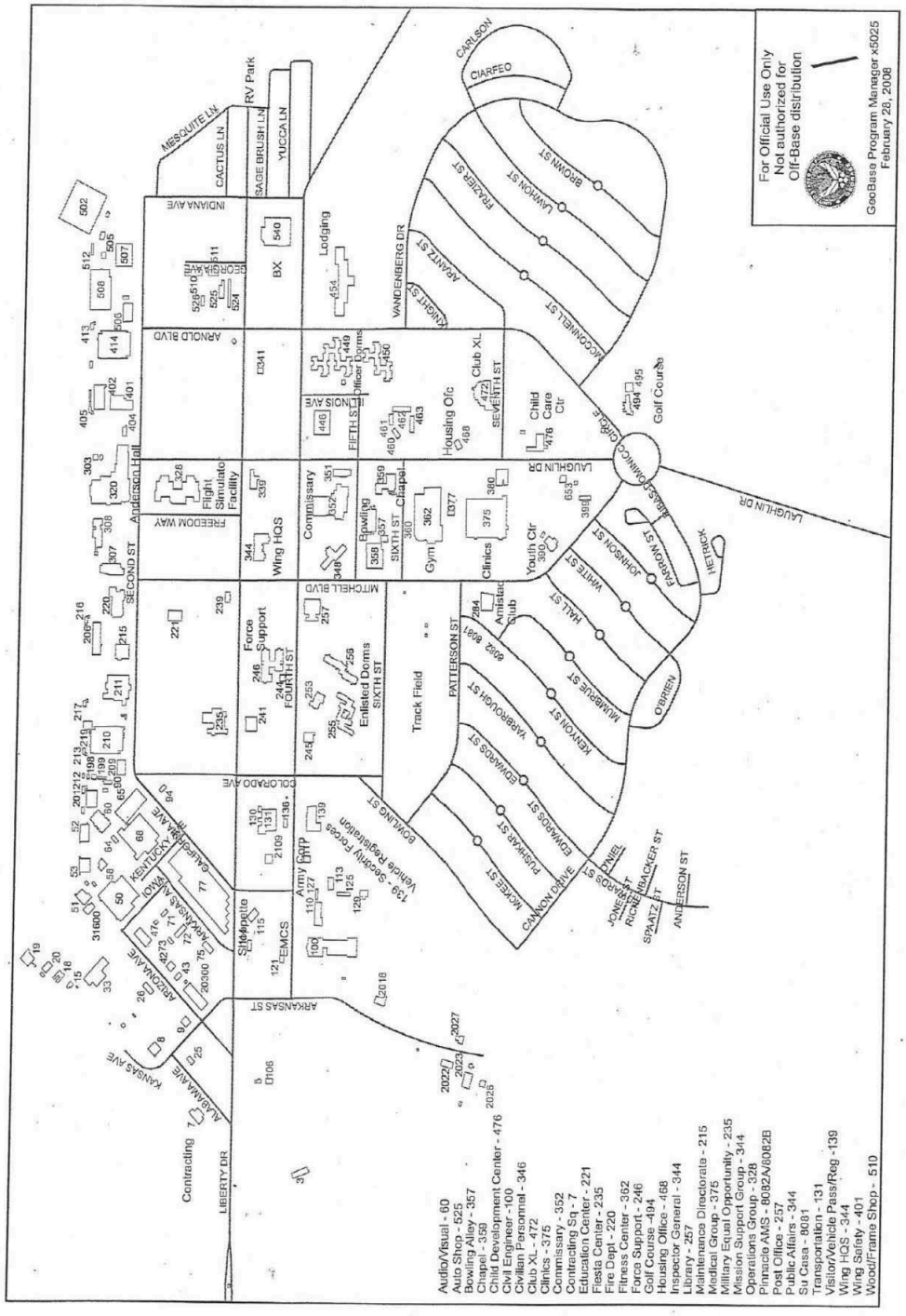
The rooms have:

- Color TV
- Refrigerator, coffee maker and microwave
- Private bathroom
- Iron



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Base Map



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Social Media

In order to get the most up to date information and connect with other cadets planning on attending the event, please frequent our Facebook site:

Civil Air Patrol - SUPT-FC Del Rio, Texas

'Like' the site and feel free to post on the wall with any questions or private message the event so we can resolve any concerns you may have.

Military Aircraft Flights

All cadets (regardless of age) must fill out the required military flight forms if they would like an opportunity to participate in a military aircraft flight. These forms will be emailed to you to complete.

Regulations require that cadets receive a brief physical and training prior to taking these flights. Parental permission slips for approval to receive a physical, training and to participate in the flights are required.

BOTTOM LINE – NO PERMISSION SLIP – NO FLIGHT

So, please make sure these are filled out properly. All completed forms should be uploaded to the SUPT-FC TX Welcome Survey.

*Flights are not guaranteed, due to the wing's training timeline and CAP's low priority.

Boldface and Ops Limits

BOLDFACE (BF) & Ops Limits are crucial in every airframe; they serve as immediate actions required to safely recover the aircraft if needed should an emergency occur in flight or on the ground.

You will be required to quickly and correctly recall the operating limits and boldface in the first days of SUPT-FC. While there will be adequate time to commit these numbers and procedures to memory, it would be to your benefit to study these prior to arriving. Boldface and operating limits should be learned completely and correctly; every word and punctuation must be exactly as listed. Learning these now will allow you to focus on other studies while here at SUPT-FC. Please review the next four pages, blank copies are provided as a reference as to what numbers/words should be committed to memory **VERBATIM**.

Acronyms:

PCL - Power Control Lever

PMU - Power Management Unit

EMER - Emergency

LDG- Landing

GR - Gear

Sys - System

ELP - Emergency Landing Pattern

PPH - Pounds Per Hour

OBOGS - On Board Oxygen Generating System

N_p - Constant Speed of the Propeller

T-6A Boldface Emergency Procedures and Operating Limitations		01 Aug 2018
Name	Checked By	Date

Section 1. Boldface Emergency Procedures

Emergency Engine Shutdown on the Ground

PCL - OFF
FIREWALL SHUTOFF HANDLE - PULL

Abort

PCL - IDLE
BRAKES - AS REQUIRED

Engine Failure Immediately After Takeoff (Sufficient Runway Remaining Straight Ahead)

AIRSPEED - 110 KNOTS (MINIMUM)
PCL - AS REQUIRED
EMER LDG GR HANDLE - PULL (AS REQUIRED)

Engine Failure During Flight

ZOOM/GLIDE - 125 KNOTS (MINIMUM)
PCL - OFF
INTERCEPT ELP

Immediate Airstart (PMU NORM)

PCL - OFF
STARTER SWITCH - AUTO/RESET
PCL - IDLE, ABOVE 13% N1

Uncommanded Power Changes / Loss of Power / Uncommanded Propeller Feath

PCL - MID RANGE
PMU SWITCH - OFF
PROP SYS CIRCUIT BREAKER (left front consol) - PULL IF Np STABLE BELOW 40%

Inadvertent Departure From Controlled Flight

PCL - IDLE
CONTROLS - NEUTRAL
ALTITUDE - CHECK

Fire In Flight
If Fire is Confirmed:

PCL - OFF
FIREWALL SHUTOFF HANDLE - PULL

OBOGS Failure / Physiological Symptoms

GREEN RING - PULL (AS REQUIRED)
DESCENT BELOW 10,000 FEET MSL - INITIATE
DISCONNECT MAIN OXYGEN SUPPLY HOSE FROM CRU-60/P

Eject

EJECTION HANDLE - PULL

EXAMPLE ONLY NOT FOR STUDY

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Section 2. Operating Limits **01 Aug 2018**

Engine

Maximum Torque

Takeoff / Max 100 %

Transient 132 % (20 Seconds)

Torque above 102 % is indicative of a system malfunction.

Maximum ITT

Idle 750 °C

Takeoff / Max 820 °C

Transient 821 to 870 °C (Up to 20 Seconds)

N_1

Idle 60 to 61 % Ground, 67 % (Min) Flight

N_P

Idle 46 to 50 %

Takeoff / Max 100 %, (100 % ± 2 % PMU Off)

Avoid stabilized ground operations from 62 to 80 % N_P

Oil Pressure

Takeoff / Max 90 to 120 PSI

Aerobatics / Spins 40 to 100 PSI

Aerobatics / Spins (Idle) 15 to 30 PSI (5 Sec)

Oil Temp

Takeoff / Max 10 to 105 °C

Transient 106 to 110 °C (10 Minutes)

Prohibited Maneuvers

1. Inverted Stalls
2. Inverted Spins
3. Aggravated spins past 2 turns
4. Spins with the PCL above idle
5. Spins with the landing gear, flaps, or speed brake extended
6. Spins with the PMU off
7. Spins below 10,000 feet pressure altitude
8. Spins above 22,000 feet pressure altitude
9. Abrupt cross-controlled (snap) maneuvers
10. Aerobatic maneuvers, spins, or stalls with greater than 50 pounds fuel imbalance
11. Tail slides

Airspeed Limitations

Max Airspeed Gear and/or Flaps 150 KIAS

Max Operating Speed 316 KIAS or 0.67 Mach

Full rudder deflection above 150 KIAS will exceed the limits of the rudder control system.

Starting

Starter Limit: 20 Seconds

Wait 30 Sec, 2 Min, 5 Min, 30 Min after each start/motoring attempt

Maximum ITT 871 to 1000 °C for 5 Sec *(Do Not Attempt Restart)*

Maximum Oil Pressure 200 PSI

Minimum Oil Temperature -40 °C

Minimum Battery Voltage 23.5 V

Pressurization

Normal Above 18,000 Ft MSL 3.6 ± 0.2 PSI

Overpressurization Safety Valve Opens 4.0 PSI

Fuel

Normal Recovery Fuel 200 Pounds

Minimum Fuel 150 Pounds (200 Pounds Solo)

Emergency Fuel 100 Pounds

Minimum Fuel for Aerobatics 150 Pounds per side

Runway

Minimum Landing Distance Available (LDA) 4,000 Feet or heavyweight flaps up landing distance plus 500 Feet, whichever is greater

Minimum Runway Width 75 Feet

Winds

Max Crosswinds

Dry Runway	25	Knots
Wet Runway	10	Knots
Ice Runway	5	Knots
Touch-and-Go	20	Knots
Formation Takeoff / Landing	15	Knots
Maximum Tailwind Component for Takeoff	10	Knots
Maximum Wind with Canopy Open	40	Knots

Acceleration Limits

Symmetric Clean	-3.5	to 7.0	Gs
Symmetric Gear / Flaps	0	to 2.5	Gs
Asymmetric Clean	-1.0	to 4.7	Gs
Asymmetric Gear / Flaps	0	to 2.0	Gs

Intentional Spin Entry

Minimum Altitude for Entry 13,500 Feet MSL

Minimum Cloud Clearance 7,000 Feet above clouds

Icing

Maximum Icing Band / Icing Type 5,000 Feet / light rime

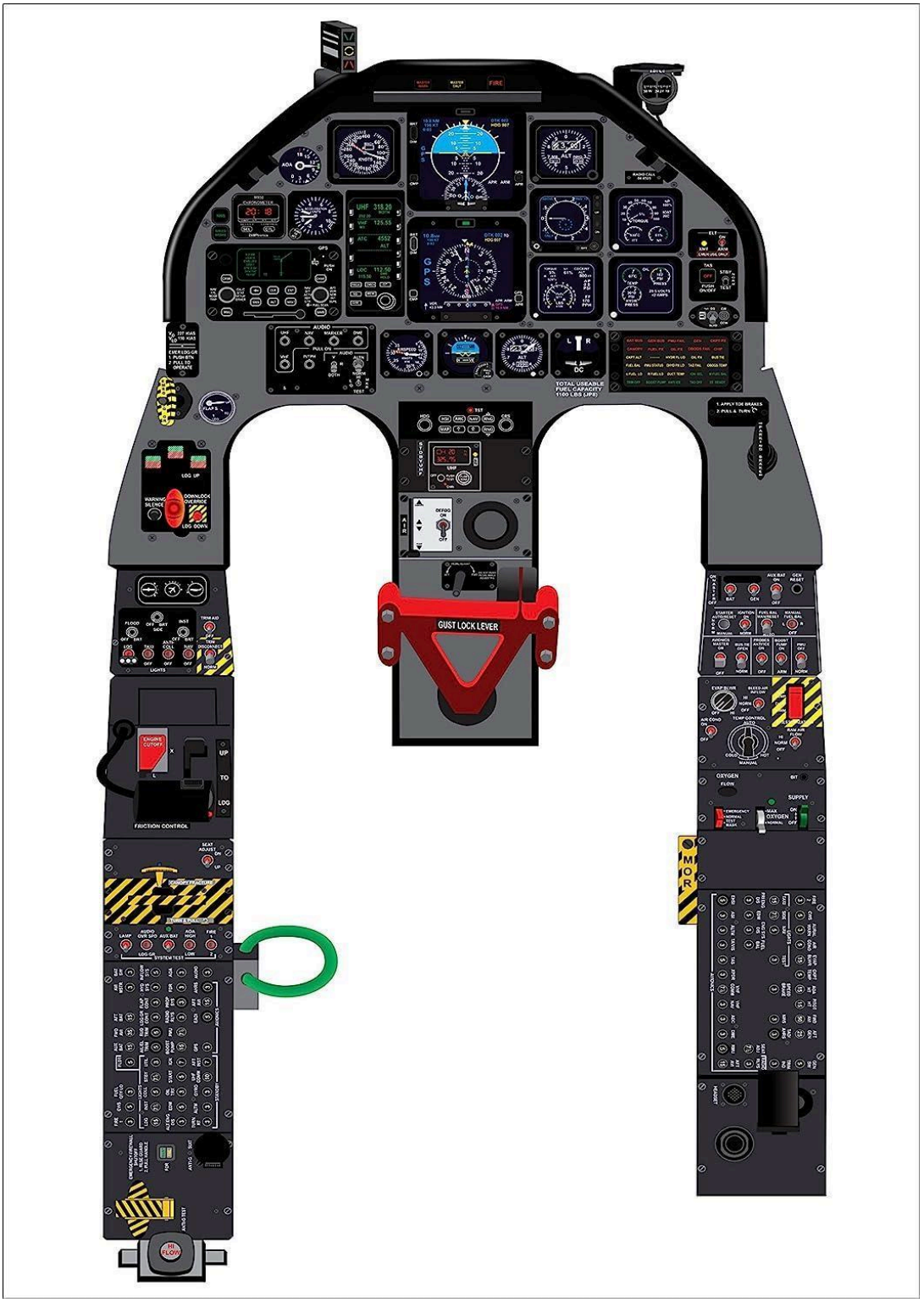
Temperature

Ground operation is limited to ambient temperatures of -23 to 43 °C

EXAMPLE ONLY NOT FOR STUDY

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T-6 Cockpit



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Cadet Expectations

In order to have a safe and successful activity we will maintain an environment that is a safe learning environment for everyone attending. We have identified a list of major violations that *will* result in expulsion from activity at your sole expense.

The CAP and Air Force staff reserves the right to adjudicate and punish any and all offenses, and the activity director's decision is final in case of any dispute.

1. Possession or use of alcohol, tobacco products, drugs, or weapons of any kind
2. Possession of pornography in any form
3. Willful damage or theft of Government, CAP, or private property
4. Fighting
5. Gambling
6. Honor Code violations (lying, cheating, or stealing)
7. Flagrantly unsafe acts
8. Gross neglect of duty
9. Improper sexual contact or other gross immorality
10. Being AWOL from any scheduled activity
11. Hazing

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Graduation

Requirements

Students become eligible for graduation credit by fulfilling the standards listed below. Encampment commanders may grant credit to cadets who leave early due to a serious family hardship or injury. Cadets who choose to leave early due to homesickness or misconduct will not receive graduation credit.

- Active participation in 40 contact hours (80% of the encampment's minimum of 50 contact hours)
- Satisfactory adherence to the Core Values, in the judgment of the encampment commander
- A cumulative average of 80% on all academic quizzes / exams

Graduation

A small ceremony will occur on Friday, **11 July 2025** at approximately 1700. At this time family will not be able to attend.

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Cancellation Policy/Refunds

If you were slotted for an activity and you have found that you cannot attend, email the Activity staff, immediately. Your slot needs to be filled by a cadet who can attend as soon as possible. If you are seeking a refund, include the Refund Request Form in the email to your Activity Director.

All refunds require review by HQ CAP/CP and are subject to a cancellation fee.

Refund requests made less than 30 days prior to the start of the NCSA may be limited or reduced by as much as 100%.

Reference the NCSA web-site for the most up to date policy on cancellations/refunds.

To Do List

- O Confirm that you have paid for the activity via Registration Zone in eServices **NLT 30 April 2025**.
- O Complete the SUPTFC Welcome Survey and submit all required supplemental documentation **NLT 30 April 2025**
- O Study your BoldFace and Ops limits!
- O Please let us know ahead of time if you have any food allergies so we can coordinate.
- O As you make travel arrangements (flight number etc.) please complete the SUPT-FC Travel Form **NLT 30 May 2025**
- O Email Maj Weber at **suptfc-tx@cap.gov** if you have questions!