The selection and training of the persons who are to fly the machines… is the most important consideration.”


1. **General.** The Air Force Reserve Command (AFRC) Undergraduate Flying Training (UFT) program is the official flying training program of the Air Force Reserve (AFR), supporting the Air Force’s total-force effort to select and train high-quality rated (flying) officers. The AFRC UFT program is managed by the Aircrew Management Branch (A3RB) of the Resources Division (A3R) in AFR’s Operations Directorate (A3). This AFRC UFT Guidebook (referred to as the “Guidebook”) serves as the primary source of information for the program and provides guidance for individuals applying to an AFR UFT board for selection to training to become a pilot, Combat Systems Officer (CSO), Remotely Piloted Aircraft (RPA) pilot, or Air Battle Manager (ABM). See below for a brief description of each of these rated positions. Please reference ATTACHMENT 1 – ABBREVIATIONS AND ACRONYMS as required, and Guidebook Section 10 for information on AFR missions, aircraft, and bases. In order to view attachments, please open this document in Adobe Acrobat or Adobe Reader and select VIEW > SHOW/HIDE > NAVIGATION PANES > ATTACHMENTS. See https://www.youtube.com/watch?v=Y5bb_Sq7Lh0 for more information on how to view .pdf attachments.

1.1. **Pilot.** Air Force Reserve pilots operate the flight controls to employ aircraft in a wide variety of missions. AFR pilots can be qualified to fly any aircraft in the AFR inventory.

1.2. **Combat Systems Officer (CSO).** Air Force Reserve CSOs manage the navigation, electronic warfare, and/or weapon systems of Air Force aircraft. AFR CSOs can fly the AC-130U Spooky, B-1B Lancer, B-52G Stratofortress, H/C-130H/J Hercules, E-3C/G Sentry, MC-130H/J Combat Talon II, or the U-28.

1.3. **Remotely Piloted Aircraft (RPA) Pilot.** Air Force Reserve RPA pilots employ unmanned aircraft from remote locations to conduct armed intelligence, surveillance and reconnaissance missions. AFR RPA pilots can fly the MQ-9 Reaper and RQ-4 Global Hawk.

1.4. **Air Battle Manager (ABM).** Air Force Reserve ABMs utilize knowledge of aircraft, weapons systems and surveillance to manage air warfare through radar control. AFR ABMs fly the E-3C/G Sentry.

2. **UFT Eligibility.** Air Force Reserve UFT applicants must meet commissioning requirements to serve as an officer in the Air Force Reserve, as well as flying training requirements necessary to serve as a rated (flying) officer. Applicants must meet the requirements listed below.
2.1. If you are not currently a commissioned officer in the U.S. military, you must meet commissioning requirements as specified in chapter 2 of AFI 36-2005. Reference ATTACHMENT 2 - AFI 36-2005, OFFICER ACCESSIONS (2 AUG 17).

2.2. All UFT applicants must meet the flying training eligibility requirements as specified in chapter 3 of AFI 36-2105 and outlined below. Reference ATTACHMENT 3 - AFI 36-2105, APPLYING FOR FLYING TRAINING... (25 May 18).

2.2.1. **Age and Total Federal Commissioned Service.** In general, Air Force Reserve applicants must not be beyond their 33rd birthday nor have more than 8 years of Total Federal Commissioned Service (TFCS) by their assigned UFT class start date. For further details and exceptions, see section 3.1.1 of AFI 36-2105 (ATTACHMENT 3). Note: the previous age and TFCS limits of 30 and 5, respectively, were changed to 33 and 8 via HQ USAF/A1P memorandum, dated 22 Feb 19.

2.2.2. **Qualification Standards.** All applicants must take the Air Force Officer Qualifying Test (AFOQT) and Test of Basic Aviation Skills (TBAS) to obtain a Pilot Candidate Selection Method (PCSM) score. For more information, see paragraph A3.9 of AFI 36-2605.

2.2.2.1. **Air Force Officer Qualification Test.** “The AFOQT is available in two versions. Each version consists of 12 subtests. Subtests are used to compute one or more of the five aptitude composites. Scores on the subtests relate to performance in certain types of training. AFOQT composite scores are reported in percentiles. Percentile scores range from 1 to 99 and reflect the ranking of each examinee on that composite compared to scores in a test validation reference group. For example, an AFOQT verbal composite score of 56 places the examinee equal to or higher than 56 percent and lower than 43 percent of other examinees. AFOQT ensures applicants meet the minimum standards to be an Air Force officer, and consists of 12 subtests that make up the scores for six areas: Pilot, CSO, ABM, Academic Aptitude, Verbal, and Quantitative.” (A2.2 of ATTACHMENT 4 – AFI 36-2605, AIR FORCE MILITARY PERSONNEL TESTING SYSTEM (24 Sep 08))

2.2.2.2. **Test of Basic Aviation Skills.** “The TBAS is a battery of subtests administered on a computer test station. Examinees are required to respond to computerized tasks using a keypad, joysticks, and foot pedals. The TBAS includes subtests measuring psychomotor coordination, cognitive abilities, and multi-tasking capabilities.” (A3.2 of ATTACHMENT 4 – AFI 36-2605, AIR FORCE MILITARY PERSONNEL TESTING SYSTEM (24 Sep 08))

2.2.2.3. **Pilot Candidate Selection Method.** The PCSM is a composite score based on your TBAS score, AFOQT scores, and flight time. Pilot and RPA pilot applicants must attain the minimum required PCSM score of 10. PCSM scores are available at https://access.afpc.af.mil/pcsmdmz/faq2_0.html.

2.2.3. **Medical.** Applicants must meet all medical standards for pilot, Remotely Piloted Aircraft (RPA) pilot, Combat Systems Officer (CSO), or Air Battle Manager (ABM) training, as applicable, per AFI 48-123 and outlined below. Reference ATTACHMENT 5 – AFI 48-123, MEDICAL EXAMINATIONS AND STANDARDS (5 Nov 13, incorporating AFGM2018-02).

2.2.3.1. **Undergraduate Pilot Training (UPT) applicants** must meet Initial Flying Class I (IFCI) standards to be eligible for entry into the Medical Flight Screening (MFS) program. MFS augments the Flying Class I (FCI) physical exam performed at local Flight Medicine Clinics across the USAF on pilot applicants. The certification stamp on the FCI exam will note "pending successful completion of MFS" which means it requires the additional MFS evaluation. FCI examinations accomplished at USAF School of Aerospace Medicine (USAFSAM; located at Wright Patterson AFB, Ohio) need not return for medical
flight screening, since it is accomplished in conjunction with all FCI exams (and RPA pilot exams) done at USAFSAM and the combined evaluation is forwarded to HQ AETC/SGPS for simultaneous certification. All applicants for UPT must pass MFS prior to beginning UPT. Pilot candidates must either be scheduled for or have a current, certified Flying Class I examination on record.

2.2.3.2. **Undergraduate Combat Systems Officer Training (UCT) applicants** must meet Initial Flying Class IA standards. UCT candidates must have a current, certified Flying Class IA examination on record.

2.2.3.3. **Undergraduate RPA Training (URT) applicants** must meet Initial Flying Class II (IFCII) standards to be eligible for Medical Flight Screening-Neuropsychiatric (MFS-N) screening. Currently-rated RPA applicants who previously completed MFS in conjunction with IFCI/IA and are in active flying assignments must meet IFCII standards but do not require repeat MFS-N screening. All initial applications for URT must pass MFS-N prior to beginning URT. MFS for RPA pilot applicants will be limited to conditions requiring further evaluation (MFS-N is mandatory and may include enhanced MFS-N screening if appropriate). URT applicants must have a current, certified IFCII examination on record and be qualified for FCII duties while attending training and upon graduation.

2.2.3.4. **Undergraduate Air Battle Manager Training (UABMT) applicants** must meet Initial Flying Class III (IFCIII) standards.

![Air Force Reserve PILOT REQUIREMENTS](image)

2.3. **Reserve Service Commitment (RSC).** In return for the Air Force Reserve spending millions of dollars to train you to fly and operate a military aircraft, you have the opportunity to serve for a minimum number of years. This is called the RSC, and its duration depends on the type of training you receive. The RSCs are the exact same as the active duty commitments: 10 years for UPT, and 6 years for UCT, UABMT, and URT. RSCs are Reserve-wide, and are not dependent on which squadron you join. As part of the process of joining the AFR, you will sign a contract to signify your understanding of the RSC. Reference ATTACHMENT 10 - RESERVE SERVICE COMMITMENT CONTRACT and ATTACHMENT 11 - AFI 36-2102, AIR FORCE RESERVE SERVICE COMMITMENT DATE PROGRAM.

2.4. **Scrolling.** "Scrolling" is the term given to the legal process in which the President formally nominates military officers for confirmation by the U.S. Senate. When officers transition from active duty to the Reserve component, or join the AFR directly, their name and current rank must be added to the Reserve scroll before they are able to serve. The scrolling process is antiquated and often takes an average of 4 months to complete, so it is very important to start this process as early as possible.

2.4.1. **Applicants not currently in the AFR.** For applicants not currently in the AFR, the scrolling process is initiated by the applicant’s recruiter.
2.4.2. **Applicants currently in the AFR.** For applicants currently in the AFR, the applicant’s unit and Force Support Squadron (FSS) will submit the commissioning application package to Air Reserve Personnel Center (ARPC) once the member is selected for UFT. ARPC then initiates the scroll process. It is important that the unit and FSS submit this application in a timely manner to allow the scrolling process to be completed prior to the member’s first training date.

2.5. **Palace Chase/Palace Front.** Palace Chase and Palace Front are programs offered to active-duty officers and enlisted members, providing them the opportunity to transition directly from active duty into the Air Reserve Component (ARC). Palace Chase is an early release program that allows a member to transfer to the ARC prior to the completion of the member’s Active Duty Service Commitment (ADSC), whereas Palace Front is a transfer program that allows a member to transition to the ARC the day after the member’s ADSC is fulfilled.

2.6. **Exception to Policy (ETP).** Applicants not meeting one or more eligibility requirements may seek an ETP in accordance with chapter 5 of AFI 36-2105. Reference ATTACHMENT 3 - AFI 36-2105, APPLYING FOR FLYING TRAINING... (25 May 18). Any applicant requiring an ETP must be sponsored.

2.6.1. The AF Form 215 is the vehicle for AFR UFT ETPs. The WG/CC must state the requested ETP(s) in block 20 and the NAF/CC must sign block 21 to recommend approval of the ETP(s). Members who require an ETP and do not have NAF/CC approval via block 21 of AF 215 will not be boarded.

2.6.2. Applicants should route AF Form 215 ETP requests via Task Management Tracker (TMT) to the appropriate NAF/CC for signature. Do not include AFRC/A3RB in NAF routing of any ETP. Separate ETP-approval MFRs are not required by AFRC and should not be included in the UFT package submitted to AFRC/A3RB.

2.6.3. Medical ETPs require the completed flying class physical and disapproved waiver to be included in the ETP request. Moral ETPs require all court records including final adjudication and a detailed statement from the applicant outlining the offense, any adverse adjudication and any mitigating factors the applicant wants to offer.

3. **Sponsorship.** Sponsorship is the act of being “hired” by an AFR flying squadron. Unlike active duty where you are assigned a squadron and aircraft, the Air Force Reserve allows you more control over where and what you fly. All you have to do is get sponsored by a unit that is flying the aircraft you want to fly in the location you want to live.

3.1. **How to Get Sponsored.** It is important to realize that AFR units control their own hiring processes internally. Each unit has different hiring needs and hire at different times throughout the year, and it is your responsibility to contact units to set up an interview. Units often hold local hiring events at the unit. These hiring events are often referred to as “boards.” Do not confuse these unit hiring boards with the formal AFR UFT board which you must meet in order to be officially selected for UFT. When it comes to getting sponsored, flexibility is necessary. So please don’t be surprised or disappointed if your first choice does not work out. To pursue unit sponsorship, follow these steps:

3.1.1. Reference Guidebook Section 10 to determine which aircraft and/or locations interest you.

3.1.2. Reference ATTACHMENT 6 - AFR UNITHIRING POC LIST for unit contact information.

3.1.3. Contact the units you would like to join. The individual units will notify you of any additional requirements necessary for sponsorship. If you find contact information that is out of date, please notify AFRC/A3RB (Aircrew Management) at HQAFRC.A3RB.UFT@us.af.mil.

3.1.4. Once you secure unit sponsorship, reference Section 3.2 of this guidebook.

3.2. **What to Do Once Sponsored.** There are certain things you must do after you get sponsored, depending on whether or not you have been selected for AFR UFT.

3.2.1. **If you have not yet been selected for AFR UFT:**
3.2.1.1. Obtain a signed AFR Sponsorship Letter from your sponsoring unit’s Wing Commander. Reference ATTACHMENT 7 - AFR UNIT SPONSORSHIP LETTER TEMPLATE.

3.2.1.2. Email a copy of your signed AFR Sponsorship Letter to your AFR officer accessions recruiter. If you are already in the AFR and are not working with an AFR recruiter, include your signed AFR Sponsorship Letter in your UFT board application package and annotate your sponsorship status on the AFR UFT Board Application Cover Sheet. Reference Section 7 of this guidebook for more information on the application process.

3.2.2. **If you have already been selected for AFR UFT:**

3.2.2.1. Obtain a signed AFR Sponsorship Letter from your sponsoring unit’s Wing Commander. Reference ATTACHMENT 7 - AFR UNIT SPONSORSHIP LETTER TEMPLATE.

3.2.2.2. Email a copy of your signed AFR Sponsorship Letter to AFRC/A3RB (Aircrew Management) at HQAFRC.A3RB.UFT@us.af.mil and the 340th FTG (UFT Pipeline Training Management) at 340FTG.UFT.Workflow.1@us.af.mil.

3.3. **Unsponsored Program.**

3.3.1. You may still apply for AFR UFT even if you are not yet sponsored by a unit. If selected for UFT, you will begin your training regardless of your sponsorship status while continuing to pursue sponsorship. Once you arrive at your UFT base, you will be assigned an AFR Liaison Officer (LNO) who will assist you in getting sponsored while you focus on your flying training. **It is important to note that unsponsored UFT students will track T-1s (not T-38s), with very few to no exceptions.**

3.3.2. As a UFT student, your primary job is to complete your training. Students will not travel to units to conduct in-person sponsorship interviews while in training—such interviews should be executed via phone, Skype, FaceTime etc. However, a unit may send a hiring POC to your UFT base for the purpose of conducting an interview with you. Your UFT LNO is responsible for facilitating unit contact with students.

3.3.3. If you are still unsponsored 45 days prior to the UFT track-select date, your placement in a unit will be facilitated by the Numbered Air Force (NAF) A3s and AFRC/A3. Therefore, unsponsored UFT applicants must be willing to accept an assignment to any AFR unit, in the event they are still unsponsored by 45 days prior to UFT track-select date. See Item #7 on ATTACHMENT 10 – RESERVE SERVICE COMMITMENT CONTRACT.

4. **AFR Reserve Officer Training Corps (ROTC) UFT Program.** If you are an Air Force ROTC (AFROTC) cadet and are interested in commissioning directly into the Air Force Reserve as a rated officer, you have that opportunity with the Reserve Categorization Process – Rated (RCP-R) program. The RCP-R is part of the Total Force commissioning effort and provides AFROTC cadets the opportunity to apply for a rated position in the AFR only (this is not for a position in the Air National Guard). You may apply for pilot, CSO, ABM or RPA training, or any combination thereof. If you are selected for RCP-R, you will commission directly into the AFR upon graduation. If you are not selected for the RCP-R program, you may still apply for a rated position via the Active Duty rated board per the normal AFROTC process.

4.1. **Eligibility.** Rising juniors are eligible to apply to RCP-R. Rising seniors may apply if they have not already been selected for UFT on the active duty rated board.

4.2. **Application.** Applicants do not need to be sponsored in order to apply to RCP-R. See Guidebook Section 7.6 for information on how to apply.
4.3. **AFR ROTC UFT Board.** AFR ROTC UFT selection boards will convene each October to tentatively select qualified AFROTC cadets who apply. If selected, cadets will complete their 4-year college degree and commission into the AFR upon graduation. You may apply for the RCP-R program as either a sponsored or unsponsored applicant (see Guidebook Section 3 for information on sponsorship). For information on how to apply, see Guidebook Section 7.6.

4.4. **Post- AFR ROTC UFT Board.** If selected for flying training on the AFR ROTC UFT Board, you will be notified by your detachment commander. Within a few months of selection you will be contacted by the AFR Surgeon General’s (SG) office to be scheduled for your initial flight physical (reference Guidebook Section 2.2.3). Once your flight physical is certified (approved), usually within 2 months of completion, an AFR officer accessions recruiter will contact you to complete the remaining required documentation. If unsponsored, continue to pursue unit sponsorship (reference Guidebook Section 3). Upon graduation you will commission into the AFR and be gained into the 340th Flying Training Group at Randolph AFB to begin your training (reference Guidebook Section 5). Please note that the 340th FTG will not have your training pipeline scheduled until you in-process with them. Your military pay will begin when you are gained into the 340th FTG. Please make an effort to set aside a few months’ worth of living expenses in the event there are delays in getting you gained by the 340th FTG.

4.5. **Reserve Service Commitment (RSC).** ROTC cadets selected for AFR assignments will incur an RSC equivalent to what would have been their active duty service commitment (ADSC) for completing the AFROTC program. Cadets selected to attend undergraduate flying training (UFT) will do so in an active-duty-for-training status. After completion of the UFT pipeline, graduates will remain in a full-time status for at least 140 days of mission training with their unit of assignment and then be eligible to be an Air Reserve Technician (ART) for a term not to exceed 4 years. This will enable the member to achieve the experience level necessary to compete for a full-time position within the squadron. The remainder of any RSC will be served in either a full-time status as an Active Guard/Reserve (AGR) or ART, or in a part-time capacity as a Traditional Reservist (TR). See Guidebook Section 5.8 for more information on AFR statuses.

5. **Timeline Overview.** The entire UFT pipeline is managed by the 340th Flying Training Group (FTG) located at Randolph AFB, Texas. The 340th FTG manages student progression through training, ensuring AFR UFT students are on continuous orders from their accession into AFR through the completion of their assigned-aircraft training. See below for a brief description of each training event, in the approximate order of completion.

5.1. **Officer Training School (OTS).** If you are not already a commissioned officer in the military, you will attend OTS at Maxwell AFB, Alabama. This rigorous, 9.5-week program is organized into four phases designed to challenge you both mentally and physically. Throughout the course of the program, you'll develop the skills and confidence you need to lead the men and women of the United States Air Force as an officer. For more information on OTS, please visit [www.airuniversity.af.edu/Holm-Center/OTS/](http://www.airuniversity.af.edu/Holm-Center/OTS/).

5.2. **Initial Flying Training (IFT).** If you have been selected for pilot, CSO, or RPA pilot training and you do not already have a private pilot license (or it has been greater than 5 years since your last flight), you will attend IFT in Pueblo, Colorado. IFT is designed to gauge aptitude for flight, introduce you to the rigors of military aviation, and prepare you for success in Air Force flying training with flight training in the Diamond DA20 Katana. For more information on IFT, please visit [www.dossaviation.com/usaf-ift](http://www.dossaviation.com/usaf-ift).

5.3. **Survival, Evasion, Resistance and Escape (SERE).** All UPT, CSO, and ABM selectees will complete SERE training, which includes multiple courses located at Fairchild AFB in Washington, and Naval Air Station Pensacola in Florida. These courses are designed to teach students the fundamentals of survival in a variety of environments, evasion from enemy forces, resistance and conduct after capture, and escape from captivity. They can be completed at
any time throughout the UFT training pipeline. For more information on SERE, visit www.fairchild.af.mil/About/Fact-Sheets/Display/Article/238992/us-air-force-survival-school/.

5.4. **Undergraduate Flying Training (UFT).** UFT teaches students the basics of military flying to earn Air Force wings. Depending on what rated position you have been selected for, you will attend one of 4 different types of UFT. See below for information on each.

5.4.1. **Undergraduate Pilot Training (UPT).** Lasting approximately 12 months, UPT trains Air Force pilots and is broken up into three phases: academics, primary, and advanced. After academics, students enter the primary phase which consists of flying training in the T-6A Texan II. Following primary training, students enter the advanced phase which consists of flying training in either the T-1A Jayhawk, for students who will be assigned to transport or tanker aircraft, or the T-38C Talon, for students assigned to fighter or bomber aircraft. UPT is conducted at one the locations listed below (chosen for you by the 340th based on availability), and graduates receive Air Force pilot wings. For more information on UPT, visit https://www.baseops.net/militarypilot.

- Columbus AFB - Columbus, Mississippi. www.columbus.af.mil (T-6, T-1, and T-38)
- Laughlin AFB - Del Rio, Texas. www.laughlin.af.mil (T-6, T-1 and T-38)
- Sheppard AFB - Wichita Falls, Texas. www.sheppard.af.mil (T-6 and T-38)
- Vance AFB - Enid, Oklahoma. www.vance.af.mil (T-6, T-1 and T-38)

5.4.2. **UCT (Undergraduate CSO Training).** UCT trains Air Force Combat Systems Officers at Naval Air Station Pensacola, Florida. UCT utilizes the T-6A Texan II for the primary phase of training with follow-on training in the T-1A Jayhawk and T-25 Simulator for Electronic Combat. UCT duration varies depending on the type of CSO, with navigators training for approximately 6 months and Electronic Warfare Officers (EWO) and Weapon Systems Officers (WSO) training for about 12 months. UCT graduates receive Air Force CSO wings.

5.4.3. **URT (Undergraduate RPA Training).** URT trains Air Force Remotely Piloted Aircraft pilots at Randolph AFB, Texas, and lasts approximately 3.5 months. URT consists of IFT (UP2), instrument qualification (UP3), and RPA fundamentals (UP4). URT graduates receive Air Force RPA pilot wings.
5.4.4. **UABMT (Undergraduate ABM Training).** UABMT trains Air Force Air battle Managers at Tyndall AFB, Florida, and lasts approximately 6 months. UABMT graduates receive Air Force ABM wings.

5.5. **Introduction to Fighter Fundamentals (IFF).** Upon graduation from UPT or UCT, if you are assigned a fighter or bomber aircraft, you will enter IFF where you will learn the basics of fighter aircraft maneuvering and tactics in the T-38 Talon. IFF is an 8-week transition course between UPT/UCT and the Formal Training Unit (FTU), and is accomplished at one of the following locations:

- Columbus AFB - Columbus, Mississippi. [www.columbus.af.mil](http://www.columbus.af.mil)
- Randolph AFB - San Antonio, Texas. [www.jbsa.mil](http://www.jbsa.mil)
- Sheppard AFB - Wichita Falls, Texas. [www.sheppard.af.mil](http://www.sheppard.af.mil)

5.6. **Formal Training Unit (FTU).** The FTU is where Air Force pilots, CSOs, ABMs, and RPA pilots learn to fly and operate their assigned aircraft. See below for the duration (approximate) and location of the various FTUs.

- A-10 – 6 months at Davis-Monthan AFB, Arizona
- B-1B – 6 months at Dyess AFB, Texas
- B-52 – 12 months at Barksdale AFB, Louisiana
- C-5M – 4 months at Joint Base San Antonio-Lackland, Texas.
- C-17 – 4 months at Altus AFB, Oklahoma
- C-130H/J – 6 months at Little Rock AFB, Arkansas
- E-3C/G – 4 months at Tinker AFB, Oklahoma
- F-16C – 7 months at Luke AFB, Arizona
- F-22 – 7.5 months at Tyndall AFB, Florida
- F-35A – 7 months at Luke AFB, Arizona
- HC-130 – 3 months at Little Rock AFB, Arkansas
- KC-10 – 4.5 months at Travis AFB, California, or Joint Base McGuire, New Jersey
- KC-135 – 4.5 months at Altus AFB, Oklahoma
- MQ-9 – 4.5 months at Creech AFB, Nevada (launch-and-recovery qualification only); Holloman AFB, New Mexico; March ARB, California; Syracuse, New York
- RQ-4 – 3 months at Beale AFB, California
- WC-130J – 6 months of C-130J training at Little Rock AFB, Arkansas, followed by 4 months of hurricane-specific training at Keesler AFB, Mississippi

5.7. **Mission Training (MT).** After you are qualified in your assigned aircraft at the FTU, you will exit the UFT pipeline and return to your sponsoring unit where you will learn your specific operational mission set, known as MT. Depending on your aircraft, MT will take anywhere from 140 days to 3 years. At the completion of your MT you will be a fully-qualified rated officer ready to deploy anywhere in the world. Fight’s on!

5.8. **Operational Flying.** As an operational rated officer in the AFR, you will have the opportunity to serve in a variety of status, both full-time and part-time, depending on what best meets your needs. See below for a brief description of each.

5.8.1. **Active Guard/Reserve (AGR).** A full-time Reservist serving on active duty orders.

5.8.2. **Air Reserve Technician (ART).** A full-time Reservist serving in a dual-status position. An ART works as a civilian employee (Part A) for a typical 40-hour work week, and as a military member (Part B) for typically one weekend a month and two weeks a year. The Office of Personnel Management (OPM) manages the guidance, called Aircrew Qualification Standards, that determines how many hours are required to be eligible for the different pay scales within the civil service pay structure. A GS-2181-09 (pilot at the GS-9 pay level) does not require a specific number of flying hours. A GS-2181-11 (pilot at the GS-11 pay level)
requires 300 hours total military flight time, a GS-2181-12 (pilot at the GS-12 pay level) requires 750 hours total military flight time, a GS-2181-13 (pilot at the GS-13 pay level) requires 1,000 hours total military flight time, a GS-2181-13 Instructor (instructor pilot at the GS-13 pay level) requires 1,200 hours total military flight time, and a GS-2181-14 (pilot at the GS-14 pay level) requires 1,500 hours total military flight time. See Attachment 16 - AFRC AFT QUALIFICATION STANDARD STANDARDS- AUG 2017.

5.8.2.1. **Term Developmental ART (TDART) Program.** In order for a UPT graduate to accumulate sufficient hours to be eligible for a full-time ART position, AFRC created the TDART Program. The objective of this program is to provide continued full-time status for rated officers to more rapidly gain the qualifications and experience necessary to fill unit instructor positions. The position will be targeted GS-09/11/12. This program applies to all UFT graduates and establishes unit-level term ART over-hire positions which provides a long-term full-time status. Upon completion of all centrally-funded formal school training, UFT graduates will be provided an additional 140 days of RPA via the Mission Training (MT) program. For those members who desire to continue in a full-time status, they will have the opportunity to transition to a Term Developmental ART over-hire position for up to four years. Completion of the TDART tour is not required for the full four years. If at any point the TDART candidate becomes eligible or qualified, they can apply for a regular full-time ART position.

5.8.3. **Traditional Reserve (TR).** A **part-time** Reservist serving in a traditional one-weekend-per-month and two-weeks-a-year status.

5.8.4. **Individual Reserve (IR).** A **part-time** Reservist serving as a backfill to an active duty position. IMAs coordinate flexible schedules with their assigned unit.

6. **UFT Board.** An AFRC UFT board meets over the course of two days to review UFT applications. The board strives to select the most qualified applicants for flying training and to ensure training allocations are utilized to the maximum extent possible.

6.1. Many factors go into the selection of UFT candidates. These factors include, but are not limited to, previous flying experience, prior military experience, AFOQT/PCSM scores, degree and GPA, sponsorship status, and any ETP requests or quality force indicators.

6.2. Upon approval of the UFT board results, AFRC/A3 will email a signed UFT Board Results Message to NAF and wing (or ROTC detachment) commanders. Commanders should notify selectees of their selection within one week of receipt of the Results Message. One week after commanders are notified, the results are released to AFRC Recruiting Squadron and posted to the AFRC/A3RB SharePoint site. Recruiters and FSS should work with selectees to complete required paperwork and facilitate gaining to the 340th FTG. AFRC/A3RB will send a UFT Board Selection Guidance Letter to all selectees to provide additional guidance. Applicants should expect to be notified of the board results no later than 30 days after the board convenes. Selectees should be prepared to begin training immediately upon selection.

6.3. If you are not selected on a UFT board, you may reapply to a subsequent board, provided something in your application package has changed (e.g. more flight hours, higher test scores, etc.).

7. **UFT Board Application Process.** Application procedures vary slightly depending on the status and circumstances of the applicant. For example, a new civilian applicant will have different requirements than a current AFR member, and a unit-sponsored applicant will have different requirements than an unsponsored one. Application procedures for the various applicant types are listed in the following sections, according to the type of applicant. The types of applicants are: Non Prior Service (NPS), Prior Service AF Reserve (PSR), Prior Service AF Active Duty (PSA), Prior Service Air National Guard (PSG), Prior Service Other (non-AF) (PSO), Majors and Above (O4+) and ROTC applicants (ROTC). All applicants are either sponsored (S) or unsponsored (U). **For instructions on how to apply, reference the section below that applies to you.** The term “prior service” means the applicant is currently in the military.
7.1. **Non-Prior Service**

7.1.1. **Sponsored.** A Non-Prior Service/Sponsored applicant (NPS/S) (i.e., new accession) is an individual who is not currently serving in any branch of the military and has been sponsored by an AFR flying unit. To apply as a NPS/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column D of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.1.2. **Unsponsored.** A Non-Prior Service/Unsponsored applicant (NPS/U) (i.e., new accession) is an individual who is not currently serving in any branch of the military and has not yet been sponsored by an AFR flying unit. To apply as a NPS/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column E of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.2. **Prior Service - Reserve AF**

7.2.1. **Officer**

7.2.1.1. **Sponsored.** A Prior Service - Reserve AF Officer/Sponsored applicant (PSRO/S) is an individual currently serving in the AFR as an officer (Captain or below) who has been sponsored by an AFR flying unit. To apply as a PSRO/S applicant, work with your current unit, sponsoring unit, and the career development team of your servicing Force Support Squadron (FSS) to complete the items marked in Column F of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.2.1.2. **Unsponsored.** A Prior Service - Reserve AF Officer/Unsponsored applicant (PSRO/U) is an individual currently serving in the AFR as an officer (Captain or below) who has not yet been sponsored by an AFR flying unit. To apply as a PSRO/U applicant, work with your current unit and the career development team of your servicing Force Support Squadron (FSS) to complete the items marked in Column G of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.2.2. **Enlisted**

7.2.2.1. **Sponsored.** A Prior Service Reserve AF Enlisted/Sponsored applicant (PSRE/S) is an individual currently serving in the AFR as an enlisted member who has been sponsored by an AFR flying unit. To apply as a PSRE/S applicant, work with your current unit, sponsoring unit, and the career development team of your servicing Force Support Squadron (FSS) to complete the items marked in Column H of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.2.2.2. **Unsponsored.** A Prior Service Reserve AF Enlisted/Unsponsored applicant (PSRE/U) is an individual currently serving in the AFR as an enlisted member who has not yet been sponsored by an AFR flying unit. To apply as a PSRE/U applicant, work with your current unit and the career development team of your servicing Force Support Squadron (FSS) to complete the items marked in Column I of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.3. **Prior Service - Active Duty AF**

7.3.1. **Officer**
7.3.1.1. **Sponsored.** A Prior Service - Active Duty AF Officer/Sponsored applicant \((\text{PSAO/S})\) is an individual currently serving in the Air Force as an active duty officer who has been sponsored by an AFR flying unit. To apply as a PSAO/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column J of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.3.1.2. **Unsponsored.** A Prior Service - Active Duty AF Officer/Unsponsored applicant \((\text{PSAO/U})\) is an individual currently serving in the Air Force as an active duty officer who has not yet been sponsored by an AFR flying unit. To apply as a PSAO/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column K of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.3.2. **Enlisted**

7.3.2.1. **Sponsored.** A Prior Service - Active Duty AF Enlisted/Sponsored applicant \((\text{PSAE/S})\) is an individual currently serving in the Air Force as an active duty enlisted member who has been sponsored by an AFR flying unit. To apply as a PSAE/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column L of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.3.2.2. **Unsponsored.** A Prior Service - Active Duty Enlisted/Unsponsored applicant \((\text{PSAE/U})\) is an individual currently serving in the Air Force as an active duty enlisted member who has not yet been sponsored by an AFR flying unit. To apply as a PSAE/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column M of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.4. **Prior Service - Air National Guard (ANG)**

7.4.1. **Officer**

7.4.1.1. **Sponsored.** A Prior Service - ANG Officer/Sponsored applicant \((\text{PSGO/S})\) is an individual currently serving in the Air National Guard as an officer (Captain or below) who has been sponsored by an AFR flying unit. To apply as a PSGO/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column N of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.4.1.2. **Unsponsored.** A Prior Service - ANG Officer/Unsponsored applicant \((\text{PSGO/U})\) is an individual currently serving in the Air National Guard as an officer (Captain or below) who has not yet been sponsored by an AFR flying unit. To apply as a PSGO/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and
assist you in completing the items marked in **Column O** of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

### 7.4.2. Enlisted

#### 7.4.2.1. Sponsored

A Prior Service - ANG Enlisted/Sponsored applicant (**PSGE/S**) is an individual currently serving in the Air National Guard as an enlisted member who has been sponsored by an AFR flying unit. To apply as a PSGE/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in **Column P** of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

#### 7.4.2.2. Unsponsored

A Prior Service - ANG Enlisted/Unsponsored applicant (**PSGE/U**) is an individual currently serving in the Air National Guard as an enlisted member who has not yet been sponsored by an AFR flying unit. To apply as a PSGE/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in **Column Q** of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

### 7.5. Prior Service - Other (Non-AF)

#### 7.5.1. Officer

#### 7.5.1.1. Sponsored

A Prior Service - Other (Non-AF) Officer/Sponsored applicant (**PSOO/S**) is an individual currently serving in the military (non-Air Force branch) as an officer (Captain or below) who has been sponsored by an AFR flying unit. To apply as a PSOO/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in **Column R** of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

#### 7.5.1.2. Unsponsored

A Prior Service - Other (Non-AF) Officer/Unsponsored applicant (**PSOO/U**) is an individual currently serving in the military (non-Air Force branch) as an officer (Captain or below) who has not yet been sponsored by an AFR flying unit. To apply as a PSOO/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in **Column S** of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

#### 7.5.2. Enlisted

#### 7.5.2.1. Sponsored

A Prior Service - Other (Non-AF) Enlisted/Sponsored applicant (**PSOE/S**) is an individual currently serving in the military (non-Air Force branch) as an enlisted member who has been sponsored by an AFR flying unit. To apply as a PSOE/S applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in **Column T** of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

#### 7.5.2.2. Unsponsored

A Prior Service - Other (Non-AF) Enlisted/Unsponsored applicant (**PSOE/U**) is an individual currently serving in the military (non-Air Force branch) as an officer (Captain or below) who
has not yet been sponsored by an AFR flying unit. To apply as a PSOE/U applicant, schedule an appointment with the nearest AFR Officer Accession (OA) recruiter. Reference ATTACHMENT 8 – AFR OFFICER ACCESSIONS RECRUITER CONTACT LIST. The OA recruiter will provide initial counseling on AFR participation and assist you in completing the items marked in Column U of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.6. **ROTC Cadet.** The application process for an ROTC rated board (RCP-R program) is slightly different than non-ROTC boards. As an ROTC applicant, you will obtain a flight physical after you have been selected by the board. AFRC/A3RB will forward the signed UFT Board Results Message to AFRC/SGOZ. AFRC/SGOZ will schedule the Initial Flying Class (IFC)/Medical Flight Screening (MFS) and send the appointment information and other details to you. Once you have completed an IFC physical and it has been stamped “Certified,” an AFR Officer Accession recruiter will contact you to complete the required paperwork and facilitate a smooth transition to AFR. Upon graduation and commissioning, selected cadets will be gained to the 340th Flying Training Group (FTG) and will begin UFT. If you are not selected by the UFT board, you may reapply to the subsequent board, provided you have not already been selected for UFT on another (RegAF) board. The ROTC detachment should complete the Form 53 process as they would with an Active Duty-bound cadet, in the event an ROTC cadet applicant is medically disqualified from aviation service. Medically-disqualified cadets will not commission into the AFR, but will continue on Active Duty track as a non-rated officer, per normal ROTC processes and procedures.

7.6.1. **Sponsored.** An ROTC/Sponsored applicant (ROTC/S) is an AFROTC cadet applying to the Reserve Categorization Process, Rated (RCP-R) program who has been sponsored by an AFR flying unit. To apply as an ROTC/S applicant, work with your ROTC detachment cadre to follow the guidance outlined in the ARMS-AFROTC message. Once you have a certified flight physical, the nearest AFR Officer Accession (OA) recruiter will contact you to provide initial counseling on AFR participation and assist you in completing the items marked in Column V of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.6.2. **Unsponsored.** An ROTC/Unsponsored applicant (ROTC/U) is an AFROTC cadet applying to the Reserve Categorization Process, Rated (RCP-R) program who has not yet been sponsored by an AFR flying unit. To apply as an ROTC/U applicant, work with your ROTC detachment cadre to follow the guidance outlined in the ARMS-AFROTC message. Once you have a certified flight physical, the nearest AFR Officer Accession (OA) recruiter will contact you to provide initial counseling on AFR participation and assist you in completing the items marked in Column W of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

7.7. **Major and Above.** A Major and Above applicant (O4+) is an individual currently serving in the military as a Major (and above). Due to the requirement for an ETP, O4+ applicants must be sponsored. They are not boarded via the normal UFT board process, since they must receive AF/A1 concurrence to attend UFT (see AFI36-2105 Table 5.1). An O4+ applicant should submit a UFT application at any time (does not meet normal AFR UFT board) via an uploaded snowflake in TMT, routed as follows: WG/CC > NAF/CC > AFRC/A3RB > AFRC/A3 > AFRC/DS > AFRC/CD > AFRC/CC > AF/A1PP > AF/A1P. To apply as an O4+ applicant, work with your OA recruiter (if you are not in the AFR) and your current unit to complete the items marked in Column X of ATTACHMENT 9 - UFT BOARD APPLICATION CHECKLIST.

8. **UFT Eliminations.** In some cases, UFT students do not complete the training pipeline. If you are eliminated and removed from formal flying training, you will be administratively returned to 340th FTG for further disposition. Subsequent actions depend on your sponsorship status, as outlined below.

8.1. **Sponsored.** If you are eliminated or permanently disqualified from aviation service and you are sponsored, you will be returned to your sponsoring unit. Once returned to your home station/unit of sponsorship, your centrally-funded school tour orders will be terminated. Your wing commander, utilizing Reserve Management Vacancy System (RMVS), will determine the best course of action to enable the fulfillment of your Reserve Service Commitment (RSC).
8.2. **Unsponsored.** If you are eliminated or permanently disqualified from aviation service and you are unsponsored, you can expect to be either assigned to a non-rated vacant position within your previous reserve unit or a reserve unit within commuting distance until fulfillment of your RSC, transferred to Air Reserve Personnel Center (ARPC), or processed for discharge according to AFI 36-3209 SEPARATION AND RETIREMENT PROCEDURES FOR AIR NATIONAL GUARD AND AIR FORCE RESERVE MEMBERS.

8.3. If you are eliminated from UPT, you may be considered for CSO, URT, or ABM if you are qualified and specifically recommended (as indicated on AETC Form 139 or equivalent) for further flight training by the eliminating authority. An exception to policy is required in accordance with paragraph 4.2.6.2 and chapter 5 of AFI36-2105 (ATTACHMENT 3). Your unit commander must request reinstatement in writing and provide AF Form 1288, *Application for Ready Reserve Assignment*, to the 340 FTG UFT Workflow with new assignment information. (340 FTG Workflow: [340FTG.UFT.Workflow@us.af.mil](mailto:340FTG.UFT.Workflow@us.af.mil)).

8.4. Depending on the timing of the elimination, you may have a remaining RSC IAW AFRCI 36-2102. You may be transferred to the IRR if you don’t have an RSC or if the RSC has been waived IAW AFRCI 36-2102.

9. **Medical.** If for some reason you are unable to continue UFT due to a medical issue, the 340th FTG will work with you to resolve the issue while supporting you and your family. The Air Reserve Component Case Management Division (ARC-CMD) is a centralized case management system office consisting of RegAF, AFR and ANG personnel. The ARC-CMD oversees the timely evaluation, treatment, and disposition of Wounded, Ill and Injured (WII) ARC Airmen and ensures expedited medical evaluation and treatment of Airmen to regain their ability to perform military duties or to enter into the Integrated Disability Evaluation System (IDES).

10. **AFR Missions, Aircraft, Units and Bases.** The AFR conducts a wide variety of missions in support of Air Force and Department of Defense (DoD) initiatives utilizing the world’s greatest aircraft. See below for more information on these aircraft and the units that fly them, color-coded and grouped by the specific missions they support.

10.1. **Air Refueling**

10.1.1. **KC-10A Extender.** The KC-10 Extender is an advanced tanker and cargo aircraft designed to provide increased global mobility for U.S. armed forces. Although the KC-10’s primary mission is aerial refueling, it can combine the tasks of a tanker and cargo aircraft by refueling fighters and simultaneously carry the fighter support personnel and equipment on overseas deployments. The KC-10 is also capable of transporting litter and ambulatory patients using patient support pallets during aeromedical evacuations.

- 70th Air Refueling Squadron, 349th Air Mobility Wing, Travis Air Force Base, California
- 76th Air Refueling Squadron, 514th Air Mobility Wing, Joint Base McGuire-Dix-Lakehurst, New Jersey
- 78th Air Refueling Squadron, 514th Air Mobility Wing, Joint Base McGuire-Dix-Lakehurst, New Jersey
- 79th Air Refueling Squadron, 349th Air Mobility Wing, Travis Air Force Base, California

10.1.2. **KC-46A Pegasus.** The KC-46A is the first phase in recapitalizing the U.S. Air Force’s aging tanker fleet. With greater refueling, cargo and aeromedical evacuation capabilities compared to the KC-135, the KC-46A provides next generation aerial refueling support to Air Force, Navy, Marine Corps and partner-nation receivers.

- 18th Air Refueling Squadron, 931st Air Refueling Wing, McConnell Air Force Base, Kansas
- 905th Air Refueling Squadron, 931st Air Refueling Wing, McConnell AFB, Kansas
- 924th Air Refueling Squadron, 931st Air Refueling Wing, McConnell AFB, Kansas
- Additional units will transition to the KC-46 in the near future
10.1.3. **KC-135R Stratotanker.** The KC-135R Stratotanker provides the core aerial refueling capability for the United States Air Force and has excelled in this role for more than 60 years. This unique asset enhances the Air Force’s capability to accomplish its primary mission of global reach. It also provides aerial refueling support to Air Force, Navy, Marine Corps and allied nation aircraft. The KC-135R is also capable of transporting litter and ambulatory patients using patient support pallets during aeromedical evacuations.

- 18th Air Refueling Squadron, 931st Air Refueling Wing, McConnell AFB, Kansas
- 63rd Air Refueling Squadron, 927th Air Refueling Wing, MacDill Air Force Base, Florida
- 72nd Air Refueling Squadron, 434th Air Refueling Wing, Grissom Air Reserve Base, Indiana
- 74th Air Refueling Squadron, 434th Air Refueling Wing, Grissom Air Reserve Base, Indiana
- 77th Air Refueling Squadron, 926th Air Refueling Wing, Seymour Johnson AFB, North Carolina
- 314th Air Refueling Squadron, 940th Air Refueling Wing, Beale Air Force Base, California
- 328th Air Refueling Squadron, 914th Air Refueling Wing, Niagara Falls Air Reserve Station, NY
- 336th Air Refueling Squadron, 452nd Air Mobility Wing, March Air Reserve Base, California
- 465th Air Refueling Squadron, 507th Air Refueling Wing, Tinker Air Force Base, Oklahoma
- 756th Air Refueling Squadron, 459th Air Refueling Wing, Joint Base Andrews, Maryland

10.2. **Air Superiority**

10.2.1. **F-22 Raptor.** The F-22 Raptor is one of the Air Force's newest fighter aircraft. Its combination of stealth, supercruise, maneuverability, and integrated avionics, coupled with improved supportability, represents an exponential leap in warfighting capabilities. The Raptor performs both air-to-air and air-to-ground missions allowing full realization of operational concepts vital to the 21st century Air Force. The F-22, a critical component of the Global Strike Task Force, is designed to project air dominance, rapidly and at great distances and defeat threats attempting to deny access to our nation's Air Force, Army, Navy and Marine Corps. The F-22 cannot be matched by any known or projected fighter aircraft.

- 301st Fighter Squadron, 44th Fighter Group, Tyndall Air Force Base, Florida
- 302nd Fighter Squadron, 477th Fighter Group, Joint Base Elmendorf-Richardson, Alaska

10.3. **Command and Control**

10.3.1. **E-3C/G Sentry.** The E-3C/G Sentry is an airborne warning and control system, or AWACS, aircraft with an integrated command and control battle management, or C2BM, surveillance, target detection, and tracking platform. The aircraft provides an accurate, real-time picture of the battlespace to the Joint Air Operations Center. AWACS provides situational awareness of friendly, neutral and hostile activity, command and control of an area of responsibility, battle management of theater forces, all-altitude and all-weather surveillance of the battle space, and early warning of enemy actions during joint, allied, and coalition operations.

- 970th Airborne Air Control Squadron, 513th Air Control Group, Tinker AFB, Oklahoma

10.4. **Global Precision Attack**
10.4.1. **A-10C Thunderbolt II.** The A-10C Thunderbolt II has excellent maneuverability at low air speeds and altitude, and is a highly accurate and survivable weapons-delivery platform. The aircraft can loiter near battle areas for extended periods of time and operate in low ceiling and visibility conditions. The wide combat radius and short takeoff and landing capability permit operations in and out of locations near front lines. Using night vision goggles, A-10 pilots can conduct their missions during darkness.

- 47th Fighter Squadron, 924th Fighter Group, Davis-Monthan Air Force Base, Arizona
- 76th Fighter Squadron, 476th Fighter Group, Moody Air Force Base, Georgia
- 303rd Fighter Squadron, 442nd Fighter Wing, Whiteman Air Force Base, Missouri

10.4.2. **B-1B Lancer.** Carrying the largest conventional payload of both guided and unguided weapons in the Air Force inventory, the multi-mission B-1 is the backbone of America's long-range bomber force. It can rapidly deliver massive quantities of precision and non-precision weapons against any adversary, anywhere in the world, at any time.

- 345th Bomb Squadron, 307th Bomb Wing, Dyess Air Force Base, Texas

10.4.3. **B-52H Stratofortress.** The B-52H is a long-range, heavy bomber that can perform a variety of missions. The bomber is capable of flying at high subsonic speeds at altitudes up to 50,000 feet (15,166.6 meters). It can carry nuclear or precision guided conventional ordnance with worldwide precision navigation capability.

- 93rd Bomb Squadron, 307th Bomb Wing, Barksdale Air Force Base, Louisiana
- 343rd Bomb Squadron, 307th Bomb Wing, Barksdale Air Force Base, Louisiana

10.4.4. **F-15E Strike Eagle.** The F-15E Strike Eagle is a dual-role fighter designed to dominate air-to-air and air-to-ground missions. An array of avionics and electronics systems gives the F-15E the capability to fight at low altitude, day or night, and in all weather. Using two crew members, a pilot and a WSO, the Strike Eagle has the capability to fight its way to a target over long ranges, destroy enemy aircraft and ground targets, and fight its way out.

- 307th Fighter Squadron, 414th Fighter Group, Seymour Johnson AFB, North Carolina (current F-15E pilot and WSO instructors only)

10.4.5. **F-16C Fighting Falcon.** The F-16C Fighting Falcon is a compact, multi-role fighter aircraft. It is highly maneuverable and has proven itself in air-to-air combat and air-to-surface attack. It provides a relatively low-cost, high-performance weapon system for the United States and allied nations.

- 69th Fighter Squadron, 944th Fighter Wing, Luke Air Force Base, Arizona
- 93rd Fighter Squadron, 482nd Fighter Wing, Homestead Air Reserve Base, Florida
- 457th Fighter Squadron, 301st Fighter Wing, Joint Reserve Base Fort Worth, Texas
- 706th Fighter Squadron, 926th Wing, Nellis Air Force Base, Nevada
10.4.6. **F-35A Lightning II.** The F-35A is the U.S. Air Force’s latest fifth-generation fighter. It will replace the U.S. Air Force’s aging fleet of F-16 Fighting Falcons and A-10 Thunderbolt II’s, which have been the primary fighter aircraft for more than 20 years, and bring with it an enhanced capability to survive in the advanced threat environment in which it was designed to operate. With its aerodynamic performance and advanced integrated avionics, the F-35A will provide next-generation stealth, enhanced situational awareness, and reduced vulnerability for the United States and allied nations.

- 69th Fighter Squadron, 944th Fighter Wing, Luke Air Force Base, Arizona
- 466th Fighter Squadron, 419th Fighter Wing, Hill Air Force Base, Utah

10.5. **Intelligence, Surveillance and Reconnaissance**

10.5.1. **MQ-9 Reaper.** The MQ-9 Reaper is an armed, multi-mission, medium-altitude, long-endurance remotely piloted aircraft that is employed primarily against dynamic execution targets and secondarily as an intelligence collection asset. Given its significant loiter time, wide-range sensors, multi-mode communications suite, and precision weapons -- it provides a unique capability to perform strike, coordination, and reconnaissance against high-value, fleeting, and time-sensitive targets.

- 2nd Special Operations Squadron, 919th Special Operations Wing, Hurlburt Field, Florida
- 78th Attack Squadron, 926th Wing, Creech Air Force Base, Nevada
- 91st Attack Squadron, 926th Wing, Creech Air Force Base, Nevada
- 429th Attack Squadron, 926th Wing, Holloman Air Force Base, New Mexico

10.5.2. **RQ-4 Global Hawk.** The RQ-4 Global Hawk is a high-altitude, long-endurance, remotely piloted aircraft with an integrated sensor suite that provides global all-weather, day or night intelligence, surveillance and reconnaissance (ISR) capability. Global Hawk's mission is to provide a broad spectrum of ISR collection capability to support joint combatant forces in worldwide peacetime, contingency and wartime operations. The Global Hawk provides persistent near-real-time coverage using imagery intelligence (IMINT), signals intelligence (SIGINT) and moving target indicator (MTI) sensors.

- 13th Reconnaissance Squadron, 926th Wing, Beale Air Force Base, California

10.6. **Personnel Recovery**

10.6.1. **HC-130N/P.** The mission of the HC-130P/N "King" is to rapidly deploy to austere airfields and denied territory in order to execute all-weather personnel recovery operations anytime, anywhere. King crews routinely perform high and low altitude personnel & equipment airdrops, infiltration/exfiltration of personnel, helicopter air-to-air refueling, and forward area refueling point missions. When tasked, the aircraft also conducts humanitarian assistance operations, disaster response, security cooperation/aviation advisory, emergency aeromedical evacuation, casualty evacuation, noncombatant evacuation operations, and, during the Space Shuttle program, space flight support for NASA.

- 39th Rescue Squadron, 920th Rescue Wing, Patrick Air Force Base, Florida
10.6.2. **HH-60G.** The primary mission of the HH-60G Pave Hawk helicopter is to conduct day or night personnel recovery operations into hostile environments to recover isolated personnel during war. The HH-60G is also tasked to perform military operations other than war, including civil search and rescue, medical evacuation, disaster response, humanitarian assistance, security cooperation/aviation advisory, NASA space flight support, and rescue command and control.

- 301st Rescue Squadron, 920th Rescue Wing, Patrick Air Force Base, Florida
- 305th Rescue Squadron, 943rd Rescue Group, Davis Monthan Air Force Base, Arizona

10.7. **Rapid Global Mobility**

10.7.1. **C-5M Galaxy.** The C-5M Super Galaxy is a strategic transport aircraft and is the largest aircraft in the Air Force inventory. Its primary mission is to transport cargo and personnel for the Department of Defense. The C-5M is a modernized version of the legacy C-5 designed and manufactured by Lockheed Martin. Currently the U.S. Air Force owns and operates 52 C-5B/C/M. They are stationed at Dover Air Force Base, Delaware; Travis AFB, California; Joint Base San Antonio-Lackland, Texas; and Westover Air Reserve Base, Massachusetts.

- 68th Airlift Squadron, 433rd Airlift Wing, Joint Base San Antonio, Texas
- 312th Airlift Squadron, 349th Air Mobility Wing, Travis Air Force Base, California
- 337th Airlift Squadron, 439th Airlift Wing, Westover Air Reserve Base, Massachusetts
- 356th Airlift Squadron, 433rd Airlift Wing, Joint Base San Antonio-Lackland, Texas
- 709th Airlift Squadron, 512th Airlift Wing, Dover Air Force Base, Delaware

10.7.2. **C-40C.** The C-40C provides safe, comfortable and reliable transportation for U.S. leaders to locations around the world. The C-40C's primary customers are the combatant commanders and members of the Cabinet and Congress. The aircraft also performs other operational support missions.

- 73rd Airlift Squadron, 932nd Airlift Wing, Scott AFB, Illinois

10.7.3. **C-130H/J Hercules.** The C-130 Hercules primarily performs the tactical portion of the airlift mission. The aircraft is capable of operating from rough, dirt strips and is the prime transport for airdropping troops and equipment into hostile areas. The C-130 operates throughout the U.S. Air Force, fulfilling a wide range of operational missions in both peace and war situations.

- 96th Airlift Squadron, 934th Airlift Wing, Minneapolis-St Paul Air Reserve Station, Minnesota
- 327th Airlift Squadron, 913th Airlift Group, Little Rock Air Force Base, Arkansas
- 357th Airlift Squadron, 908th Airlift Wing, Maxwell Air Force Base, Alabama
- 700th Airlift Squadron, 94th Airlift Wing, Dobbins Air Reserve Base, Georgia
- 731st Airlift Squadron, 302nd Airlift Wing, Peterson Air Force Base, Colorado
- 757th Airlift Squadron, 910th Airlift Wing, Youngstown-Warren Air Reserve Station, Ohio
- 815th Airlift Squadron, 403rd Wing, Keesler Air Force Base, Mississippi
10.7.4. **C-17A Globemaster.** The C-17A Globemaster III is the most flexible cargo aircraft to enter the airlift force. The C-17 is capable of rapid strategic delivery of troops and all types of cargo to main operating bases or directly to forward bases in the deployment area. The aircraft can perform tactical airlift and airdrop missions and can transport litters and ambulatory patients during aeromedical evacuations. The inherent flexibility and performance of the C-17 force improve the ability of the total airlift system to fulfill the worldwide air mobility requirements of the United States.

- 89th Airlift Squadron, 445th Airlift Wing, Wright-Patterson Air Force Base, Ohio
- 97th Airlift Squadron, 446th Airlift Wing, Joint Base Lewis-McChord, Washington
- 300th Airlift Squadron, 315th Airlift Wing, Joint Base Charleston, South Carolina
- 301st Airlift Squadron, 349th Air Mobility Wing, Travis Air Force Base, California
- 313th Airlift Squadron, 446th Airlift Wing, Joint Base Lewis-McChord, Washington
- 317th Airlift Squadron, 315th Airlift Wing, Joint Base Charleston, South Carolina
- 326th Airlift Squadron, 512th Airlift Wing, Dover Air Force Base, Maryland
- 701st Airlift Squadron, 315th Airlift Wing, Joint Base Charleston, South Carolina
- 728th Airlift Squadron, 446th Airlift Wing, Joint Base Lewis-McChord, Washington
- 729th Airlift Squadron, 452nd Air Mobility Wing, March Air Reserve Base, California
- 732nd Airlift Squadron, 514th Air Mobility Wing, Joint Base McGuire-Dix-Lakehurst, New Jersey
- 758th Airlift Squadron, 911th Airlift Wing, Pittsburgh Air Reserve Station, Pennsylvania

10.8. **Special Operations**

10.8.1. **AC-130U/J.** The AC-130U/J Spooky gunships’ primary missions are close air support, air interdiction and armed reconnaissance. Close air support missions include troops in contact, convoy escort and point air defense. Air interdiction missions are conducted against preplanned targets or targets of opportunity and include strike coordination, reconnaissance, and armed overwatch.

- 5th Special Operations Squadron, 919th Special Operations Wing, Hurlburt Field, Florida

10.8.2. **AC-208.** The AC-208 Combat Caravan is a counter insurgency light attack aircraft equipped with an electro-optical targeting system with an integrated laser designator, data link systems and self-protection equipment. The AC-208 supports Aviation Foreign Internal Defense (AvFID) missions.

- 711th Special Operations Squadron, 919th Special Operations Wing, Duke Field, Florida

10.8.3. **C-145A.** The C-145A Skytruck’s primary role is aircrew training for U.S. Special Operations Command’s Aviation Foreign Internal Defense (AvFID) mission to assess, train, advise and assist foreign aviation forces in airpower employment, sustainment and force integration.

- 711th Special Operations Squadron, 919th Special Operations Wing, Duke Field, Florida
10.8.4. **C-146A.** The C-146A Wolfhound’s primary mission is to provide U.S. Special Operations Command flexible, responsive and operational movement of small teams needed in support of Theater Special Operations Commands. Airlift missions are conducted by Air Force Special Operations Command aircrews to prepared and semi-prepared airfields around the world, supporting Non-Standard Aviation (NSAv) missions.

> 859th Special Operations Squadron, 919th Special Operations Wing, Duke Field, Florida

10.8.5. **MC-130H/J.** The MC-130H/J Combat Talon II provides infiltration, exfiltration, and resupply of special operations forces in hostile or denied territory. Other missions include psychological operations and helicopter air refueling.

> 5th Special Operations Squadron, 919th Special Operations Wing, Hurlburt Field, Florida

10.8.6. **U-28.** The U-28A provides manned fixed-wing tactical airborne ISR support to humanitarian operations, search and rescue and conventional and special operation missions.

> 5th Special Operations Squadron, 919th Special Operations Wing, Hurlburt Field, Florida

10.9. **Weather Reconnaissance**

10.9.1. **WC-130J.** The WC-130 Hercules is a high-wing, medium-range aircraft flown by the Air Force Reserve Command for weather reconnaissance missions. The weather data collection aircraft penetrates tropical disturbances and storms, hurricanes and winter storms to obtain data on movement, size and intensity.

> 53rd Weather Reconnaissance Squadron, 403rd Wing, Keesler Air Force Base, Mississippi