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CFETP1A1XX  
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# CAREER ENLISTED AVIATOR 1A1XX



## CAREER FIELD EDUCATION AND TRAINING PLAN (CFETP)

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**CAREER FIELD EDUCATION AND TRAINING PLAN  
CAREER ENLISTED AVIATORS  
AFSC CEA**

**PART I**

## Preface

1. This Career Field Education and Training Plan is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources and minimum core task requirements for this specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of career field training.

2. The CFETP consists of two parts and three attachments:

2.1. Part I provides information necessary for the overall management of the CEA AFS and is divided into four sections. Section A- General Information; Section B- Career Progression Information; Section C- Duties and Responsibilities; Section D – Resource Constraints. Some examples are funds, workforce equipment, and facilities.

*Note: The Air Force Enlisted Classification Directory (AFECD) and AFMAN 36-2100 Military Utilization and Classification contain the specialty descriptions.*

2.2. Part II includes information regarding training requirements and is divided into six sections. Section A- identifies the Specialty Training Standard and includes duties, tasks, technical references to support training, AETC conducted training, and correspondence course requirements. Section B- contains the course objective list and training standards supervisors will use to determine if Airmen satisfy training requirements. Section C identifies available training support materials. Section D- identifies a training course index that is used to determine resources available to support training. Included here are both mandatory and optional courses. Sections E and F identify MAJCOM unique training requirements.

2.3. Attachment 1 to the electronic version of the CFETP defines the qualitative requirements for successful completion of Undergraduate Flying Training. Attachment 2 lists all training line items required for CEAs to be awarded a 3-skill level. Attachment 3 provides a visual depiction of the CEA AFS career path. This chart provides a timeline for achieving additional qualifications such as instructor, evaluator, and FTU assignment. Lastly, the chart identifies leadership opportunities within the squadron, group, wing, MAJCOM, and HQ/USAF.

3. This CFETP is designed to ensure individuals in the CEA AFS receive comprehensive and effective training at the appropriate phases of their careers. At unit level, supervisors, and instructors use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

## ABBREVIATIONS/TERMS EXPLAINED

**Note:** These terms have been standardized through all Career Enlisted Aviator CFETPs. Not all terms may appear in this volume.

**Advanced Instructor Course (AIC).** A formal instructor course to provide advanced academic, simulator, and flight training with a focus on building and developing tactical, technical, and instructional expertise. The overall vision is to enhance enlisted aircrew leadership, develop instructional methodology, technical expertise, and continuity within the specialty.

**Air Force Career Field Manager (AFCFM).** Representative appointed by the respective HQ USAF Deputy Chief of Staff or Under Secretariat, to ensure assigned AF specialties are trained and utilized to support AF mission requirements.

**Air Force Force Generation (AFFORGEN).** A 24-month cycle composed of four, six-month readiness phases that ensure a sustainable force offering of Airmen and airpower to the Joint Force. The four AFFORGEN phases align with the Joint Staff's three phase model. AFFORGEN phases are: Available to Commit, Reset, Prepare, and Ready.

**Air Force Specialty Code (AFSC).** An alphanumeric combination used to identify an Air Force Specialty (AFS). Officer AFSCs consists of four characters and/or digits. Airmen AFSCs consist of five characters and/or digits. When more specific identification of position requirements and individual qualifications is needed, alpha prefixes and suffixes are used with the numerical codes.

**Air Reserve Component (ARC).** Air National Guard and Air Force Reserve units.

**Aircrew Fundamentals Course (AFC).** A formal training course to prepare enlisted personnel for a career in aviation. The knowledge presented in the course includes physiological, survival, aircrew mission, anti-hijacking and anti-terrorism, aircrew coordination, aircrew training, basic aerodynamics, aircraft publications, safety, and flight medicine. This course screens for the ability to handle the rigor of aircrew duties prior to entering costly follow-on training.

**Aircrew Graduate Evaluation Program (AGEP).** A survey completed by FTU graduates and conducted in accordance with AETCI 36-2206. Feedback gathered through the AGEP is used to ensure AETC formal flying training course graduates meet customer requirements. The AGEP goal is to provide training program managers and senior leaders a comprehensive assessment of training effectiveness and areas of improvement.

**Aircrew Training System (ATS).** A system wherein a civilian contractor provides academic, simulator and other designated aircrew training methods. ATS courses are listed in the applicable AFMAN 11-2 MDS-Specific, Volume 1 or the Education and Training Course Announcement (ETCA) website (<https://etca.randolph.af.mil>).

**Airman Leadership School (ALS).** ALS is a resident Community College Air Force (CCAF)-affiliated program that consists of 169 curriculum hours. The curriculum prepares Senior Airmen and Guardians to be professional, war-fighting Airmen and Space Professionals who can supervise and lead work teams as an all-domain joint warfighting professional to support the employment of an Air and Space power.

**Basic Aircraft Qualification (BAQ).** Applies to an aircrew member who has satisfactorily completed IQT and is qualified to perform aircrew duties in the unit aircraft. The member must perform at the minimum frequency necessary to meet the most recent sortie and flight standards set for that weapon system in the applicable AFMAN 112MDS Volume 1.

**Basic Military Training (BMT).** Training provided to non-prior service (NPS) Airmen to affect an orderly transition from civilian to military life.

**Basic Mission Capable (BMC).** An aircrew member who has satisfactorily completed IQT and MQT, is qualified in some aspect of the unit mission, but does not maintain MR/CMR status. The aircrew member must be able to attain full qualification to meet operational taskings within 30 days, or in accordance with the applicable AFMAN 11-2MDS Volume 1.

**Career Enlisted Aviator (CEA).** An enlisted aircrew member that is highly trained to conduct various roles and capabilities in support of USAF and joint multi-domain mission sets. A CEA maintains requirements to possess any of the 1AXXX or 1UXXX specialties.

**CEA Center of Excellence (CoE).** Located at Joint Base San Antonio-Lackland, TX and provides aircrew candidates basic aviation skills and training to prepare Airmen for IQT at formal training units.

**Career Field Education and Training Plan (CFETP).** A CFETP is a comprehensive core training document that identifies life-cycle education and training requirements. It also provides training support resources and minimum core task requirements for a specialty, aims to provide personnel a clear career path and instill a sense of industry in career field training.

**Career Enlisted Aviator Senior Leader Course (CEASLC).** A course that proactively prepares TSgt and MSGt CEAs for future roles as Operations Superintendents and Squadron SELs. This course is focuses on transitioning NCOs and SNCOs into operational leaders with an understanding of strategic aircrew management. CEASLC covers the unique attributes of effectively managing CEAs and prepares airmen for operational leadership roles at, and above, the squadron level. Course content is presented in a guided group discussion format for all 1A/1U AFSCs on Operational and Strategic Competencies, Strategic Structure, Force Management and Career Field Mapping.

**Career Enlisted Aviator Staff Course (CEASC).** A course that prepares SNCOs selected for Key Development and Key Leadership Positions at the NAF, MAJCOM, AFPC, or HAF. Course material is focuses on strategic level aircrew management programming and executive level communication.

**Combat Mission Ready (CMR).** An aircrew member who has satisfactorily completed IQT, MQT, and maintains qualification and proficiency in the command or unit combat mission.

**Community College of the Air Force (CCAF) Academic Programs.** Airmen are automatically enrolled in CCAF upon completion of basic military training. CCAF provides the opportunity to obtain an Associate in Applied Sciences Degree.

**Continuation Training (CT).** The continuation training program provides crew members with the volume, frequency, and mix of training necessary to maintain proficiency in the assigned certification/qualification level.

**Core Task.** A task identified by the AFCFM as a minimum qualification requirement within an AFS or duty position. Core Tasks for the AFS can be either task or knowledge-based and are the STS line items fundamental to meeting these core competencies. Each MAJCOM is responsible for developing the minimum standard to which each core task will be trained. Core skills (or knowledge) must be trained, maintained, and certified, regardless of duty position/location and are based upon skill level.

**Course Objective Lists (COL).** A publication derived from the initial and advanced skills course training standard (CTS), identifying the tasks and knowledge requirements, and respective standards provided to achieve a 3-, -5, or 7- skill level in this career field. Supervisors use the COL to assist in conducting graduate evaluations.

**Course Training Standard (CTS).** A training standard identifying the training members will receive in a specific course.

**Crew Resource Management (CRM).** The effective use of all available resources—people, weapon systems, facilities and equipment, and the environment by individuals or crews to accomplish an assigned mission or task safely and efficiently. The term “CRM” will be used to refer to the training program, objectives, and key skills directed to this end.

**Enlisted Joint Professional Military Education I (EJPME I).** This certificate course is designed to help educate and prepare enlisted leaders assigned to Joint organizations or those going to Joint assignments. Upon completion of the course, students will be better prepared to: operate or work in a joint environment or organization; lead members of multiple Services; and contribute to joint mission success.

**Enlisted Joint Professional Military Education II (EJPME II).** This certificate course is designed to build upon the material presented in the EJPME I course. This certificate course is designed to educate and prepare enlisted

leaders assigned to Joint organizations to successfully support activities; lead members of multiple Services; and better understand operating in a joint environment.

**Evaluator Aircrew member (EXX).** A highly qualified and experienced instructor qualified in a particular crew position that is selected and designated in writing by the SQ/CC or OG/CC to administer flight evaluations to CEAs in that crew position.

**Exportable Training.** Additional training via computer, paper, interactive video, or other necessary means to supplement training.

**Flying Training Unit (FTU).** A unit whose principal mission is to conduct IQT in accordance with a MAJCOM certified syllabus that result in a crew position qualification in a MDS aircraft.

**Functional Manager (FM).** Primary focal point and liaison between the MAJCOM/NAF/DRU and HQ USAF on all matters relating to the aircrew career fields and aviation resource management within the command. This includes, but is not limited to, responsibility for the aircrew training programs, coordination on aircrew resource allocations, and managing education, training, and resources for a specific career field(s) for their organization. A Functional Manager's scope may include all CEAs within a MAJCOM/NAF/DRU, MWS, or MDS.

**Initial Qualification Training (IQT).** Graduate Flying Training required to qualify aircrew for basic aircrew duties in an assigned crew position for a specific aircraft, without regard for the unit's operational mission (Example: C-130J Loadmaster). IQT also occurs during the upgrade training process (Example: Instructor upgrade qualification). It is designed to provide the performance skill/knowledge training required to perform a MDS mission or act in a higher qualification.

**Initial Skills Training (IST).** A formal school course that results in the award of a 3-skill level AFSC. CEA IST consists of Undergraduate Flying Training (AFC and SERE), Graduate Flying Training (also referred to as IQT) in a specific MDS aircraft and culminates in awarding of a 3-skill level and an AF Form 8.

**Instructional System Development (ISD).** A deliberate, orderly, but flexible process for planning, developing, validating, implementing, and reviewing instructional programs. Ensures personnel are provided the skills necessary for successful job performance, with fiscal responsibility in mind.

**Instructor Aircrew (IXX).** A crewmember trained and authorized to instruct other CEAs in crew position(s) for which they are certified/qualified.

**Lead Command.** A MAJCOM is responsible for an assigned weapons system. Lead Commands establish advocacy for designated weapon systems during their life cycle and clarify responsibilities for all using and supporting organizations. They provide primary input into the purpose of developing and maintaining a force structure with a balance of complementary capabilities.

**Major Weapons Systems (MWS).** Several like Mission Design Series (MDS) comprise a Major Weapons System (MWS) category (e.g., the bomber MWS is comprised of the B-1, B-2, and B-52 MDSs).

**Mission Design Series (MDS).** A term used to identify a specific aircraft designation. (Example: UH-1N)

**Mission Qualification Training (MQT).** Training required to qualify crewmembers in an assigned crew position for a specific MDS to perform the command or unit mission. MQT often results in a CMR or MR certification/status. CEAs are awarded a 5-skill level upon completion of MQT.

**Mission Ready (MR).** An aircrew member who has satisfactorily completed IQT, MQT, and maintains qualification and proficiency in the command or unit operational mission.

**Non-commissioned Officer Academy (NCOA).** The NCOA course is a resident Community College of the Air Force (CCAF) affiliated course that consists of 196 hours of classroom instruction delivered over 25 academic days. The overall goals of NCOA are to develop the leadership capability of NCOs with relevant and solution-focused leadership attributes to successfully lead teams, strengthen their organizations culture, solve problems collaboratively, and expand their understanding of the Air Force's role in joint operations to achieve national strategic objectives. A self-study version of the NCOA program is available through Air University's Global

College of PME to facilitate EPME completion for Air National Guard and Air Force Reserves members for whom resident attendance may not be possible.

**Operational Flying Duty Accumulator (OFDA).** Aggregate months of flying duty performed under competent orders while serving in assignments in which flying skills are maintained in the performance of assigned duties.

**Resource Constraints.** Resource deficiencies, such as money, facilities, time, workforce, and equipment that preclude desired training from being accomplished.

**Retraining.** An Air Force objective to balance the career force of each AFSC as needed. The retraining program allows individual airmen a choice of career fields from which to pursue an Air Force career and provides a method to return Airmen disqualified from their current AFSC to a productive status.

**Senior Non-commissioned Officer Academy (SNCOA).** The SNCOA consists of 200 classroom hours, which prepares SNCOs to lead the enlisted force in the employment of air and space power in support of US national security objectives. Specifically, the AFSNCOA develops SNCOs strategic mindset to lead warfighters across a joint domain. SNCOA further develops SNCO effectiveness as a senior enlisted leader in shaping future operations to meet those challenges. SNCOA focuses on National, Military and Air Power Strategy; Integrated Deterrence and Strategic Competition; and contemporary Senior Enlisted Leader Organizational Leadership Environments. A self-study version of the SNCOA program is available through Air University's Global College of PME to facilitate EPME completion for Air National Guard and Air Force Reserves members for whom resident attendance may not be possible.

**Specialty Training Standard (STS).** An AF publication that describes an AFSC in terms of tasks and knowledge an airman in that specialty may be expected to perform or to know on the job. It further serves as a contract between AETC and the functional user to show which of the overall training requirements for an AFSC are taught in formal schools and correspondence courses.

**Standard.** An exact value, a physical entity, or abstract concept, that the appropriate authority, custom, or common consent sets up and defines to serve as a reference, model, or rule in measuring quantities or qualities, developing practices or procedures, or evaluating results. A fixed quantity or quality.

**Subject Matter Expert (SME).** An individual qualified in a particular specialty and who is consulted with their subject matter expertise or knowledge of the specialty.

**Survival, Evasion, Resistance, and Escape Training (SERE).** Conducts preparedness training as part of a supporting or supported force to survey areas for evasion, recovery corridors, contact sites, potential cache site establishment, areas of interest and physical infrastructure.

**Syllabus.** Published outline of training required to achieve the proficiency specified in the course training standards for a specific course. It prescribes the course content, instructions to conduct the training, and the approximate time necessary to successfully complete all requirements. A formal syllabus may be published to include IQT, MQT, CT, and other aircrew training as determined by the training command, MAJCOM, or unit. (Formal and standardized syllabus are used primarily in AETC formal or developed courses.)

**Total Force (TF).** All collective Air Force components (active duty, reserve, guard, and civilian elements) of the United States Air Force.

**Unit Type Code (UTC).** Compose the basic building blocks used in joint force planning and force packaging methodology. UTCs may contain both manpower and equipment details, only manpower force elements, or required equipment only. Air Force planners use UTCs to document total personnel and logistics requirements needed to support operational planning and execution activities. (See AFFORGEN)

**Unqualified [Crew Position] (Uxx).** Students in upgrade training for the duties of a specific crew position and must be supervised by an instructor.

**Undergraduate Flying Training (UFT).** Flying training programs that result in temporary award of aviator wings only. Awarding of the 3-skill level for CEAs occurs after completion of IQT and a successful AF Form 8.

**Upgrade Training (UGT).** Mandatory training that leads to attainment of a higher qualification or certification.

**Utilization and Training Workshop (U&TW).** A forum consisting of the AFCFM, MAJCOM FMs, SMEs, and AETC training personnel who determine career field training requirements.

**Weapons System Training Package (WSTP).** An instructional course that includes IQT, MQT, and CT designed for use at the unit to qualify or aid qualification in a duty position, program, or on a piece of equipment. The WSTP may be printed, computer based, flying, simulator, or other audiovisual material.

## Section A - General Information

### 1. Purpose

This CFETP provides information necessary for the AFCFM, FMs, commanders, training managers, supervisors, and instructors to plan, develop, manage, and conduct an effective and efficient career field training program. This plan outlines training that CEAs must receive to develop and progress throughout their aviation career. For the purpose of this CFETP, training is divided into three areas: UFT, IQT, and MQT. The UFT phase, also known as Initial Skills Training (IST), is the AFS specific training a CEA candidate receives via the Enlisted Training Model upon entry into the Air Force or upon retraining into the CEA AFS. The CEA CoE is the initial segment of UFT for all TF CEA candidates in the AFS awarding process. SERE training is the final portion of UFT and is normally completed prior to IQT. CEAs may postpone SERE training until MQT; however, if required it is a prerequisite for attaining MR/CMR certification. After UFT, CEAs attend IQT culminating with a successful AF Form 8 flight evaluation and award of a 3-skill level. Finally, CEAs enter the MQT phase, that also culminates in a successful AF Form 8 flight evaluation and or unit commander certification, award of the 5-skill level, and designated as MR/CMR. MQT can be completed in conjunction with an IQT syllabus at a FTU or within their assigned operational unit. The award of a 7-skill level is automatically awarded when assigned to a UMD in a 7-level position or IAW grade requirements (unless previously qualified 7-level in another CEA AFS) and the 9-skill level after promotion to SMSgt. Note: The conventional On-the-Job Training (OJT), Upgrade Training (UGT) and CT construct does not apply to the CEA AFSCs.

The CFETP has several purposes, they are:

- 1.1. Serves as a management tool to plan, manage, conduct, and evaluate a career field training program.
- 1.2. Identifies task and knowledge training requirements and recommends education and training for each skill level and phase of an individual's career in this AFS.
- 1.3. Lists training courses available in the specialty, identifies sources of training, and the training medium.
- 1.4. Identifies major resource constraints that impact full implementation of the desired career field training program.

### 2. Uses

The CFETP will be used by MAJCOM FMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available and/or instituted for all Airmen in the specialty.

- 2.1. AETC training personnel will develop and revise formal resident, non-resident, field, and ET based on requirements established by the user and documented in Part II of the CFETP. The lead command MAJCOM FM will coordinate with the AFCFM to develop acquisition strategies for obtaining resources needed to provide the identified training.
- 2.2. MAJCOM FMs will ensure their flight training programs complement the CFETP mandatory UFT, IQT, and MQT requirements. MAJCOM-developed training to support this AFSC must be identified for inclusion in this plan and must not duplicate available training resources.
- 2.3. All CEA Airmen will complete mandatory training requirements specified in this plan. The list of courses in Part II will be used as a reference to support training.
- 2.4. Personnel serving as CEAs are exempt from maintaining OJT Training Folders (AF Form 623). Training is documented IAW 11-202v1, 11-2MDSv1, IQT syllabi, or other weapons system training guidance. AF Form 8 certifies an Aircrew Qualification and flight evaluations are administered by flight examiners. Qualification on the AF Form 8 eliminates the requirement to document STS items in this CFETP.

### 3. Coordination and Approval

The AFCFM is the approval authority. MAJCOM FMs and AETC training managers will identify and coordinate on the career field training requirements. The AFCFM will initiate an annual review of this document and coordinate

with AETC and MFMs to ensure currency and accuracy. Using the list of courses in Part II, they will eliminate duplicate training. Send applicable inputs/changes to this CFETP through CEA FMs to HQ USAF/A3TS at AF.A3.TS@us.af.mil.

## Section B - Career Progression and Information

### 4. Specialty Descriptions

**4.1. 1A1X2 Mobility Force Aviator (MFA)** Specialize in Rapid Global Mobility and Global Reach mission execution. MFAs are experts in conducting inter and intra-theater airlift of personnel and materiel as well as planning and executing theater air refueling requirements for fixed-wing aircraft. MFAs accomplish preflight and postflight inspection of aircraft and aircraft systems. They receive cargo/passenger load briefings, check placement of cargo/passengers against aircraft limitations/restrictions, and determine adequacy of cargo documentation. They execute normal and emergency procedure checklists as well as performing, directing, and recommending corrective action during emergency procedures. They operate and monitor engine, hydraulic, fuel, and other aircraft systems controls, panels, indicators, and devices during all phases of ground and flight operations. MFAs perform in-flight refueling aircrew functions and activities according to flight manuals, checklists, and United States Air Force publications. Related DoD Occupational Subgroup: 105000 and 195000.

**4.1.1. MFA Inflight Refueling Specialist (BO)** Perform in-flight refueling aircrew duties on board aircraft such as KC-46A and KC-135R. They check forms for equipment status and perform visual and operational check of air refueling components, associated systems, and equipment. BOs perform in-flight operational checks of air refueling systems, direct receiver aircraft into air refueling position, and operate in-flight refueling controls and switches to safely affect contact between tanker and receiver aircraft. BOs monitor control panels for proper operation of equipment during air refueling and advises receiver pilot of actions required to safely maintain position within the air refueling envelope. They keep the tanker crew informed on progress of air refueling operations. Lastly, they perform emergency operations and procedures as required for emergency off-load and on-load of fuel.

**4.1.2. MFA Flight Engineer (FE)** Specialize as aircraft systems and performance experts while performing in-flight duties on aircraft such as C-5M, C-130H, and E-3G. FEs coordinate post-mission aircraft maintenance and servicing requirements during enroute stops and upon returning to home station. They conduct ground refueling operations as refuel panel operators, refueling supervisors, and concurrent servicing supervisors. The FEs primary role during mission planning is calculating Takeoff and Landing Data (TOLD) to ensure safe and optimal aircraft performance at departure and arrival airfields. Additionally, FEs are also responsible for calculating aircraft climb, cruise, and descent performance parameters. Lastly, they frequently must account for factors such as: operation from unprepared surfaces, during inclement weather, and obstacle avoidance.

**4.1.3. MFA Loadmaster (LM)** Supervise cargo/passenger loading and offloading activities and perform in-flight duties on aircraft such as C-5M, C-17A, and C-130H/J. LMs determine cargo placement, restraint requirements, and directs/checks the placement of restraint equipment. If required, they service aircraft systems (i.e., fuel, water, and hydraulics) and creates load plans for cargo and passengers. LMs compute aircraft weight and balance, demonstrate use of aircrew flight equipment and accomplish passenger comfort activities during flight. They perform aircrew functions and other mission specific qualification duties to include the airdrop of personnel and equipment/cargo. Some missions require non-standard configurations and penetration into hostile/denied territories undetected utilizing night vision devices and terrain, following procedures often in close proximity to other aircraft and operations on unprepared surfaces. Related DoD Occupational Subgroup: 105000

**4.2. 1A1X3 Special Mission Aviator (SMA)** Serve as FEs, Loadmasters, and Gunners fixed-wing, rotary-wing, and tilt-rotor aircraft for Special Operations, Close Air Support, Combat Rescue, strike operations, Personnel Recovery, nuclear security, and domestic security within the National Capital Region. SMAs perform pre- and post-flight visual aircraft inspections, operate, and monitor aircraft systems in-flight, calculate aircraft performance data, compute aircraft weight and balance, and execute normal/emergency checklists and procedures. SMAs also onload/offload cargo and personnel, conduct alternate insertion/extraction procedures and employ crew-served weapons. SMAs also complete required aircraft servicing (fuel, oil, hydraulic fluid, etc) in austere locations. They participate in mission planning with aircrew, maintenance, and support organizations. Many missions require non-

standard configurations and penetration into hostile/denied territories undetected utilizing night vision devices and terrain following procedures often in close proximity to other aircraft and operations on unprepared surfaces.

**4.2.1. SMA Flight Engineer (FE)** operate rotary-wing, tilt-rotor aircraft, and other vertical takeoff and landing aircraft such as the CV-22B, HH-60G/W, MH-139A, and UH-1N. In addition to the above duties, SMA FEs operate and monitor aircraft radios, data links, and other beyond line-of-sight communication equipment. They also perform mission management activities and operate full motion video electro-optical infrared sensors.

**4.2.2. SMA Loadmaster (LM)** operate HC-130J, MC-130J, and Non-Standard Aviation (NSAv) aircraft. They demonstrate use of in-flight emergency equipment to passengers, accomplish passenger comfort activities during flight and perform aircrew functions and other mission specific qualification duties to include the airdrop of personnel and equipment/cargo.

**4.2.3. SMA Gunner (G)** operate armed fixed-wing aircraft such as the AC-130J. Gunners operate, troubleshoot malfunctions, and accomplish immediate safety actions for crew-served weapons in-flight. Gunners also inspect, load, and arm guided munitions.

**4.3. 1A1X8 Executive Mission Aviator (EMA)** Specialize in Executive Airlift operations while performing Flight Engineer, Flight Attendant, or Communication Systems Operator aircrew duties on numerous airborne platforms in direct support of U.S. Heads of State and National Command Authorities executing their diplomatic responsibilities to meet national objectives. EMAs perform aircraft visual inspections, in-flight duties, and employ aircraft equipment and information systems to provide the highest level of service, etiquette, and protocol as the direct contact between the USAF and passengers. Passengers include, but are not limited to: POTUS, VPOTUS, FLOTUS, SecDef, SecState, and Chairman Joint Chiefs of Staff.

**4.3.1. EMA Flight Engineer (FE)** Specialize as aircraft systems and aircraft performance experts. FEs coordinate pre- and post-mission aircraft maintenance and servicing requirements during enroute stops and upon returning to home station. The FEs primary role during mission planning is calculating Takeoff and Landing Data (TOLD) to ensure optimal aircraft performance at departure and arrival airfields. FEs manage checklists and coordinate mission requirements with all crew members. Additionally, FEs are also responsible for calculating aircraft climb, cruise, and descent performance parameters.

**4.3.2. EMA Flight Attendant (FA)** Provides for passenger safety during aircraft operations, demonstrate and maintain proficiency in emergency equipment use, and emergency procedures and egress. FAs ensure access to escape exits brief passengers and are responsible for the orderly and expeditious evacuation of passengers and crew. FA provide emergency first aid as needed/required. FAs are the direct contact between the USAF and the passenger. FAs plan all menus and coordinate meals and provide for passenger comfort during aircraft operations.

**4.3.3. EMA Communication Systems Operator (CSO)** Operate, monitor, and repair airborne voice and data communication systems enabling the National Command Authorities the ability to make and securely communicate decisions during executive airlift operations. CSOs mission plan and maintain communication with the passengers' travel team to advise appropriate mission systems configuration and operation. CSOs coordinate with airborne, ground, and other agencies distributing and relaying mission requirements. Lastly, CSOs serve as a first line of defense in anti-hijacking security measures.

## Duties and Responsibilities

### 4.4. 1A1X2 – Mobility Force Aviator

4.4.1. Perform preflight, thru-flight, and postflight inspections of aircraft away from home station. Perform aircraft visual inspections. Maintain aircraft forms and records during flight and while aircraft is away from home station. Verify clearances, monitor altitudes, airspeeds, traffic, aircraft configuration, fuel, electrical systems, monitoring takeoffs, approaches, and landings. Complete required aircraft forms documentation.

4.4.2. Receive cargo/passenger load briefings and review load plan/cargo documentation. Accomplish load planning of cargo/passenger loads as required. Supervise cargo/passenger loading and off-loading operations. Direct the placement of material handling equipment to accomplish cargo on/off loading operations. Ensure cargo/passengers

are placed according to load plans. Determine cargo restraint requirements according to criteria and directs and checks the application of cargo restraint equipment.

4.4.3. Compute aircraft weight and balance to ensure specified limits are maintained. Compute takeoff, climb, cruise, orbit, and landing data. Determine and verify passenger, cargo, fuel, and emergency and special equipment distribution and weight. Determine engine fuel consumption using airspeed, atmospheric data, charts, computer, or electronic calculator. Record actual aircraft performance data. Ensure availability of fleet service equipment and receive and stow in-flight meals. Accomplish passenger briefings to include the use of emergency equipment, evacuation procedures, and border clearance requirements. Demonstrate the use of passenger emergency oxygen systems and life vests. Supervise passengers in-flight. Prepare and dispense passenger meals and refreshments.

4.4.4. Airdrop qualified Loadmasters only: Conduct cargo and personnel airdrops according to directives. Attach extraction parachutes to cargo and platforms. Inspect cargo and platforms, extraction systems and connect static lines. Check tie-downs, parachutes, containers, suspension systems, and extraction systems to ensure proper cargo extraction or release. Operate aircraft airdrop systems and supervise heavy equipment, CDS-type cargo, and paratroopers exiting the aircraft.

4.4.5. Perform in-flight refueling aircrew duties. Check forms for equipment status. Perform visual and operational check of air refueling systems and associated equipment. Accomplish preflight and postflight records and reports. Perform in-flight operational check of air refueling systems. Direct receiver aircraft into air refueling position. Operate in-flight refueling controls and switches to safely affect contact between tanker and receiver aircraft. Monitor control panel for proper equipment operation during air refueling and advise receiver pilot of actions required to safely maintain position within the air refueling envelope. Keep tanker crew informed on the progress of air refueling operations. Perform emergency operations and procedures as required for emergency off-load and on-load of fuel. Compute and complete aircraft weight and balance documentation.

4.4.6. Operate and monitor engine and aircraft system controls and indicators. Assist pilots during or performs engine starts, monitors run-up, flight operations, and engine shutdown. Operate engine controls to provide desired performance efficiency and economy. Monitors engine instruments from engine start through engine shutdown. Control, monitor, and regulate aircraft systems such as electrical, communication, navigation, hydraulic, fuel, air conditioning, pressurization, ventilation, auxiliary power unit, and lubrication systems. Monitor warning indicators and lights for fire, overheat, depressurization, and system failure(s). Report abnormal conditions to the crew and recommend corrective action.

#### **4.5. 1A1X3 – Special Mission Aviator**

4.5.1. Perform preflight, thru-flight, and postflight inspections of aircraft away from home station. Perform operational checks/inspection of aircraft primary electrical, propulsion, hydraulic, pneumatic, environmental, emergency, and flight control systems according to flight publications. Compute and certify aircraft performance data/weight and balance for takeoff, inflight, cruise, mission execution and landing phases, determining optimum aircraft configuration for mission accomplishment using self-collected environmental conditions. Coordinate logistical support. Operate and monitor engine and aircraft system controls and indicators. Performs engine starts, monitors run-up, in-flight operation, and engine shutdown. Operate engine controls to provide desired efficiency and economy. Operate aircraft systems such as electrical, communication, navigation, hydraulic, pneumatic, fuel, environmental systems, auxiliary power unit, and lubrication systems. Observe systems instruments and warning indicators for malfunctions, assesses mission impact/safety of flight, determine course(s) of action, and apply decisive actions such as emergency procedures and risk mitigation actions to return systems to operation and/or continue the mission. Evaluate operational efficiency of systems and analyzes trends affecting performance. Maintain aircraft forms, in-flight logs, and reports for accuracy, completeness, format, and compliance with current directives. Perform non-scheduled aircraft maintenance, inspections, field repair and servicing of fuel, oil, and hydraulic fluid, as required. Determine engine fuel consumption using airspeed, atmospheric data, charts, computer, or electronic calculator. Record actual aircraft performance data. Implement engine conditioning, and preventive maintenance programs. Operate and monitor in-flight refueling systems and operations. Perform flight testing and functional check flight following aircraft maintenance of aircraft system upgrades. Manage/conduct/complete aircraft checklists for takeoff/landing, ground/air refueling operations, alternate insertion/extraction, shipboard operations, military freefall, aerial gunnery, and aircraft malfunctions/emergency procedures.

4.5.2. Operate mission planning systems and coordinate/aid the crew on preparation of the flight plan and generates mission planning data, including analyzing and determining fuel loads/requirements; selecting the most advantageous route dictated by operational or threat environment requirements, plotting route of flight considering airspeed, distance, method of navigation, altitudes used, weather conditions, threats, and terrain. Manage mission progress and advise the aircraft commander of mission status, aircraft capabilities/performance, calculating time on target, providing time/distance estimates, load/change/build flight plans, direct flight path changes and correct deviations. Monitor the aircraft's altitude, airspeed, fuel consumption, weather/terrain-following radar information/commands, navigation logs and weapon/defensive systems status during all phases of mission. Monitor, transmit, and receive air traffic clearances, arrival/departure procedures, and joint force command and control mission directives. Perform pre-flight visual inspections and operational checks of aircraft defensive systems according to flight publications. Identify and counter air defense systems such as: radar, infrared, and optically guided surface-to-air missiles, anti-aircraft artillery; operates radar jamming, chaff/flares, and directs aircraft evasive maneuvers to deceive/defeat threats.

4.5.3. Perform intelligence, surveillance and reconnaissance, close air support, personnel recovery, dynamic targeting/time sensitive targeting, vehicle interdiction, air interdiction, strike coordination and reconnaissance and air operations in maritime surface warfare utilizing various sensors, mission equipment, and precision guided munitions. Perform day/night low-level flight operations. Perform real-time battle damage assessment. Maintain and update status of air and ground activity. Inspect and operate airborne communications, various sensor systems, radar, computers, electronic protection, and electronic warfare systems. Inspect and operate aircraft secure radios and sensor systems according to flight publications. Load classified operating parameters/cryptologic keys, troubleshoot, and operate radar frequency countermeasure systems, infrared countermeasure systems, over the horizon threat/survivor advisory systems, missile warning systems, forward-looking infra-red, satellite/frequency-hopping/secured communication systems, complex add-on mission systems that provide encrypted communications, and situational awareness suites.

4.5.4. Develop the cargo loading plan, considering the quantity, weight and configuration of the load, floor capacity, emergency jettison requirements, and proper location in the cargo compartment to achieve optimum center of gravity throughout the flight, and reviews load plan and cargo documentation. Determine and verify passenger, cargo, fuel, and emergency and special equipment distribution and weight. Load cargo/personnel, ensure restraint/security is adequate to prevent unsafe conditions in flight and conduct air and ground infiltration and exfiltration operations to include aerial delivery of personnel and equipment and cargo sling operations. Compute the proper positioning of the aircraft to drop cargo or personnel, consider conditions at the drop zone and parachute ballistics to determine release point in mission planning and in-flight. Conduct cargo and personnel airdrops according to directives. Attach extraction parachutes to cargo and platforms. Inspect cargo and platforms, extraction systems and connects static lines. Check tie downs, parachutes, containers, suspension systems, and extraction systems to ensure proper cargo extraction or release. Operate aircraft airdrop systems and supervise cargo and paratroopers exiting the aircraft. Conduct passenger handling and on/off loading procedures. Complete required aircraft forms documentation and border clearance requirements. Serve as the crew's liaison interfacing with passengers, military support agencies and foreign clearance organizations such as customs and agricultural officials.

4.5.5. Perform in-flight maintenance of airborne weapons systems and associated equipment. Apply decisive actions to restore malfunctioning systems to an operational condition. Conduct thorough airborne analysis/evaluation of weapons systems and associated equipment. Document all armament malfunctions and discrepancies. Adhere to flying, weapon, and explosive safety standards and conducts in-flight and ground training in all facets of aircrew duties, airborne guns, defensive systems, and related equipment. Load, operate, and employ a variety of air to surface armament systems such as: manually aimed/operated and sensor aimed weapons, crew served weapons, precision guided munitions, and small diameter bombs in accordance with law of armed conflict, theater rules of engagement and technical orders to engage in offensive and defensive fires. Use extensive knowledge of internal and external aerial ballistics to ensure maximum economy of force and target effectiveness. Perform refueling, hot armament procedures, armament/pyrotechnic loading, and employs pyrotechnic and marking devices.

4.5.6. Perform preflight visual inspections and operational checks of alternate insertion/extraction, hoist, cargo sling and fire-fighting systems according to flight publications. Act as a scanner advise the crew of threats and obstacles

ensuring clear flight, approach and landing paths and directs the aircraft position changes to ensure safe landing/insertion/extraction/rescue over water, on unprepared surfaces, confined urban areas, rooftops, firefighting, aerial gunnery, and shipboard operations often using night vision devices. Conduct/operate alternate insertion/extraction equipment to include fast rope, rope ladder, rappel systems and rescue hoist; ensures safe operations during dangerous maneuvers in non-permissive environments through expert crew coordination. Act as a safetyman for personnel deployment and recovery operations such as rappel, fast rope, rope ladder, swimmer, airdrop, boat drop, etc.

#### **4.6. 1A1X8 – Executive Mission Aviator**

4.6.1. Perform preflight, thru-flight, and postflight inspections of aircraft away from home station. Perform operational checks/inspection of aircraft primary electrical, propulsion, hydraulic, pneumatic, environmental, emergency, and flight control systems according to flight publications. Report abnormal conditions to the crew and recommend corrective action. Compute and certify aircraft performance data/weight and balance for takeoff, inflight, cruise, and landing phases.

4.6.2. Provide for passenger safety during aircraft operations. Demonstrate and maintain proficiency in emergency equipment use, emergency procedures and egress. Ensure access to escape exits. Responsible for the orderly and expeditious evacuation of passengers and crew. Brief passengers. Direct safety, security, and fire prevention procedures. Provide emergency first aid as needed/required. Operate aircraft systems and equipment such as electrical, environmental, water, interphone, doors, and exits. Perform loading and off-loading of aircraft. Coordinate with military and civilian airfield agencies to acquire supplies and transportation. Validate passenger manifest. Perform passenger and baggage inspections.

4.6.3. Plan all menus and coordinate meals on normal and non-normal use of aircraft systems and equipment requirements. Purchase required foodstuffs and supplies to serve meals and beverages. Store and preserve food items. Upload and stow food and fleet items as necessary. Prepare meals utilizing the fundamentals of culinary arts, including knife skills, basic cooking methods (baking, braising, sautéing, etc.), and making sauces and emulsions. Ensure proper procedures, temperatures, and time periods are adhered during food preparation and service. Set up serving trays, garnishes food items, applies food protection, and sanitation measures always. Provide cabin service and monitor passengers inflight.

4.6.4. Preflight, operate, troubleshoot, and perform enroute maintenance on aircraft clear, secure voice, and data systems. Ensure Executive Airlift customers remain globally connected by acquiring and continuously developing skillsets in networking, basic software structure, radio frequency (RF) principles, voice and data communication systems, general purpose computers and interface units and maintaining airborne information systems. Coordinate mission requirements directly w/embassies, command posts, & support agencies around the globe.

### **5. Skill/Career Progression**

Adequate training and timely progression from MR/CMR to SEL plays an extremely important role in the Air Force's ability to accomplish its mission. Therefore, it is essential that everyone involved in training do their part to plan, develop, manage, conduct, and evaluate an effective and efficient training program. The guidance provided in this part of the CFETP will ensure individuals receive viable training at the appropriate points in their career. AFMAN 36-2100, *Military Utilization and Classification* and AFECD identify mandatory requirements for the specialty description. The following narrative and the overall CEA AFSC career field flow charts identify the training career path. They define the training required in an individual's career.

#### **5.1. Apprentice (3) Level**

**5.1.1. Crew Position Experience:** CEA candidates must complete a MDS specific initial skills qualification course with a successful AF Form 8. Meeting requirements listed in AFMAN 36-2100, *Military Utilization and Classification*, specialty description, completion of AFC at JBSA Lackland AFB, TX. Initial skills training in this specialty consists of the tasks and knowledge training provided in UFT to include navigating and comprehending Air Force publications, aerodynamics and aircraft performance, aircraft systems and equipment, airfield operations, navigation, passenger and troop handling, mission planning and crew resource management. Additionally, aircrew members learn the importance of flight discipline, airmanship, and the operational functions within a flying unit. Tasks and knowledge training requirements are identified in the specialty training standard, at Part II, Section A.

**5.1.2. Aviation Expertise/Sustainment:** Apprentice will fly to gain operational experience and become familiar with other crew positions that support their operational mission and contribute to mission accomplishment.

## **5.2. Journeyman (5) Level**

**5.2.1. Crew Position Experience:** To be awarded AFSC 1A15X level, the CEA must complete requirements as listed in the applicable MAJCOM aircrew training directives, IQT, MQT and a successful Form 8 and or unit commander certification. Once certified MR/CMR, Journeymen should focus on crew position upgrade/progression. On-time upgrade to instructor (K-prefix/T-prefix) and evaluator (Q-prefix) to further demonstrate crew position subject matter expertise, mission exposure via exercises and/or real-world operations, or advance training and certifications.

**5.2.2. Aviation Expertise/Sustainment:** Journeymen should gain aviation experience by working in squadron/aviation self-sustainment functions including Training (DOT), Weapons & Tactics (DOW), Standardization & Evaluation (CCV), Scheduling (DOS), Mobility (DOM), Squadron Aviation Resource Management (SARM) etc. Understanding the relationships between these organizations is critical to continued progression as depicted in illustration Figure 1 (CEA Training Path 1 of 1). Journeyman should take opportunities to serve in formal training assignments (T-prefix) including a FTU, Training Squadron, Combat Training Squadron, Weapons Squadron, MQT focal point (green flight, z-flight, etc.), Basic Sensor Operator Course, or the CEA CoE.

## **5.3. Craftsman (7) Level**

**5.3.1. Crew Position Experience:** To be awarded AFSC 1A17X, the airman must be a SSgt, complete all 3- and 5-skill level training requirements, and meet all requirements as listed in the applicable MAJCOM aircrew training directives. Additionally, complete any other requirements specified in the AFECD and AFMAN 36-2100 *Military Utilization and Classification*. Craftsmen possess the ability to understand and apply aircrew management guidance to human capital, and material resources while proactively anticipating resource requirements, surpluses, constraints, and/or shortfalls. Examples include crew force absorption planning, instructor/evaluator upgrades forecasts and selection processes, crew force turnover, and crew position force health indicators. Craftsmen also advise Commanders, Directors of Operations, and SELs on aircraft mishaps, crew position safety related issues, and Operational Risk Management concerns.

5.3.2. Craftsmen should demonstrate the ability to perform basic duties of a particular crew position in a MDS. On-time upgrade to instructor (K-prefix/W-prefix/T-prefix) and evaluator (Q-prefix) demonstrates crew position subject matter expertise and progression, mission exposure via exercises and/or real-world operations, or advance training and certifications.

**5.3.3. Aviation Expertise/Sustainment:** Craftsmen are highly experienced crew members who determine vision, innovation, teamwork, and initiative. Craftsmen demonstrate the ability to act, lead, guide, mentor, gather, implement, and improve elements of aviation operations, administration, and crew force safety, discipline, and morale. These members possess experience leading aviation sustainment functions including DOT, DOW, CCV, DOS, DOM, SARM etc. Craftsmen exhibit the skills to effectively communicate internally, externally, functionally, and/or command channel lines of effort across units or through joint/multi-echelon engagements to advance mission operations, aviation management, or personnel actions. Craftsmen should take opportunities to serve in vectored assignments (D-prefix) including MAJCOM Training Managers, Functional Program Managers, AFPC FMs, or Headquarters AFS Managers.

## **5.4. Superintendent (9) Level**

**5.4.1. Crew Position Experience:** To be awarded AFSC 1A19X, the Airman must be a SMSgt and their supervisor's recommendation. Additionally, complete any other requirements specified in the AFECD and AFMAN 36-2100 *Military Utilization and Classification*. Superintendents possess ability to understand and apply aircrew management guidance to human capital, and material resources while proactively anticipating resource requirements, surpluses, constraints, and/or shortfalls. Examples include crew force absorption planning, instructor/evaluator upgrades forecasts and selection process, crew force turnover and crew position force health. Superintendents also advise Commanders, Directors of Operations and SELs on aircraft mishaps, crew position safety related issues, and Operational Risk Management concerns.

5.4.2. Demonstrates the ability to perform the basic duties of a particular crew position in a specified weapons system.

**5.4.3. Aviation Expertise/Sustainment:** Superintendents are highly experienced aircrew leaders who convey vision, innovation, teamwork, and initiative. Superintendents demonstrate the ability to act, lead, guide, mentor, gather, implement, and improve elements of aviation operations, administration, and crew force safety, discipline, and morale. These members possess extensive experience leading aviation sustainment functions including DOT, DOW, CCV, DOS, DOM, SARM etc. Superintendents exhibit the skills to effectively communicating internal, external, functional, and/or command channel lines of effort across units or through joint/multi-echelon engagements to advance mission operations, aviation management, or personnel actions. Superintendents take opportunities to serve in vectored assignments (D-prefix) including MAJCOM Flight Examiners, MAJCOM Training Managers, Functional Program Managers, AFPC FMs, or Headquarters AFS Managers.

## 6. Training Decisions

The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the CEA specialty. This CFETP was developed to include life cycle (day one through retirement) training requirements for this specialty. The spectrum includes a strategy for when, where, and how to meet the training requirements. The strategy must be apparent and affordable to reduce duplication of training and eliminate a disjointed approach to training.

**6.1. Initial Skills Training.** Initial physiological training will be conducted at the AFC. The STS is used to align common core training across all 1A1XX/ Sub-IDs. Completion of IQT and award of 3-level will only be upon completion of the first successful AF Form 8.

## 7. Community College of the Air Force (CCAF) Academic Programs

CCAF provides the opportunity to obtain an Associate in Applied Sciences (AAS) Degree. Enrollment in CCAF occurs upon completion of BMT. Off-duty education is a personal choice but is highly encouraged. See the CCAF website for program details regarding the AAS degree at: <http://www.au.af.mil/au/ccaf/>. Additionally, see the Air Force Virtual Education Center website regarding AAS degree progress at: <https://my.af.mil/afvecprod/>. In addition to its associate degree program, CCAF offers the following:

**7.1. CCAF Instructor Certification.** The CCAF offers the CCAF Instructor Certification to qualified instructors who teach CCAF collegiate-level credit-awarding courses at a CCAF affiliated school. The CIC is a professional credential that recognizes the instructor's extensive faculty development training, education, and qualification required to teach a CCAF course. It also formally acknowledges the instructor's practical teaching experience. Qualified CCAF instructors who meet CIC Program requirements are eligible. Once instructors leave CCAF instructor duty, they are no longer eligible for the CIC program.

**7.2. Instructor of Technology & Military Science Degree.** This program is offered to enlisted members who are assigned to CCAF affiliated schools teaching CCAF degree-applicable courses. Applicants must complete three semester hours of CCAF-approved instructor methodology coursework and hold their career-field related CCAF degree or equivalent civilian college degree before registration.

**7.3. Trade Skill Certification.** When a CCAF student separates or retires, a trade skill certification is awarded for the primary occupational specialty. The College uses a competency-based assessment process for trade skill certification at one of four proficiency levels: Apprentice, Journeyman, Craftsman/Supervisor, or Master Craftsman/Manager. All are transcribed on the CCAF transcript.

**7.4. Degree Requirements.** All Airmen are automatically entered into the CCAF program. Refer to the CCAF General Catalog for the applicable degree program that applies to your CEA specialty. Prior to completing an associate degree, the 5-skill level must be awarded and the following requirements in the CCAF General Catalog.

7.4.1 For current AFSC Sub-ID Degree Requirements, please visit the below link to read the CCAF General Catalog: [https://www.airuniversity.af.edu/Portals/10/CCAF/documents/2022-2024\\_CCAF\\_General\\_Catalog-Change1.pdf](https://www.airuniversity.af.edu/Portals/10/CCAF/documents/2022-2024_CCAF_General_Catalog-Change1.pdf)

7.4.2. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become an

Air Education and Training Command Instructor should be actively pursuing an associate degree. A degreed faculty is necessary to maintain accreditation through the Southern Association of Colleges and Schools.

**7.5. Assignments.** See Talent Marketplace for current list of CEA assignment locations.

7.5.1. Talent Marketplace <https://myvector.us.af.mil/myvector/Talentmarketplace/Home>

7.5.2. Air Force Reserve: <https://w45.afpc.randolph.af.mil/RMVSNET40/VacancyList.afp>.

7.5.3. Air National Guard: <https://www.goang.com/careers/find-your-career>

## **8. Career Field Flow Charts**

8.1. The flow outlined in figure 1 (below) represents the formal training courses required for personnel entering and becoming fully qualified. The locations, course lengths, and titles are subject to change. Changes will be updated in the Education Training Course Announcement (ETCA) by the course owner.

8.2. The course flow has been developed and agreed upon by the MAJCOM FMs to minimize days students are awaiting training and to ensure survival training is typically completed prior to AFSC award—minimizing the impact of not having the prerequisites completed before entering weapons system training.

8.3. Personnel graduating from the UFT courses at the CEA CoE are awarded AFSC 1A11X and are temporarily authorized to wear the Basic Aircrew Member Badge. CEA candidates are not authorized to continue wear of the Airman Aircrew Badge if they fail to complete IQT or disqualified prior to 18 months of aviation service. IAW AFMAN 11-402, *Aviation and Parachutist Service Aeronautical Ratings and Badges*

8.4. The courses outlined in Figure 1 represents the formal training required for personnel entering and becoming fully qualified in the CEA AFSC. The locations, course lengths, and titles are subject to change. Changes will be updated in the ETCA by the course owner.

Figure 1. CEA Training Path

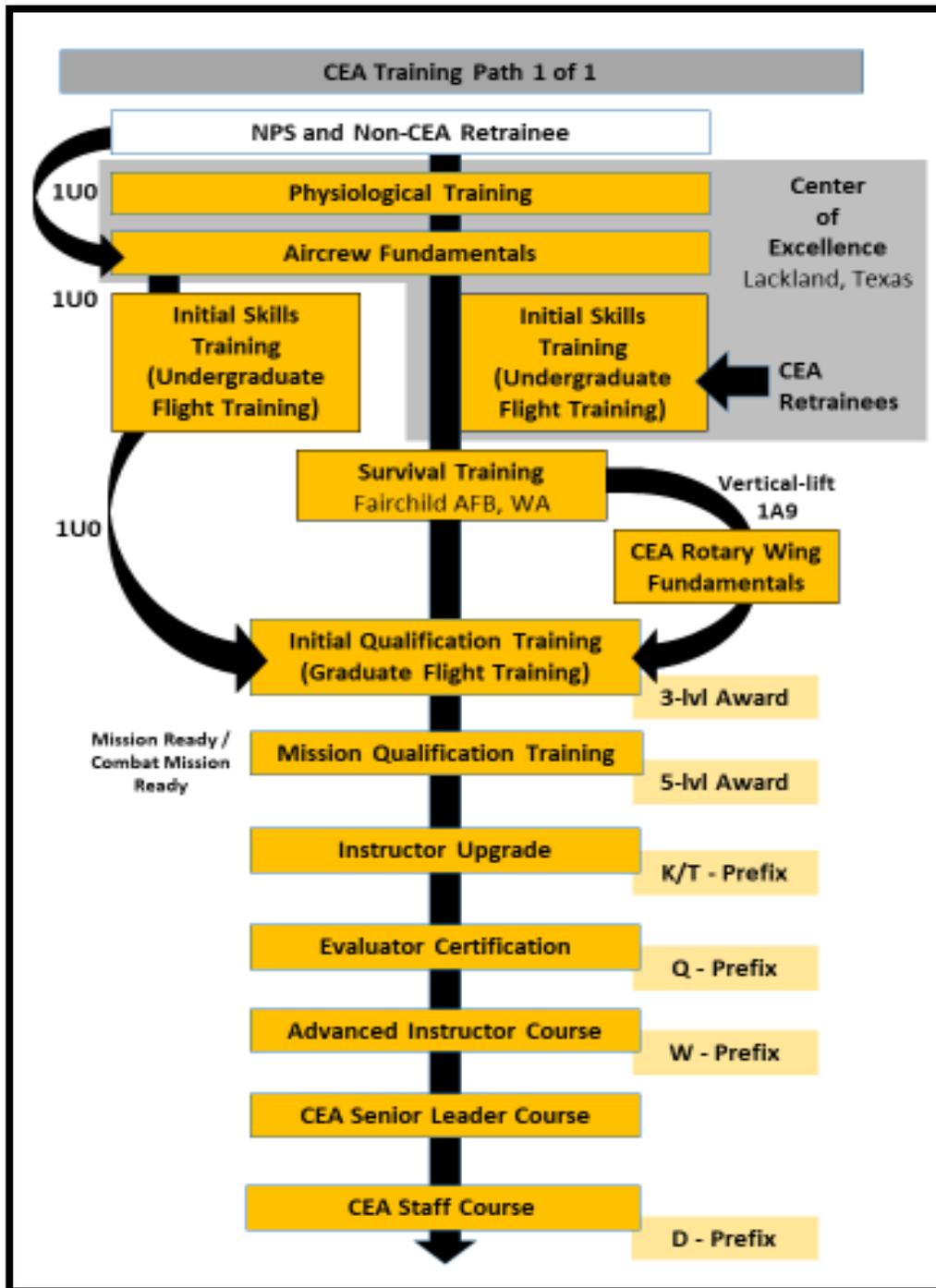


Table 1. Enlisted Education and Training Path

Enlisted Education and Training Path							
Education and Training Requirements	GRADE REQUIREMENTS / AVERAGES						
	Rank	Earliest Sew-on	Air Force Average	1A1X2 MFA Average	1A1X3 SMA Average	1A1X8 EMA Average	High Year of Tenure (HYT)
<b>Basic Military Training</b>							
<b>Undergraduate Flying Training</b>	Amn	6 months					
<b>Initial Qualification Training (3-Skill Level)</b>	A1C	10 months					
<b>Upgrade To Journeyman (5-Skill Level)</b>							
Completion of MQT or MR/CMR Status	SrA	28 months	3 years	3 years	3 years	3 years	10 years
<b>Airman Leadership School*</b> - Resident graduation is a prerequisite for SSgt sew-on (RegAF Only)							
<b>Upgrade To Craftsman (7-Skill Level)</b>	SSgt	3 years	4.57 years	4.28 years	4.41 years	4.29 years	15 years
- 12 months Fully Mission Qualified (6 months for retrainees)							
<b>NCO Academy*</b>	TSgt	5 years	9.44 years	8.65 years	9.83 years	8.94 years	20 years
- Must be a TSgt or TSgt-select to attend (SSgts may attend if all class seats have not been filled) Resident graduation is a prerequisite for MSgt sew-on (RegAF Only)							
<b>Senior NCO Academy*</b>	MSgt	8 years	13.61 years	13.37 years	16.36 years	13.42 years	24 years
Must be a SMSgt, SMSgt select, or Non-selects to SMSgt across AFSCs							
<b>Upgrade to Superintendent (9-Skill level)</b>	SMSgt	11 years	18.02 years	17.26 years	19.2 years	19.21 years	26 years
- Minimum rank of SMSgt							
<b>Chief Leadership Course (CLC)</b>	CMSgt	14 years	21 years	20.3 years	22.25 years	21.14 years	30 years
-Required for re-enlistment and development opportunities							
-Must be a CMSgt or CMSgt Select to attend - Completed SNCO Academy (RegAF Only)							
*ARC personnel may satisfy EPME requirements via Distance Learning							
Data reflects Promotion cycle 22E5-9. MFA average includes 1A0, 1A1, and 1A2. SMA average includes only 1A9. EMA includes only 1A6.							

## Section C – Skill Level Training Requirements

### 9. Purpose

Skill level training requirements in this career field are defined in terms of task and knowledge requirements. This section outlines the specialty qualifications requirements for each skill level in broad, general terms and establishes the mandatory requirements for entry, award, and retention of each skill level. The specific task and knowledge training requirements are identified in the STS and the Course Objective List Part II, Section A and B of this CFETP.

### 10. Specialty Qualifications:

#### 10.1. Apprentice 3-Level Training

##### 10.1.1. Specialty Qualification

**10.1.1.1. Knowledge.** Knowledge requirements for awarding of the 3-skill level are satisfied by completing the AFC, the Sub-ID specific UFT course at the 344<sup>th</sup> Training Squadron and completing MDS-specific IQT with a successful AF Form 8.

**10.1.1.2. Education.** For entry into this specialty, completion of high school courses in science, technology, engineering, and mathematics are desirable.

**10.1.1.3. Training.** For award of the 1A13X, individuals must meet mandatory requirements listed in specialty description in AFECD. Completion of the AFC is mandatory for pipeline and non-prior aviation service cross-training students. Completion of the necessary UFT courses at the 344<sup>th</sup> Training Squadron and IQT with a successful AF Form 8. is mandatory for award of the 3-skill level AFSC.

10.1.1.3.1. Qualification for aviation service according to AFMAN 11-402, *Aviation and Parachutist Service, Aeronautical Ratings and Badges*.

10.1.1.3.2. Eligibility for a Secret security clearance minimum. Some specialties require eligibility for a Top-Secret security clearance according to AFMAN16-1405, *Air Force Personnel Security Program*.

10.1.1.3.3. Completion of SERE and Water Survival Training Course(s) is mandatory for all CEAs performing in-flight duties.

**10.1.1.4. Training Sources.** Completion of an appropriate UFT course at the 344<sup>th</sup> Training Squadron satisfies the knowledge and training requirements specified in the specialty qualification section (above) for continued flight training. Completion of the first AF Form 8 awards the 3-skill level.

**10.1.1.5. Implementation.** Entry into training is accomplished by initial accessions from BMT or approved retraining from any AFSC. After graduation from UFT, IQT begins when the individual enters formal flight training. Thereafter, in-unit or formal upgrade training is initiated anytime an individual is assigned duties they are not qualified to perform.

#### 10.2. Journeyman 5-Level Training:

**10.2.1. Specialty Qualification.** All qualifications for AFSC 1A131 apply to the 1A151 requirements.

**10.2.2. Knowledge.** Knowledge requirements for awarding the 5-skill level are satisfied after completing MQT that results in commander's MR/CMR certification and or a successful Mission Qualification AF Form 8.

**10.2.3. Education.** To assume the rank of SSgt, the individual must be a graduate of ALS.

**10.2.4. Training.** The following training is mandatory for the award of the 5-skill level:

10.2.4.1. Complete unit level MQT that results in MR/CMR certification and or a successful Mission Qualification AF Form 8.

**10.2.5. Experience.** Qualification in and possession of AFSC 1XX51. In addition, the individual must complete requirements as listed in the applicable MAJCOM aircrew training directives, IQT with a successful AF Form 8, and MQT.

**10.2.6. Training Sources.** Refer to Part II, Section D, Training Course Index.

**10.2.7. Implementation.** Entry into upgrade training is initiated when an individual possesses the 3-skill level. Qualification training is initiated anytime an individual is assigned duties they are not qualified to perform.

### **10.3. Craftsman 7-Level Training:**

#### **10.3.1. Specialty Qualification.**

**10.3.2. Knowledge.** In addition to knowledge required for the 5-skill level and other qualifications as listed above an individual must possess the knowledge and skills necessary to supervise personnel.

**10.3.3. Education.** To assume the grades of SSgt and MSgt, individuals must be graduates of the ALS and NCOA, respectively. Reference DAFI 36-2670, *Total Force Development*.

**10.3.4. Training.** The CSAF has approved a variance eliminating the requirement for in-residence 7-skill level training for all CEA career fields. However, minimum rank of SSgt and recommendation by the supervisor still apply.

**10.3.5. Experience.** Qualification in and possession of AFSC 1A151X.

**10.3.6. Training Sources.** Refer to Part II, Section D, Training Course Index.

### **10.4. Superintendent 9- Level Training:**

#### **10.4.1. Specialty Qualification**

**10.4.2. Knowledge.** In addition to knowledge required for the 7-skill level qualification, an individual must possess advanced skills and knowledge of concepts and principles in the effective leadership of CEAs in multiple disciplines and management of assigned resources.

**10.4.3. Education.** Completion of SNCOA (RegAF – In-Residence, ARC – In-Residence or DL) commensurate with rank requirements. Additionally, award of the CCAF AAS degree or an associate degree or higher from a nationally or regionally accredited academic institution, if not already earned, is recommended.

**10.4.4. Training.** Must hold the rank of SMSgt and have supervisor's recommendation for award of the 9-skill level (RegAF only).

**10.4.5. Experience.** Qualification in and possession of AFSC 1A171X. Also, experience managing advanced operations and maintenance of aircraft mission systems.

## **Section D - Resource Constraints**

### **11. Purpose**

This section identifies known resource constraints that preclude optimal/desired training from being developed or conducted, including information such as cost and workforce. Narrative explanations of each resource constraint and an impact statement describing what effect each constraint has on training are included. Also included in this section are actions required, office of primary responsibility, and target completion dates. Resource constraints will be reviewed and updated at least annually.

### **12. Apprentice Level Training**

CEAs train and qualify on USAF MDS aircraft via IQT and MQT. IQT is constrained by rated officer production. Rated officer production programming is accomplished using the Aircrew Training Distribution Requirements (ATDR). ATDR is programmed two fiscal years prior to the year-of-execution as part of the Program Objective Memorandum (POM) and Future Years Defense Program (FYDP) build.

### **13. Journeyman Level Training**

CEAs train and certify as MR/CMR via a MQT program completed at the FTU or in their assigned operational unit. MQT throughput is constrained by the USAF Flying Hour Program (FHP).

### **14. Craftsman Level Training**

Not applicable to this AFS series.

**BY ORDER OF THE SECRETARY OF THE AIR FORCE**

**OFFICIAL**

**ALBERT G. MILLER, Maj Gen, USAF  
Director of Training and Readiness  
AF/A3T**

## PART II

### SECTION A – Specialty Training Standards (STS)

#### 1. Implementation

This STS will be used for technical training provided by AETC for classes beginning October 2023.

#### 2. Purpose

As prescribed in DAFI36-2670 and this STS

2.1. List in column 1 (Task, Knowledge, and Technical Reference) the most common tasks, knowledge, and technical references (TR) necessary for airmen to perform duties at the 3-skill level AFSC in the CEA Specialty ladder of the Aircrew Operation Career Field. These are based on the analysis of the duties in AFECD.

2.2. Column 2 (3-Skill Level) shows formal training and correspondence course requirements as described in the ETCA website at: <https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1> and the career knowledge provided by the correspondence course. There are no CDCs listed for this AFSC.

2.3. Qualitative Requirements. Attachment 1 contains the proficiency code key used to indicate the level of training and knowledge provided by resident training and career development courses.

2.4. Utilized as a guide for development of promotion tests used in the Weighted Airmen Promotion System. Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by SNCOs with extensive practical experience in their career fields. The tests sample knowledge of STS subject matter areas judged by test development team members to be most appropriate for promotion to higher grades. Questions are based on study references listed in the WAPS study catalog. Individual responsibilities are in AFMAN 36-2664, *Personnel Assessment Program*.

#### 3. Recommendations

Report unsatisfactory performance of individual course graduates to 37 TRG/DOS, 1220 Truemper Street, Suite 1, JBSA-Lackland TX 78236-5568. Please reference specific STS paragraphs.

3 Attachments:

1. Qualitative Requirements
2. STS by sub-ID (CEA)
3. CFETP Career Path Chart (CEA)

### SECTION B – Course Objective List

#### 4. Measurement

Each objective is indicated as follows: **W** indicates task or subject knowledge, which is measured using a written test, **PC** indicates required task performance which is measured with a performance check, and **PC/W** indicates separate measurement of both knowledge and performance elements using a written test and a performance progress check.

#### 5. Standard

The standard is 85 percent on written examinations. Standards of performance measurement are indicated in the objective and delineated on the individual progress checklist. Instructor assistance is provided and needed during the progress check, and students may be required to repeat all or part of the behavior until satisfactory performance is attained.

## 6. Proficiency Level

Most task performance is taught to the “1a” proficiency level which means the students can do simple parts of the task but needs to be told or shown how to do most of the task (extremely limited) or to a “2b” proficiency level which means the students can do most parts of the task but does need assistance on the hardest parts of the task (partially proficient). The student can also determine step-by-step procedures for doing the task.

## 7. Advanced Course Skills

*NOTE:* There is no advanced course. This area is reserved.

## SECTION C – Support Material

### 8. Support Materials

*Note:* There are currently no support material requirements. This area is reserved.

## SECTION D – Training Course Index

### 9. Purpose

This section of the CFETP identifies training courses available for the specialty and shows how the courses are used by each MAJCOM in their career field training programs.

**Table 2. MFA Air Force In-Residence Courses**

COURSE NUMBER	COURSE TITLE	LOCATION
TBD	Aircrew Fundamentals Course	JBSA-Lackland AFB, TX
TBD	Mobility Force Aviator FTU Preparatory Course – Undergraduate Flying Training	JBSA-Lackland AFB, TX
S-V97-A	Advanced SERE Skills Training	Fairchild AFB, WA
S-V85-A	Emergency Parachute and Water Survival Training	Fairchild AFB, WA
S-V84-A	USAF Underwater Egress Training (UET)	Fairchild AFB, WA
KC-135BIQ	KC-135 Inflight Refueling Initial Qualification Course	Altus AFB, OK
E3BQFE	E-3 Flight Engineer Initial Qualification and Requal Course	Tinker AFB, OK
E3IFE	E-3 Instructor Flight Engineer (IFE) Course	Tinker AFB, OK
E-3 DCT	E-3 DRAGON Conversion Training Combined Pilot/FE Course	Tinker AFB, OK
KC-135BTX2	KC-135 Inflight Refueling Requalification Course	Altus AFB, OK
KC-135IB	KC-135 Instructor Inflight Refueling Qualification Course	Altus AFB, OK
KC-135AIC	KC-135 Advanced Instructor Course	Fairchild AFB, WA
KC-46BIQ	KC-46 Inflight Refueling Initial Qualification Course	Altus AFB, OK
KC-46BTX	KC-46 Inflight Refueling Transition Course	Altus AFB, OK
KC-46BRC	KC-46 Inflight Refueling Requalification Course	Altus AFB, OK
KC-46IB	KC-46 Instructor Boom Operator Course	Altus AFB, OK
KC-46BFTC	KC-46 Inflight Refueling Faculty Training Course (FTU only)	Altus AFB, OK
C5MFEIQ	C-5M Flight Engineer Initial Qualification	JBSA-Kelly AFB, TX
C5MIFE	C-5M Instructor Flight Engineer Qualification	JBSA-Kelly AFB, TX
C5LIQ	C-5 Loadmaster Initial Qualification Course	JBSA-Kelly AFB, TX

C17LIQ	C-17 Loadmaster Initial Qualification	Altus AFB, OK
C17ILM	C-17 Instructor Loadmaster Qualification Course	Altus AFB, OK
C17LAD	C-17 Loadmaster Airdrop Course	Altus AFB, OK
C-17 LM AIC	C-17 Loadmaster Advanced Instructor Course	JB Lewis-McChord, WA
C17LTX-4	C-17 Loadmaster Transition Course	Altus AFB, OK
0C130H2FEQ1LP	C-130H2 Flight Engineer Initial Qualification (Basic)	Little Rock AFB, AR
C130H2FEQ3LP	C-130H2 Flight Engineer Initial & Mission Qualification	Little Rock AFB, AR
C130H2FIN3LP	C-130H2 Flight Engineer Instructor	Little Rock AFB, AR
C130H2LMQ1LP	C-130H2 Loadmaster Initial Qualification Course	Little Rock AFB, AR
C130H2LMQ3LP	C-130H2 Loadmaster Initial/Mission Qualification Course	Little Rock AFB, AR
C130JLIQ1LP	C-130J Loadmaster Initial Qualification	Little Rock AFB, AR
C130JLIQ3LP	C-130J Loadmaster Initial/Mission Qualification Course	Little Rock AFB, AR
C130H2LIN3LP	C-130 Loadmaster Instructor Course	Little Rock AFB, AR
C130JLIN3LP	C-130J Loadmaster Instructor Qualification Course	Little Rock AFB, AR
C130JLIQ5LP	C-130J Loadmaster Mission Qualification Course	Little Rock AFB, AR
C130JLXA3LP	C-130J Loadmaster Transition Long Course (Qual & Msn)	Little Rock AFB, AR
C130JLXB3LP	C-130J Loadmaster Transition Short Course (Qual & Msn)	Little Rock AFB, AR
C-130J LM AIC	C-130J Loadmaster Advanced Instructor Course	Little Rock AFB, AR
NOTE: Please check Education & Training Course Announcements for the most updated Course Number and information: <a href="https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1">https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1</a> CAO 3 Jan 2023		

**Table 3. Air Mobility Command Distance Learning Courses**

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>WEBSITE</b>
DL RGMC I	Rapid Global Mobility Course I	<a href="https://lms-jets.cce.af.mil">https://lms-jets.cce.af.mil</a>
DL RGMC II	Rapid Global Mobility Course II	<a href="https://lms-jets.cce.af.mil">https://lms-jets.cce.af.mil</a>
WBT AF FEMO	AF Fundamentals of Expeditionary Mobility Operations	<a href="https://lms-jets.cce.af.mil">https://lms-jets.cce.af.mil</a>
WBT STAGE	Stage Management Course	<a href="https://lms-jets.cce.af.mil">https://lms-jets.cce.af.mil</a>

**Table 4. MFA Advanced Training**

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
AATTC	Advanced Airlift Tactics Training Center Course	St. Joseph ANGB, MO
AMC CATS	Combat Aircrew Tactics Studies Course	St. Joseph ANGB, MO
USAF EC AIC	Academic Instructor Qualification Course	JB McGuire/Dix/Lakehurst, NJ
AMC APC	Air Mobility Division Airlift Planners Course	Hurlburt Field, FL
AMC AAMOC	Advanced Air Mobility Operations Course	JB McGuire/Dix/Lakehurst, NJ

**Table 5. EMA Air Force In-Residence Training**

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
TBD	Executive Mission Aviator FTU Preparatory Course – Undergraduate Flying Training	JBSA-Lackland AFB, TX
S-V97-A	Advanced SERE Skills Training	Fairchild AFB, WA
S-V85-A	Emergency Parachute and Water Survival Training	Fairchild AFB, WA
S-V84-A	USAF Underwater Egress Training (UET)	Fairchild AFB, WA
E4B - Flt Attend	E-4B Flight Attendant Initial Qual, Requal, and Instructor Upgrade	Offutt AFB, NE
E4BAMSS-CORE	E-4B Common Core Academics	Offutt AFB, NE
E4BAMSS-DATA	E-4B DATA Communications Operator Qual/Requal	Offutt AFB, NE
E4BAMSS-VO	E-4B Voice Operator, Qualification & Requalification	Offutt AFB, NE
E4BAMSS-RO	E-4B Radio Operator Qualification & Requalification	Offutt AFB, NE
E4BAMSS-TC1	E-4B Tech Controller #1 Qualification & Requalification	Offutt AFB, NE
E4BAMSS-TC2	E-4B Tech Controller #2 Qualification & Requalification	Offutt AFB, NE
E4BAMSS-CSO	E-4B Comm Sys Operator Qualification & Requalification	Offutt AFB, NE
E4BAMSS-RM	E-4B Radio Maintenance Op Qualification & Requalification	Offutt AFB, NE
E4BAMSS-WIRE	E-4B Dual Trailing Wire Antenna Operator Qual/Requal	Offutt AFB, NE
E4BIFE	E-4B IFE Qualification & Requalification Course	Offutt AFB, NE
E4FE	E-4B Flight Engineer Qualification & Requalification Course	Offutt AFB, NE
C-37A/B FDQ	C-37A/B Flight Engineer Differences Training	Andrews AFB, MD
C-32A/C-40B FA Initial Qual	C-32A/C-40B Flight Attendant Initial Qualification	Andrews AFB, MD
C-32A/C-40B FA Instructor	C-32A/C-40B Flight Attendant Instructor Upgrade Training	Andrews AFB, MD
C-32A/C-40B FA Requal	C-32A/C-40B Flight Attendant Requalification Training	Andrews AFB, MD
C-37A/B UT-01	C-37A/B Flight Attendant IQT	Andrews AFB, MD
C-37A/B MT-02	C-37A/B Flight Attendant Requalification Training	Andrews AFB, MD
C-37A/B IT-03	C-37A/B Flight Attendant Instructor Upgrade Training	Andrews AFB, MD
NOTE: Please check Education & Training Course Announcements for the most updated Course Number and information: <a href="https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1">https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1</a> Current as of 3 Jan 2023		

**Table 6. EMA Contracted Training**

<b>PROVIDER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
Flight Safety Int'l	Emergency Egress Simulator <20 Passengers	Savannah, GA
Flight Safety Int'l	C-37A (G-5) Flight Engineer Initial Maintenance Course	Savannah, GA
Flight Safety Int'l	C-37A Flight Engineer Initial Qualification	Savannah, GA
ATLAS	Emergency Egress Simulator >20 Passengers	Miami, FL
MedAire, Inc.	In-flight Emergency Medical Training	Local

**Table 7. Special Mission Aviator Air Force In-Residence Courses**

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
TBD	Aircrew Fundamentals Course	JBSA-Lackland AFB, TX
TBD	Special Mission Aviator FTU Preparatory-Course – Undergraduate Flying Training	JBSA-Lackland AFB, TX
S-V97-A	Advanced SERE Skills Training	Fairchild AFB, WA
S-V85-A	Emergency Parachute and Water Survival Training	Fairchild AFB, WA
S-V84-A	USAF Underwater Egress Training (UET)	Fairchild AFB, WA
E-A9H-A	TH-1H Career Enlisted Aviator Rotary-Wing Fundamentals Course	Fort Rucker, AL
E-I9H-A	TH-1H Special Mission Aviator Instructor Training	Fort Rucker, AL
CV22-SMA-IQ	CV-22 Special Mission Aviator Initial Qualification	Kirtland AFB, NM
CV22-IP/F-UQ	CV-22 Instructor Pilot/Flight Engineer Upgrade Qualification	Kirtland AFB, NM
HH60G-SMA-IQ	HH-60G Special Mission Aviator Initial Qualification	Kirtland AFB, NM
HH60G-SMAI-UQ	HH-60G Special Mission Aviator Instructor Upgrade Qualification	Kirtland AFB, NM
HHW1A9IMQ	HH-60W Special Mission Aviator Initial/Mission Qualification	Kirtland AFB, NM
HHW1A9CV	HH-60W Special Mission Aviator Conversion Course	Kirtland AFB, NM
HHW1A9IU	HH-60W Fully Qualified Special Mission Aviator Instructor Upgrade	Kirtland AFB, NM
HH-60 SMA AIC	HH-60 Special Mission Aviator Advanced Instructor Course	Nellis AFB, NV
UHN1A9IMQ	UH-1N Special Mission Aviator Initial Mission Qualification	Kirtland AFB, NM
UHN1A9IUQ	UH-1N Instructor Special Mission Aviator Upgrade Qualification	Kirtland AFB, NM
UHN1A9TX1	UH-1N Special Mission Aviator Transition Course	Kirtland AFB, NM
UHN1A9TX2	UH-1N Special Mission Aviator Requalification Course	Kirtland AFB, NM
ACJ1A9IQ	AC-130J Aerial Gunner Initial Qualification	Kirtland AFB, NM
AC130JAC	AC130J Aerial Gunner Mission Qualification	Hurlburt Field, FL
AC130JIAG	AC130J Instructor Aerial Gunner Mission Qualification	Hurlburt Field, FL
HCJ1A2IMQ	HC-130J Loadmaster Initial & Mission Qualification	Kirtland AFB, NM
HCJ1A2IUQ	HC-130J Instructor Loadmaster Upgrade Qualification Course	Kirtland AFB, NM
HCJA2PRTX	HC-130J Loadmaster Personnel Recovery Transition Course	Kirtland AFB, NM
MCJ1A2IMQ	MC-130J Loadmaster Initial & Mission Qualification	Kirtland AFB, NM
MCJ1A2IQ	MC-130J Loadmaster Initial Qualification	Kirtland AFB, NM
MCJ1A2IUQ	MC-130J Instructor Loadmaster Upgrade Qualification Course	Kirtland AFB, NM

MCJ1A2SOTX	MC-130J Special Operations Transition Course	Kirtland AFB, NM
NSA/MEDLMIQ	Non-Standard Medium Aircraft Loadmaster Initial Qualification	Duke Field, FL
<p>NOTE: Please check Education &amp; Training Course Announcements for the most updated Course Number and information:  <a href="https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1">https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1</a>            Current as of 3 Jan 2023</p>		

**Table 8. Air Education and Training Command Courses**

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
L3AIRXXXX 0B1A	Basic Instructor Course (BIC)	JBSA-Lackland AFB, TX
E6AZU3S200 015	CDC Writer	CBT Course
E6AILXXXX 011A	Principles of Instructional System Development	CBT Course
5ACC3S200-003	Academic Instructor Course (AIC)	JBSA-Randolph AFB, TX
393AQR1UOX1 00AB	Principles of Instruction (POI)	Multiple

**Table 9. Career Enlisted Aviator Advanced Training**

<b>COURSE NUMBER</b>	<b>COURSE TITLE</b>	<b>LOCATION</b>
S-V87-A	Arctic Survival Training Course	Eielson AFB, AK
S-V97-A	Long Term Survival Training	Fairchild AFB, WA
JA0C2C	Joint Air Operations Command and Control Course	Hurlburt Field, FL
L5AZA1A2510F5A	Airdrop Load Inspector Certification Course	Ft. Lee, VA
ETF	Enlisted Test Fundamentals	Edwards AFB, CA
<p>NOTE: Please check Education &amp; Training Course Announcements for the most updated Course Number and information:  <a href="https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1">https://usaf.dps.mil/teams/app10-etca/SitePages/home.aspx?isdlg=1</a>            Current as of 3 Jan 2023</p>		

## SECTION E – MAJCOM Unique Requirements

### 1. Air National Guard (ANG)

1.1. **Purpose.** This section applies to all CEA assigned to ANG units.

#### 1.2. Proficiency Training.

1.2.1. Upon completion of the IQT, ANG CEAs require a minimum number of training days to become MR/CMR and obtain operational proficiency as outlined in the most recent Ready Aircrew Program (RAP) Tasking Message/MDS Vol 1.

**Table 10. ANG MR Training Days**

Sub-ID	Days
1A1X2G/H	250
1A1X2N	0
1A1X2C/D/N	250
1A1X3B/D/F	365
1A1X8A	240

1.2.2. CMR, as defined in the RAP tasking message/MDS Vol 1, and proficiency training will include TDY travel to accomplish training when not available at home station.

1.2.2.1. The number of days required for a member to attain CMR may be adjusted accordingly by the ANG CEA CFM as required to meet all necessary requirements identified in the MDS Vol 1 and applicable AFIs/supplements.

#### 1.3. Special Qualification Training.

1.3.1. Reserved

## SECTION F – MAJCOM Unique Resource Requirements

**NOTE: There are currently no MAJCOM unique resource requirements. This area is reserved.**

**Attachment 1  
Qualitative Requirements**

<i>THIS BLOCK FOR IDENTIFICATION PURPOSES ONLY</i>		
<b>NAME OF TRAINEE</b>		
PRINTED NAME ( <i>Last, First Middle Initial</i> )	INITIALS ( <i>Written</i> )	SSAN
<b>PRINTED NAME OF CERTIFYING OFFICAL AND WRITTEN INITIALS</b>		
N/I	N/I	

**QUALITATIVE REQUIREMENTS**

PROFICIENCY CODE KEY		
	SCALE VALUE	DEFINITION: The Individual
TASK PERFORMANCE LEVELS	1	Can do simple parts of the task. Needs to be told or shown how to do most of the task. (EXTREMELY LIMITED)
	2	Can do most parts of the task. Needs help only on hardest parts. (PARTIALLY PROFICIENT)
	3	Can do all parts of the task. Needs only a spot check of completed work. (COMPETENT)
	4	Can do the complete task quickly and accurately. Can tell or show others how to do the task. (HIGHLY PROFICIENT)
**TASK KNOWLEDGE LEVELS	a	Can name parts, tools, and simple facts about the task. (NOMENCLATURE)
	b	Can determine step by step procedures for doing the task. (PROCEDURES)
	c	Can identify why and when the task must be done and why each step is needed. (OPERATING PRINCIPLES)
	d	Can predict, isolate, and resolve problems about the task. (ADVANCED THEORY)
***SUBJECT KNOWLEDGE LEVELS	A	Can identify basic facts and terms about the subject. (FACTS)
	B	Can identify relationship of basic facts and state general principles about the subject. (PRINCIPLES)
	C	Can analyze facts and principles and draw conclusions about the subject. (ANALYSIS)
	D	Can evaluate conditions and make proper decisions about the subject. (EVALUATION)
EXPLANATIONS		
<p>** A task knowledge scale value may be used alone or with a task performance scale value to define a level of knowledge for a specific task. (Examples: b and 1b)</p> <p>*** A subject knowledge scale value is used alone to define a level of knowledge for a subject not directly related to any specific task, or for a subject common to several tasks.</p> <p>- This mark is used alone instead of a scale value to show that no proficiency training is provided in the course.</p> <p>x This mark is used alone in course columns to show that training is required but not given due to limitations in resources.</p>		

**Attachment 2**  
**Tasks, Knowledge, and Technical References**

	Task	Standard
	<b>Career Enlisted Aviator Fundamentals Course - Aerospace Physiology</b>	
1.0	Aerospace Physiology Academics	A
1.1	Complete Altitude Chamber Flight	2b
	<b>Career Enlisted Aviator Fundamentals Course - Career Enlisted Aviator 101</b>	
	<b>References: CEA CFETP, T.O. 00-5-1, T.O.00-5-3, AFI 11-215, AFH1, AFMAN 11-202 V1/2/3, AFMAN 11-2XXX V1/2/3, DAFMAN 11-401, AFMAN 11-402, AFMAN 11-403, AFMAN 11-290, DAFMAN 90-160, DAFMAN 90-161, AFI 90-802</b>	
	<b>Electronic Flight Bag (EFB) and Publications</b>	
2.0	Course Orientation	
2.1	Update Electronic Flight Bag (EFB) Applications and Data	2b
2.2	Navigate Electronic Flight Bag (EFB) Applications	2b
2.3	Air Force Technical Orders, Flight Manuals, and Standard Publications	A
2.4	Navigate AF Technical Orders / Manuals	2b
	<b>Aviation History</b>	
2.5	Duties within 1X1XX	A
2.6	Career Progression within 1X1XX	A
2.7	Platforms and Crew Position Information	A
2.8	Airmanship	A
2.9	Aircrew Heritage	A
2.10	Air Force Doctrine	A
2.11	Joint Force Doctrine	A
	<b>Crew Resource Management and Risk Management</b>	
2.12	Crew Resource Management (CRM)	A
2.13	Risk Management (RM)	A
2.14	Aircrew Communication Terms and Definitions	A
	<b>Operational Structure</b>	
2.15	Career Enlisted Aviator Career Opportunities	A
2.16	Career Enlisted Aviator Qualifications	A
2.17	Standardization and Evaluation Functions	A
2.18	Career Enlisted Aviator Missions	A
2.19	Career Enlisted Aviator Total Force Integration	A
2.20	Command Structure	A
2.21	MAJCOM Responsibilities	A
2.22	Joint Operations	A
	<b>Aircrew Responsibilities</b>	
2.23	Aviation Management	A
2.24	Aviation Service / Aeronautical Ratings / Badges	A
2.25	Incentives for Aviation Service	A
2.26	Flight Medicine Functions	A
2.27	Aircrew Member Responsibilities	A
2.28	Mentorship	A
	<b>Physiological Impacts</b>	
2.29	Human Performance	A
2.30	Impacts of Environmental Conditions	A
2.31	Nutrition	A

2.32	Injury Prevention	A
<b>Career Enlisted Aviator Fundamentals Course - Aircraft Fundamentals</b>		
<b>References: T.O 1X-XXX-1, DAFI 91-225, AFMAN 11-290, DAFI 91-204, DAFI 10-706, JP 3-85</b>		
<b>Aircraft Systems</b>		
3.0	Engines	B
3.1	Propellers	A
3.2	Auxiliary Power Unit	A
3.3	Fuel	B
3.4	Bleed Air	B
3.5	Environmental	B
3.6	Oxygen	A
3.7	Electrical	B
3.8	Aircraft Sensors	A
3.9	Flight Instruments	A
3.10	Navigation	A
3.11	Aircraft Lighting	A
3.12	Communication	A
3.13	Hydraulic	B
3.14	Landing Gear	A
3.15	Brakes	A
3.16	Fire Detection	A
3.17	Fire Extinguishing	A
3.18	Aircraft Systems Integration	A
3.19	EW Principles	A
3.20	Aircraft Defensive Systems	A
3.21	Vertical Lift Rotors	A
3.22	Vertical Lift Transmission / Drive Systems	A
3.23	Crew Resource Management related to Aircraft Systems	B
3.24	Aircraft Systems Mishap and Safety Investigations	B
3.25	Utilize Aircraft Systems Virtual Reality Modules	2b
<b>Fundamentals of Flight</b>		
3.26	Aerodynamics	A
3.27	Flight Controls	B
3.28	Turbo-Prop Propulsion	A
3.29	Turbo-Fan Propulsion	A
3.30	Fixed Wing	A
3.31	Rotary Wing	A
3.32	Tiltrotor	A
3.33	Aircraft Aerodynamics Mishap and Safety Investigations	B
3.34	Utilize the Fundamentals of Flight Application (Pending tablet/EFB conversion)	2b

	<b>Career Enlisted Aviator Fundamentals Course - Weight &amp; Balance / Takeoff and Landing Data (TOLD)</b>	
	<b>References: T.O. 1C-XXX-1-1, T.O. 1C-XXX-5, T.O. 1C-XXX-9, AFMAN 11-2C-XXX V3/Addenda A, T.O. 1-1B-50</b>	
	<b>Weight and Balance</b>	
4.0	Weight and Balance Concepts	A
4.1	Effects of Weight and Balance	A
4.2	Apply Weight and Balance Formulas	2b
4.3	Weight and Balance Records	A
4.4	Complete Weight and Balance DD Form 365-4	2b
4.5	Tactical and Electronic Form F	A
	<b>Takeoff and Landing Data (TOLD)</b>	
4.6	Interpret Basic Performance Chart Data	2b
4.7	Takeoff Data	B
4.8	Landing Data	B
4.9	Cruise Data	B
4.10	Hover Data	B
	<b>Career Enlisted Aviator Fundamentals Course - Airfield Operations</b>	
	<b>References: ACP 121, AFMAN 17-1302-O, AFI 13-207-O, AFI 10-701, T.O. 1X-XXX-1, AFI 91-212, AFI 11-301V1, AFMAN 11-218, T.O. 00-20-1, T.O. 1C-XXX-9, AFI 24-605 V2, JP 3-85, DOD Foreign Clearance Guide</b>	
	<b>Communication Principles</b>	
5.0	Radio Discipline	A
5.1	Internal Communication	A
5.2	External Communication	A
5.3	Emissions Control (EMCON)	A
5.4	Communication Security (COMSEC)	A
	<b>Security</b>	
5.5	Aircrew Security	A
5.6	Anti-Hijacking	A
5.7	Flightline Security Procedures	A
5.8	Operational Security (OPSEC)	A
	<b>Aircraft Hazards</b>	
5.9	Aviation Hazards	A
5.10	Emergency Equipment	A
5.11	Aircrew Flight Equipment	A
5.12	Emergency Egress Procedures	A
5.13	Marshalling	A
	<b>Aircraft Inspection</b>	
5.14	Preflight Inspections	A
5.15	Postflight Inspections	A
5.16	AFTO IMT 781 Series Forms	A
5.17	Document Discrepancies on AFTO IMT 781 Series Forms	2b
	<b>Passengers PAX</b>	
5.18	Passenger Handling Procedures	A
5.19	Passenger and Crew Baggage	A
5.20	Brief Passengers / Troops	2b
5.21	Border Clearance Procedures / Forms	A

5.22	Equipment Inventory Forms	A
<b>Career Enlisted Aviator Fundamentals Course - Mission Planning</b>		
<b>References: T.O. 1X-XXX-1, AFH 11-203V1, AFH 11-203V2, AFI 11-208, FIH, IRF SUP, AFI 11-290, DAFI 91-204, AFMAN 11-202-V3, AFMAN 11-218, AFMAN 11-230</b>		
<b>Weather</b>		
6.0	Atmosphere Principles	A
6.1	Physics Principles	A
6.2	Weather Report Interpretation	A
6.3	Extract Weather Report	2b
6.4	Interpret Weather Report	2b
6.5	Crew Resource Management related to Atmosphere and Weather	B
6.6	Weather Related Mishap and Safety Investigations	B
<b>Navigation</b>		
6.7	NAVAID Identification and Principles	A
6.8	Extract Terminal and Enroute NAVAID Information	2b
6.9	Interpret Terminal and Enroute NAVAID Information	2b
6.10	Determine Position Orientation	2b
6.11	Terminal and Enroute Procedures	A
6.12	Rendezvous Procedures	A
6.13	Determine Aircraft Position	2b
6.14	Determine Latitude / Longitude	2b
6.15	Extract General Navigation Information from Electronic Flight Bag (EFB)	2b
6.16	Interpret General Navigation Information from Electronic Flight Bag (EFB)	2b
<b>Mission Planning</b>		
6.17	Mission Planning	A
6.18	Pre-mission Briefings	A
6.19	Mission Responsibility	A
6.20	Mission Funds	A
6.21	Mission Forms	A
6.22	Complete Mission Forms	2b
6.24	Compute Resources Required for the Mission	2b
6.25	Perform Mission Planning	2b
6.26	Identify AFTO IMT 781 Series Forms	2b
<b>Career Enlisted Aviator Fundamentals Course - Network Operations</b>		
<b>References: 1X-XXX-1</b>		
<b>Network Operations</b>		
7.0	Network Fundamentals	A
7.1	Intelligence, Surveillance and Reconnaissance	A
7.2	Kinetic Operations	A
7.3	Multi-Domain Operations	A
7.4	Joint Environment	A
7.5	Threats	A
<b>Final Testing</b>		
7.6	Complete BOLDFACE Test	2b
7.7	Complete Closed Book Test	2b
7.8	Complete Open Book Test	2b

	Task	Standard
	<b>Mobility Force Aviator Course - Mobility Forces Aviator 101</b>	
	<b>References: AFMAN 11-202V1, AFI 11-401, T.O. 1C-XXX-1, ATP 3.3.4.2</b>	
	<b>Mobility Force Aviator Information</b>	
8.0	Mobility Forces Aviator Duties and Qualifications	A
	<b>Air Refueling Information</b>	
8.1	Boom & Drogue Characteristic	A
8.2	Boom Aerodynamic Effects	A
8.3	Aerial Refueling Systems Components	B
8.4	Tanker Communications	A
	<b>Air Refueling Procedures</b>	
8.5	Tanker Rendezvous	A
8.6	Air Refueling Limitations and Specifications	A
8.7	Demonstrate Air-to-Air Refueling Using a Simulator	2b
	<b>Mobility Force Aviator Course - Mission Planning</b>	
	<b>References:</b>	
	<b>Mobility Aviator Mission Planning</b>	
9.0	Complete Mobility Forces Aviator Mission Planning	2b
	<b>Mobility Force Aviator Course - Cargo Load Planning</b>	
	<b>References: T.O. 1C-XXX-1, T.O. 1C-XXX-9, AFMAN 11-2CXXX V3 Addenda A</b>	
	<b>Cargo Load Planning</b>	
10.0	Vehicle Center of Gravity Concepts	A
10.1	Compute Vehicle Center of Gravity	2b
10.2	Concepts of Load Planning	A
10.3	Apply Formulas for Load Planning	2b
10.4	Validate Load Plans	2b
10.5	Compute Cargo Load Plan	2b
	<b>Mobility Force Aviator Course - Cargo Loading</b>	
	<b>References: T.O. 1C-XXX-9, AFMAN 11-218, AFI 90-802</b>	
	<b>Cargo Loading</b>	
11.0	Apply Risk Management related to Cargo Loading	2b
11.1	Direct Loading of Palletized Cargo with a K-loader	2b
11.2	Direct Offloading of Palletized Cargo with a K-loader	2b
11.3	Conduct Before Loading Cargo Checklist	2b
11.4	Conduct After Loading Cargo Checklist	2b
11.5	Direct Loading of Palletized Cargo with a Forklift	2b
11.6	Direct Offloading of Palletized Cargo with a Forklift	2b
11.7	Direct Loading of Self-Propelled Tactical Military Vehicle with Tiedown Points	2b
11.8	Direct Offloading of Self-Propelled Tactical Military Vehicle with Tiedown Points	2b
11.9	Marshalling Material Handling Equipment	2b
	<b>Mobility Force Aviator Course - Cargo Restraint and Handling</b>	
	<b>References: T.O. 1C-XXX-1, T.O. 1C-XXX-9, AFMAN 11-2CXXX V3 Addenda A, AFMAN 24-604, AFI 24-605 V2</b>	
	<b>Cargo Restraint</b>	
12.0	Concepts of Restraint	A
12.1	Utilize Aircraft Tie Down Equipment	2b

12.2	Perform Restraint of Self-Propelled Tactical Military Vehicle with Tiedown Points	2b
12.3	Compute Restraint Criteria	2b
12.4	Area and Pounds Per Square Inch	A
12.5	Shoring Requirements	A
12.6	Compute Area and Pounds Per Square Inch	2b
12.7	Compute Shoring Requirements	2b
	<b>Cargo Handling</b>	
12.8	Cargo Documentation	A
12.9	Special Handling Procedures	A
12.10	Hazardous Cargo (HAZMAT)	A
12.11	Determine Segregation / Compatibility of HAZMAT	2b
12.12	Cargo Inspection Procedures	A
12.13	Inspect Palletized Cargo	2b
12.14	Inspect Rolling Stock	2b
12.15	Safety Requirements	A
12.16	Cargo Loading Aids and Material Handling Equipment	A
12.17	Cargo Loading Checklist	A
12.18	Cargo Offloading Checklist	A
	<b>Mobility Force Aviator Aircrew Qualification</b>	
	<b>References: AFMAN 11-202, 11-MDS V2</b>	
13.0	Earn MDS crew position qualification as indicated on AF Form 8	3c

	<b>Task</b>	<b>Standard</b>
	<b>Special Mission Aviator Course - Cargo Load Planning</b>	
	<b>References: T.O. 1C-XXX-1, T.O. 1C-XXX-9, AFMAN 11-2CXXX V3 Addenda A</b>	
	<b>Cargo Load Planning</b>	
10.0	Vehicle Center of Gravity Concepts	A
10.1	Compute Vehicle Center of Gravity	2b
10.2	Concepts of Load Planning	A
10.3	Apply Formulas for Load Planning	2b
10.4	Validate Load Plans	2b
10.5	Compute Cargo Load Plan	2b
	<b>Special Mission Aviator Course - Cargo Loading</b>	
	<b>References: T.O. 1C-XXX-9, AFMAN 11-218, AFI 90-802</b>	
	<b>Cargo Loading</b>	
11.0	Apply Risk Management related to Cargo Loading	2b
11.1	Direct Loading of Palletized Cargo with a K-loader	2b
11.2	Direct Offloading of Palletized Cargo with a K-loader	2b
11.3	Conduct Before Loading Cargo Checklist	2b
11.4	Conduct After Loading Cargo Checklist	2b
11.5	Direct Loading of Palletized Cargo with a Forklift	2b
11.6	Direct Offloading of Palletized Cargo with a Forklift	2b
11.7	Direct Loading of Self-Propelled Tactical Military Vehicle with Tiedown Points	2b
11.8	Direct Offloading of Self-Propelled Tactical Military Vehicle with Tiedown Points	2b
11.9	Marshalling Material Handling Equipment	2b

	<b>Special Mission Aviator Course - Cargo Restraint and Handling</b>	
	<b>References: T.O. 1C-XXX-1, T.O. 1C-XXX-9, AFMAN 11-2CXXX V3 Addenda A, AFMAN 24-604, AFI 24-605 V2</b>	
	<b>Cargo Restraint</b>	
12.0	Concepts of Restraint	A
12.1	Utilize Aircraft Tie Down Equipment	2b
12.2	Perform Restraint of Self-Propelled Tactical Military Vehicle with Tiedown Points	2b
12.3	Compute Restraint Criteria	2b
12.4	Area and Pounds Per Square Inch	A
12.5	Shoring Requirements	A
12.6	Compute Area and Pounds Per Square Inch	2b
12.7	Compute Shoring Requirements	2b
	<b>Cargo Handling</b>	
12.8	Cargo Documentation	A
12.9	Special Handling Procedures	A
12.10	Hazardous Cargo (HAZMAT)	A
12.11	Determine Segregation / Compatibility of HAZMAT	2b
12.12	Cargo Inspection Procedures	A
12.13	Inspect Palletized Cargo	2b
12.14	Inspect Rolling Stock	2b
12.15	Safety Requirements	A
12.16	Cargo Loading Aids and Material Handling Equipment	A
12.17	Cargo Loading Checklist	A
12.18	Cargo Offloading Checklist	A
	<b>Special Mission Aviator Course - Special Missions Aviator 101</b>	
	<b>References: CFETP, AFECD, 1C-XXX-1</b>	
	<b>Special Missions Aviator Information</b>	
14.0	Special Missions Aviator Duties and Qualifications	A
14.1	Special Missions Aviator Mission Taskings	A
	<b>Aircraft Systems / Equipment</b>	
14.2	Rotor Systems	B
14.3	Transmission / Drive Systems	B
14.4	Prop-Rotor Systems	B
	<b>Aerodynamics</b>	
14.5	Rotary Wing	B
14.6	Tiltrotor	B
	<b>Special Mission Aviator Course - Navigation/Mission Planning</b>	
	<b>References: AFTTP 3-3</b>	
	<b>Navigation</b>	
15.0	Mission Planning / Form 70	B
15.1	Determine UTM / MGRS	2b
	<b>Special Mission Aviator Course - Weapons and Tactics</b>	
	<b>References: T.O. 1C-XXX-1, AFMAN 91-201, AFTTP 3-3, T.O. 1C-XXX-1-43</b>	
	<b>Aircraft Weapons Systems Principles of Operation</b>	
16.0	Weapon Safety	A
16.1	Ammunition / Ballistic Principles	A
16.2	Theory of Operations	A
16.3	Fixed Wing Armament	A

16.4	Rotary Wing Armament	A
16.5	Tools	A
16.6	Kill Chain/ROE/LOAC/JFIRE/JP3-50	A
	<b>Alternate Insertion / Extraction (AIE) Operations</b>	
16.7	Principles of Operation	A
16.8	System Components	A
16.9	Inspection	A
	<b>Special Missions Aviator Aircrew Qualification</b>	
	<b>References: AFMAN 11-202, 11-MDS V2</b>	
17.0	Earn MDS crew position qualification as indicated on AF Form 8	3c

	Task	Standard
	<b>Executive Mission Aviator Course - Executive Mission Aviator 101</b>	
	<b>References: CEA CFETP, AFH1, AFECD, AFMAN 11-2E-XXX V1, 1X-XXX-1, T.O. 1X-XXX-1-1, AFH 11-203 V1, ACP 121/125/131/135/167(J), T.O. 1C-XXX-1</b>	
	<b>Executive Mission Aviator Information</b>	
18.0	Executive Mission Aviator Duties and Qualifications	A
	<b>Distinguished Visitor Aircraft</b>	
18.1	Aircraft Orientation	A
	<b>Computers</b>	
18.2	Computer Systems	B
18.3	Computer Networking	B
18.4	Perform Computer Networking / Troubleshooting	2b
	<b>Communication Systems</b>	
18.5	Systems	B
18.6	Voice Tell	A
18.7	Effects of Weather	A
18.8	Anti-Jam Systems	A
18.9	Radio / Telephone Procedures	A
18.10	Perform Standard Radio / Telephone Procedures	2b
	<b>Electronics</b>	
18.11	Basic Electronics	A
18.12	Wave Propagation	A
18.13	Cooling Systems	A
	<b>Executive Mission Aviator Course - Passenger / Meal Procedures</b>	
	<b>References: AFI 34-1201, DAFI 36-2903, AFMAN 11-2EA V3, Assorted Cookbooks, Assorted Culinary Textbooks, Assorted Online Culinary Resource Sites</b>	
	<b>General Activities</b>	
19.0	Manners / Etiquette / Protocol	A
	<b>Meal Activities</b>	
19.1	Mission Menus	A
19.2	Prepare Mission Menus	2b
19.3	Create Menu Options	2b
19.4	Plan Menus According to Passenger Count	2b
19.5	Ensure Menus Correlate with Passenger Likes/Dislikes list	2b
19.6	Shopping Requirements	A
19.7	Requirements for Wet Ice/Dry Ice/Potable Water/Lavatory at each Ground Stop with Appropriate Agencies	A

19.8	Complete Pre-Mission Shopping Requirements	2b
19.9	Transportation for Enroute Meal Shopping Trips with Other Agencies	A
19.10	Passengers with Special Dietary Considerations	A
19.11	Acquire Food and Beverages During Enroute Shopping Trips	A
19.12	Meals	B
19.13	Prepare Meals	2b
19.14	Demonstrate Basic Culinary Skills	2b
19.15	Food Groups/Dietary Restrictions/Special Diets/Selecting Food Items	A
19.16	Food Safety/Sanitation	B
19.17	Demonstrate Food Safety and Sanitation	2b
19.18	Food Storage	A
19.19	Food Preservation Techniques	A
19.20	Pack Coolers/Gray Ghosts	2b
19.21	Prepare/Organize/Store Food in Accordance with Applicable Health/Safety Codes	2b
19.22	Label Food Items for Storage	2b
19.23	Inventory/Store Food/Fleet Items	2b
19.24	Perform Overnight Food Storage to Include Refrigeration and Freezing	2b
19.25	Galley Equipment	A
19.26	Operate Galley Equipment	2b
	<b>Executive Mission Aviator Course - Mission Planning</b>	
	<b>References: T.O. 1C-XXX-1, Foreign Clearance Guide, AFMAN 11-2EA V3</b>	
	<b>Mission Planning</b>	
20.0	Mission Responsibilities	A
20.1	Fleet Supplies	A
20.2	Manually Load all Mission required items	A
20.3	Coordinate Aircraft Loading with Supporting Agencies	2b
20.4	Acquire/Review Mission Itineraries	2b
20.5	Itinerary Changes with Aircraft Commanders (ACs)/Mission Contacts	2b
20.6	Conduct Pre-Mission Planning with Appropriate Agencies	A
20.7	Coordinate Pre-Mission Tasks with Crew	2b
20.8	Perform Advance Meal Preparations	2b
20.9	Assign/Delegate Tasks to Crew Members	2b
20.10	Catered Meals with Appropriate Agencies	A
20.11	Coordinate Wet/Dry Ice Acquisition Enroute for Multi-Day RONs with Appropriate Agencies	A
20.12	Mission Expense Reports	A
	<b>Post Mission</b>	
20.13	Inventory Aircraft Supplies Post-Mission	2b
20.14	Perform End of Mission Aircraft Fleet/Inventory	2b
20.15	Complete Post-Mission Debriefs	2b
20.16	Order/Replenish Fleet Supplies	2b

	<b>Executive Mission Aviator Course - Emergency Procedures</b>	
	<b>References: T.O. 1C-XXX-1, AFMAN 11-2EA V3</b>	
	<b>Emergency Procedures &amp; Safety</b>	
21.0	Perform Aircraft Inspection	2b
21.1	Secure Aircraft Cabin	2b
21.2	Basic First Aid Familiarization	A
21.3	Perform Announcements	2b
21.4	Emergency Procedures	2b
	<b>Executive Mission Aviator Aircrew Qualification</b>	
	<b>References: AFMAN 11-202, 11-MDS V2</b>	
22.0	Earn MDS crew position qualification as indicated on AF Form 8	3c

Attachment 3

Figure 2. 1A1X2/3/4 Career Path

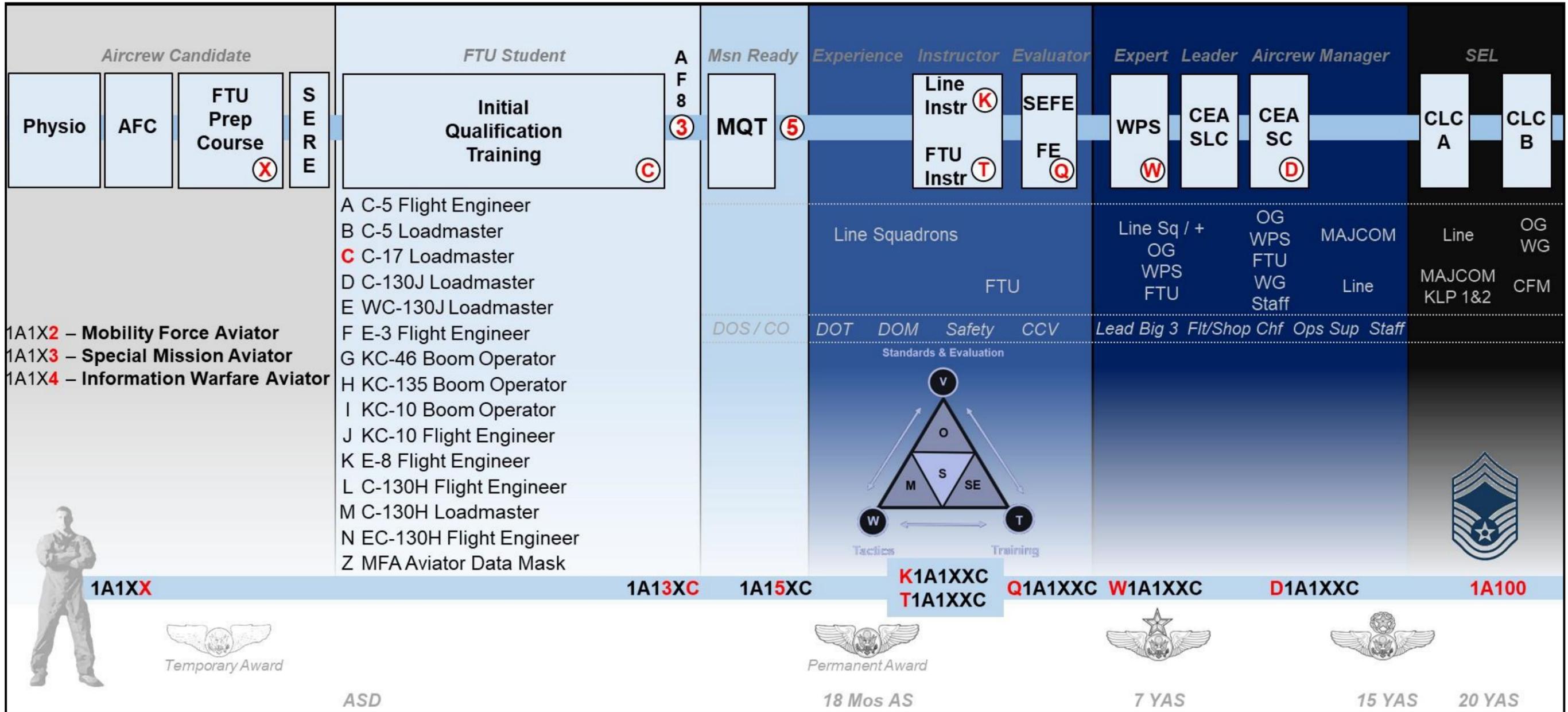


Figure 3. 1A1X8 Career Path

