

DEPARTMENT OF THE AIR FORCE
Headquarters, United States Air Force
Washington, DC 20330-1480

CFETP 1U1X1
Parts I-II
23 August 2018
Certified Current, 2 June 2023

AFSC 1U1X1 REMOTELY PILOTED AIRCRAFT ENLISTED PILOT

CAREER FIELD EDUCATION AND TRAINING PLAN (CFETP)

ACCESSIBILITY: Publication and forms are available on the e-publishing website www.e-publishing.af.mil for downloading or at ordering.

RELEASABILITY: There are no releasability restrictions on this publication.

Table of Contents

PART I	4
Preface.....	4
ABBREVIATIONS/TERMS EXPLAINED	5
Section A - General Information	8
1. Purpose.	8
2. Uses.....	8
3. Coordination and Approval.	8
Section B - Career Progression and Information	9
4. Specialty Description	9
5. Skill/Career Progression.	9
6. Training Decisions.	10
7. Community College of the Air Force (CCAF) Academic Programs.	10
8. Career Field Flow Charts.	12
Section C - Skill Level Training Requirements	16
9. Purpose.	16
10. Specialty Qualifications:	16
Section D - Resource Constraints	18
11. Purpose.	18
12. Apprentice Level Training.	18
13. Journeyman Level Training.	18
14. Craftsman Level.	18
PART II	19
Section A - Course Training Standards (CTS)	19
1. Implementation.	19
2. Purpose.	19
3. Recommendations.	19
Section B - Course Objective List	20
4. Advanced Skills Course.	20
Section C - Support Material	20
5. Support Materials.	20
Section D - Training Course Index	20
6. Purpose.	20
Section E - MAJCOM Unique Requirements	20
Section F - MAJCOM Unique Resource Requirements	20
REFERENCE LIST	21

OPR: HQ USAF/A3TF
 Certified by: HQ USAF/A3TF (CMSgt Eric N. Rigby)
 -
 Pages: 23

List of Tables

Table 1 Degree Requirements.....	10
Table 2 Technical Core (12-24 Semester Hours).....	11
Table 3 Technical Electives (0-12 Semester Hours)	11
Table 4 General Education Requirements.....	11
Table 5 1U1X1 Enlisted Education and Training Path.....	15
Table 6 Air Force In-Residence Courses.....	20
Table 7 Air Force Institute for Advanced Distributed Learning (AFIADL) Courses	20
Table 8 Flying/Simulator Training	20
Table 9 Air Education and Training Command Courses.....	20

CAREER FIELD EDUCATION AND TRAINING PLAN

RPA ENLISTED PILOT

AFSC 1U1X1

PART I

Preface

1. This Career Field Education and Training Plan (CFETP) is a comprehensive education and training document that identifies life-cycle education/training requirements, training support resources and minimum core task requirements for the specialty. The CFETP will provide personnel a clear career path to success and instill rigor in all aspects of field training.
2. The CFETP consists of two parts; both of which are used by management to plan, manage, and control within the career field.
 - 2.1. Part I provides information necessary for overall management of the specialty. Section A explains how ~~will use~~ the plan; Section B identifies career progression information, duties and responsibilities, strategies, and career field path; Section C associates each level with specialty qualifications (education, training, and other); Section D indicates resource constraints. Some examples are funds, manpower, and facilities. ~~Note: The Air Force Enlisted Classification Directory (AFECD) and AFI 36-2101 Classifying Military Personnel (Officer and Enlisted) contain the specialty~~ descriptions.
 - 2.2. Part II includes the following: Section A identifies the Specialty Training Standard (STS) and includes ~~tasks,~~ technical references to support training, Air Education and Training Command (AETC) training, and correspondence course requirements. Section B contains the course objective list and standards supervisors use to determine if Airmen satisfy training requirements. Section C ~~will~~ available training support materials. Section D identifies a training course index that is used to ~~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 3 to the electronic version of the CFETP is a career path chart. This chart provides a ~~visual~~ depiction of the RPA Enlisted Pilot AFSC, Incentive Pay milestones, years of aviation service, and key information to education, training and qualification. It also contains promotion information specific to the RPA Enlisted Pilot AFSC, such as average time in grade, time in service, as well as Air Force averages. This chart provides a timeline for achieving additional qualifications such as instructor, evaluator, Flying Training (FTU) assignment, and leadership opportunities within the squadron, Group, Wing and MAJCOM and USAF.
3. This CFETP is designed to ensure individuals in AFSC 1U1X1 receive comprehensive and effective training at appropriate phases of their career. At unit level, supervisors and trainers use Part II to identify, plan, and conduct training commensurate with the overall goals of this plan.

ABBREVIATIONS/TERMS EXPLAINED

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.

Aircrew Fundamentals Course (AFC). A course designed to prepare enlisted personnel for their transition to a career in aviation. Knowledge presented in the course includes physiological, survival, aircrew mission, anti-hijacking and 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 candidates entering expensive follow-on training courses.

Advanced Training (AT). Formal course which provides individuals who are qualified in one or more positions of their Force Specialty (AFS) with additional skills/knowledge to enhance their expertise in the career field. Training is for selected airmen at the advanced level of the AFS.

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

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

Basic Aircraft Qualification (BAQ). An aircrew member who has satisfactorily completed training prescribed to the skills necessary to perform aircrew duties in the unit aircraft.

Basic Mission Capable (BMC). An aircrew member who has satisfactorily completed mission qualification training and is qualified in some aspect of the unit mission, but does not maintain MR/CMR status.

Basic Qualification (BQ). A status of a crewmember who has satisfactorily completed the basic training necessary to operate the unit aircraft. The member must perform at the minimum frequency needed to meet the most recent sortie and flight standards set for that weapons system.

Career Enlisted Aviator (CEA). An aircrew member in any of the 1AXXX or 1UXXX career fields.

Career Enlisted Aviator Center of Excellence (CEA CoE). The USAF CEA Undergraduate Training Center located at Lackland AFB, TX. Provides undergraduate, initial skills training through award of the 3-skill level.

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

Combat Mission Ready (CMR). A crewmember who has satisfactorily completed mission qualification training and maintains qualification and proficiency in the command or unit combat mission.

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

Core Task (CT). A task AFCFMs identify as a minimum qualification requirement within an Air Force specialty or position. Core Tasks for the AFS can be either task or knowledge based and are the STS line items fundamental to 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 based upon skill level.

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

Crew Resource Management (CRM). The effective use of all available resources, people, weapon systems, equipment, and environment by individual airmen to safely and efficiently accomplish an assigned mission or task. The term "CRM" is used to refer to the training program, objectives, and key skills directed to this end.

Enlisted Specialty Training (EST). A mix of formal training (technical school) and informal training (on-the-job) to qualify and upgrade airmen in each skill-level of a specialty.

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

Field Evaluation Questionnaire (FEQ). An extensive survey based on the CFETP to determine how well the training met the apprentice levels outlined in the CFETP. This survey is sent approximately six months after the Basic Education and Training Manager, if unclassified, or direct to the unit training manager, if classified.

Field Technical Training. Special or regular on-site training conducted by a field training detachment (FTD), Training Unit (FTU) or by a formal training team (MTT).

Formal Training Unit (FTU). Name given to an AETC, Air Combat Command (ACC), or Air Mobility Command (AMC) school conducting formal training.

Full Motion Video (FMV). Motion pictures are run at 30 frames per second which is the minimum frequency required to eliminate perception of moving frames and make the images appear the fluid to the eye. FMV is delivered to provide moving visual images to airborne and ground based platforms.

Graduate Assessment Survey (GAS). Survey conducted in accordance with AFI 36-2201. Used by recent graduates to evaluate the quality of formal training received and its applicability to their job. The data is used to determine the effectiveness of, and need for changes in training.

Initial Qualification Training (IQT). Training needed to qualify aircrew for basic aircrew duties in an assigned position for a specific aircraft, without regard for the unit's operational mission.

Initial Skills Training. A formal school course that result in award of a 3-skill level AFSC.

Input/Feeder AFSC. A list of AF specialties designated as approved pre-requisites for entry into subsequent AFSC.

Instructional System Development (ISD). A deliberate and orderly, but flexible process for planning, developing, implementing, and reviewing instructional programs. It ensures personnel are taught, in a cost efficient way, the knowledge and skills for successful job performance.

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

MAJCOM Functional Manager (MFM). Primary focal point and liaison between the MAJCOM 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 education, training, and resources for a specific career field(s) for that MAJCOM.

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 Capable (MC). Status of an aircrew member who has satisfactorily completed mission qualification training who does not maintain mission ready status.

Mission Design Series (MDS). A term used to identify a specific aircraft designation (e.g. MQ-9A, RQ-4).

Mission Ready (MR). An aircrew member who has satisfactorily completed mission qualification training and qualification and proficiency in the command or unit operational mission.

Mission Qualification Training (MQT). Training needed to qualify a crewmember in an assigned crew position specific aircraft to perform the command for unit mission.

On-the-Job Training (OJT). A delivery method used to certify personnel in both upgrade (skill level award) and qualification (duty position certification) training. It is hands-on, over-the-shoulder training conducted at the duty location.

Practicum. A means of receiving college credits through Community College of the Air Force (CCAF) Technology Associates Degree Program for formal schoolhouse instructors. It covers a wide variety of subjects beyond instructor qualification.

Qualification Training (QT). Actual hands-on task performance training designed to qualify an aircrew member specific duty position. This training program occurs both during and after the upgrade training process. It is designed to provide the performance skill/knowledge training required to do a job.

Resource Constraints. Resource deficiencies, such as money, facilities, time, manpower, and equipment that 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 Air Force members a choice of career fields from which to pursue an Air Force career and provides a method to return disqualified members from their current AFSC to a productive status.

Specialty Training Standard (STS). An AF publication that describes an AFSC in terms of tasks and knowledge an individual Air Force member is expected to perform or to know on the job. Also identifies the training provided to achieve a 3-, 4-, or 5-skill level within an enlisted AFSC. 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.

Squadron Operations Cell (SOC). An entity composed of intelligence and operational support personnel that focuses dynamic mission planning and ongoing mission support. Composition may vary, but a typical SOC will include a commander or operations supervisor, intelligence personnel, and possibly one or more weather specialists.

Standard. An exact value, a physical entity, or an abstract concept, established and defined by authority, common custom, or practice, used to serve as a reference, model, or rule in measuring quantities or qualities, establishing 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 for his or her subject matter expertise or knowledge of the specialty.

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

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

Undergraduate Remotely Piloted Aircraft Training (URT) The 3-level, initial entry pipeline training for an RPA Pilot. This term encompasses three distinct courses: RPA Initial Flight Training (RFT), RPA Instrument Qualification (RIQ), and RPA Fundamentals Course (RFC). URT is for officer and enlisted pilot students.

Unit Type Code (UTC). A UTC is a potential unit of capability focused on accomplishment of a specific Air Force mission. It can consist of manpower (MWP) only, equipment (LOGDET) only, or both.

Upgrade Training (UGT). Mandatory training that leads to attainment of higher level of proficiency.

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

Weapons System Training Package (WSTP). An instructional course which 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 presented in classroom, computer based, flying, simulator, or other audiovisual material.

Section A - General Information

1. Purpose.

This CFETP provides information necessary for the Air Force Career Field Manager (AF CFM), MAJCOM functional managers (MFMs), commanders, training managers, supervisors, and trainers to plan, develop, and manage an effective and efficient career field training program. The plan outlines the training that individuals receive in order to develop and progress throughout their career. For the purpose of this plan, training is divided into four areas: initial skills, upgrade training (UGT), qualification training (QT), and continuation (CAT). Initial skills training is the Air Force Specialty specific training an individual receives upon entry into the Air Force or upon retraining into this specialty for award of the 3-skill level. Upgrade training identifies the tasks, qualification requirements, and correspondence course completion required for award of the 3-, 5-, 7-, and 9-skill levels. Qualification training is actual hands-on task performance training designed to qualify an airman in a specific duty position. This training program occurs both during and after the upgrade training process. Continuation training is designed to provide the performance skills/knowledge training required for the job. Continuation training includes training either in-residence or exportable advanced training courses, or on-the-job training and additional training to increase their skills and knowledge beyond the minimum required. The CFETP has several purposes:

- 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 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 plan will be used by MFMs and supervisors at all levels to ensure comprehensive and cohesive training programs are available and/or instituted for each individual in the specialty.

- 2.1. AETC training personnel will develop and revise formal resident, non-resident, field and exportable training requirements established by the user and documented in Part II of the CFETP. They will also work with the AF CFM to develop acquisition strategies for obtaining resources needed to provide the identified training.
- 2.2. MFMs will ensure their training programs complement the CFETP mandatory initial and upgrade training requirements. OJT, resident training, contract training, or exportable courses can satisfy identified training 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. Each individual will complete the mandatory training requirements specified in this plan. The list of training courses in Part II will be used as a reference to support training.
- 2.4. Personnel in AFSCs 1AXXX or 1UXXX are exempt from maintaining OJT Training Folders (AF Form 623). All training is certified via AF Form 8, *Certificate of Aircrew Qualification*, by trained flight examiners. Certification on the AF Form 8 eliminates the requirement to document STS items in this CFETP.

3. Coordination and Approval.

The AF CFM is the approval authority. MAJCOM functional managers and AETC training managers will identify and coordinate on the career field training requirements. The AF CFM 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 MAJCOM Functional Managers to HQ USAF/A3TF, 1480 Air Force Pentagon, Washington D.C. 20330-1480 or the following organizational email address: [USAF_Pentagon_AF-A3_Mailbox_A3XI_Workflow <usaf.pentagon.af-a3.mbx.a3xi-workflow@mail.mil>](mailto:USAF_Pentagon_AF-A3_Mailbox_A3XI_Workflow@usaf.pentagon.af-a3.mbx.a3xi-workflow@mail.mil)

Section B - Career Progression and Information

4. Specialty

Description

4.1. Specialty Summary. Operates specialized mission aircraft and commands flight crews to reconnaissance, surveillance, and combat missions. Operates mission equipment, systems, and electronic (EP) equipment. Pilots conduct operations and procedures IAW Special Instructions (SPINS), Air Tasking Order (ATO), and Rules of Engagement (ROE). Pilots continually monitor aircraft and weapons systems status to lethal and non-lethal application of airpower. Related DoD Occupational Group: 220100.

4.2. Duties and Responsibilities.

4.2.1. Plans and prepares for mission. Reviews mission tasking, intelligence, and weather information. mission planning, equipment configuration, and crew briefing. Ensures ground station and aircraft are inspected, loaded, and equipped for mission.

4.2.2. Operates aircraft and commands crew. Operates aircraft controls and equipment. Performs, directs navigation, intelligence, surveillance, and reconnaissance (ISR), and mission employment operations.

4.2.3. Conducts or supervises training of crewmembers. Ensures operational readiness of crew by supervising unit specific training. Develops and reviews instructional methods and procedures used in Qualification Training (IQT), Upgrade Training (UGT), and Continuation Training (CT). Reviews training status and recommends remedial training. Evaluates aircrew academic, simulation, and in-flight performances. Reviews analysis of flight evaluations to identify training deficiencies. Supervises subordinates during the performance. Reviews training status and arranges additional, remedial, and continuation training. Conducts inspections of aircrew operation and unit activities.

4.2.4. Develops plans and policies, monitors operations, and advises commanders. Plans and apprentices journeyman/craftsman activities. Assists command and performs staff functions related to this specialty.

5. Skill/Career

Progression

Adequate training and timely progression from the apprentice to the superintendent skill level play an extremely important role in the Air Force's ability to accomplish its mission. Therefore, it is essential that everyone in training involvement 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 points in their career. The appropriate narrative and the AFSC 1U1X1 career field flow charts identify the following path. They define the training requirements in an individual's career.

5.1. Apprentice (3) Level. Initial skills training in this specialty consists of the tasks and knowledge provided in the 3-skill level resident course (1U1X1). Tasks and knowledge training requirements are identified in training standards, referenced in Part II, Section A and contained within the Undergraduate Remote Aircraft Training (URT) syllabi. Individuals must complete the initial skills course to be awarded AFSC 1U1X1.

5.2. Journeyman (5) Level. To be awarded AFSC 1U151, the trainee must complete requirements listed in the applicable MAJCOM aircrew training directives, initial qualification training, and either initial qualification training or launch and recovery qualification training. A qualifying form 8 certification of this training.

5.3. Craftsman (7) Level. To be awarded AFSC 1U171, the trainee must be a SSgt, complete all 3- and 5-level training requirements, and meet all requirements as listed in the applicable MAJCOM aircrew training directives. Individuals in retraining status are subject to the same training requirements. The trainees complete unit specific mission qualification training or launch and recovery qualification training.

5.4. Superintendent (9) Level. To be awarded AFSC 1U191, an individual must be a SMSgt and have his or her supervisor's recommendation. Additionally, complete any other requirements specified in the Air Force Enlisted Classification Directory (AFECD) and AFI 36-2101, *Classifying Military Personnel (Officer and Enlisted)*.

5.5. Chief Enlisted Manager (CEM). CEM code is awarded when selected for promotion to Chief Master Sergeant.

6. Training Decisions.

The CFETP uses a building block approach (simple to complex) to encompass the entire spectrum of training requirements for the RPA Enlisted Pilot specialty. This CFETP was developed to include life-cycle (day 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 and eliminate a disjointed approach to training.

6.1. Initial Skills Training. A Course Training Standard (CTS) is used to align common core training amongst RPA Pilots. The initial skills training will be revised, as required, to provide training needed to prepare for RPA Enlisted Graduate positions.

6.2. Five Level Upgrade Training. Completion of initial and mission qualification training and a successful Form 8. AF

6.3. Seven Level Upgrade Training. Must complete all 3- and 5-skill level training requirements. No formal level upgrade training exists. The CSAF has approved a variance, eliminating the requirement for in-level training for all 1AXXX/1UXXX personnel.

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

CCAF provides the opportunity to obtain an Associate in Applied Sciences (AAS) in Aviation Degree. Enrollment in CCAF occurs upon completion of basic military training. Off-duty education is a personal choice but is highly encouraged. See the CCAF web site for program details regarding the AAS degree <http://www.au.af.mil/au/barnes/>. Additionally, see the Air Force Virtual Education Center website <http://afvec.dau.af.mil/afvec/>. In addition to its associate degree program, CCAF offers the following [Home.aspx](http://www.ccaf.af.mil/home.aspx) program,

7.1. Occupational Instructor Certification. CCAF offers the Occupational Instructor Certification to teach in a CCAF affiliated school. To qualify, instructors must complete an instructor course, Teaching Practicum, have two years teaching experience, hold an associate or higher degree, and be recommended by the commandant.

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 hours of CCAF-approved instructor methodology coursework and hold their career-field related CCAF degree or a civilian college degree before registration.

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

7.4. Degree Requirements. All Airmen are automatically entered into the CCAF program. The current program offers an associate in applied science degree from the CCAF for AFSC 1U1X1: Aviation Operations Degree. Prior to completing the 5-skill level must be awarded and the following requirements must be met:

Table 1 Degree Requirements

SubjectArea	SemesterHrs
Technical Education	24
Leadership, Management and Military Studies	6
Physical Education	4
General Education	15
Program Elective	15
Total	64

7.4.1. Technical Education (24 Semester Hours): Twenty-four semester hours are required to fulfill the education requirement. A minimum of 12 semester hours of technical core subjects or courses must be applied and the remaining semester hours applied from technical core or technical elective subjects or courses. Requests to substitute courses or to exceed specified semester hour values in any subject or course must be approved in writing by the Technical Branch at CCAF.

Table 2 Technical Core (12-24 Semester Hours)

Subject/Course	Max SemesterHrs
Air Transportation Principles	6
Aviation/Flight Safety	6
CCAF Specialty Internship	18
Flight Rules and Regulations	3
Introduction to Aviation/Aeronautics	3
Aircraft Principles and Procedures	24
Aircraft Systems	12
Aircrew Fundamentals	12
Trainer/Simulator/Flight Training	24

Table 3 Technical Electives (0-12 Semester Hours)

Subject/Course	Max SemesterHrs
Computer Science	6
Advanced Aircrew Principles	12
Advanced Flight Engineering	3
Aerodynamics	12
Aircraft Systems II	6
Aircrew Weight & Balance	12
Aircrew Fundamental II	6
Aviation Law	6
Climatology/Meteorology	6
Electricity/Electronics	6
FAA Airframe & Powerplant Certification	12
FAA Flight Engineer Certification	4
General Chemistry/AlgebraBased Physics	3
Human Factors in Aviation/Flight Physiology	3
Human Relations	12
FAA Private/Commercial Pilot Certification	1
OJT	

7.4.2. **Leadership, Management, and Military (LMMS) Studies (6 Semester Hours)** Professional Military Education and/or civilian management courses. CCAF General Catalog for application of civilian management courses.
See

7.4.3. **Physical Education (4 Semester Hours):** This requirement is satisfied by completion of Basic Military Training.

7.4.4. **General Education (15 Semester Hours):** Applicable courses must meet the criteria for application of courses to General Education Requirement (GER) and be in agreement with the definitions of applicable General Education subject areas as provided in the CCAF General Catalog .

Table 4 General Education Requirements

Subject/Courses	SemesterHours
Oral Communication(speech)	3*
Written Communication(English composition)	3*
Mathematics(intermediate algebra or college-level mathematics)	3
Social Science (anthropology, archaeology, economics, geography, government history, political science, psychology, sociology)	3
Humanities (courses in fine arts (criticism, appreciation, historical significance, foreign language, literature, philosophy, religion)	3
*Students enrolled in the 2017 catalog or later have the option to complete 6 hours of non-duplicative written communication (i.e., cannot be ENGL101 courses)	

7.4.5. **Program Elective (15 Semester Hours)** Satisfied with applicable Technical Education, Leadership, and Military Studies or General Education subject areas.

7.5. Additional off-duty education is a personal choice that is encouraged for all. Individuals desiring to become Education and Training Command Instructor should be actively pursuing an associate degree. A degreed faculty is to maintain accreditation through the Southern Association of Colleges and Schools.

8. Career Field Flow Charts.

Figure 1 1U1X1 Training Path 1 of 3 14

Figure 2 1U1X1 Training Path 2 of 3 15

Figure 3 1U1X1 Training Path 3 of 3 16

Figure 1 1U1X1 Training Path 1 of 3

Figure 2 1U1X1 Training Path 2 of 3

Figure 3 1U1X1 Training Path 3 of 3

8.1. The flow outlined in figure 1 (above) represents the formal training courses required for personnel becoming fully qualified as an RPA Enlisted Pilot. The locations, course lengths, and titles are subject to change. Changes updated in the Education Training Course Announcement by the course owner.

8.1.1. Personnel graduating from the Undergraduate RPA Pilot Training course are awarded AFSC 1U131 and are to wear the RPA Pilot badge. Wear and permanent awarding requirements of the RPA Pilot badge will be IAW AFI 11-402, Aviation and Parachutist Service Aeronautical Ratings and Badges and MAJCOM supplements.

Table 5 1U1X1 Enlisted Education and Training Path

Enlisted Education and Training Path					
Education and Training Requirements	GRADE REQUIREMENTS				
	Rank	Earliest Sew-on	Air Force Average	1U1X1 Average	High Year of Tenure (HYT)
Basic Military Training School (BMTS)					
Apprentice Technical School (3-Skill Level)	Amn A1C	6 months 10 months			
Upgrade To Journeyman (5-Skill Level) - Completion of Initial/Mission/Launch and Recovery Qualification Training	Amn A1C SrA				
Airman Leadership School (ALS)* - Resident graduation is a prerequisite for SSgt on (RegAF Only)	SrA	28 months	3 years	N/A	8 years
Upgrade To Craftsman (7-Skill Level) - Minimum rank of SSgt	SSgt	3 years	4.39 years	N/A	15 years
NCO Academy (NCOA)* - 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 on (RegAF Only)	TSgt	5 years	9.19 years	N/A	20 years
Senior NCO Academy (SNCOA)* - Must be a SMSgt, SMSgt select, or Non-selects to SMSgt (from highest WAPS score descending until class seats are filled)	MSgt	8 years	14.36 years	N/A	24 years
Upgrade to Superintendent (9-Skill level) - Minimum rank of SMSgt	SMSgt	11 years	18.40 years	N/A	26 years
Chief Leadership Course - Must be a CMSgt or CMSgt Select to attend	CMSgt	14 years	20.97 years	N/A	30 years
Chief Enlisted Manager (CEM) - Minimum rank of CMSgt - Completed SNCO Academy (RegAF only)					
* ARC personnel may satisfy EPME requirements via Distance Learning					
Current as of 23 Aug 18 Reference: AFI 36-2301 AFGM2016-01 <i>Developmental Education</i> ; AFI 36-2201 Air Force Training Program; and https://mypers.af.mil					

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 establishes the specialty qualification 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 defined in the STS and the Course Objective List at 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 is mandatory of theory of flight, air navigation, meteorology, flying directives, operating procedures, and mission tactics.

10.1.1.2. **Education.** For entry into this specialty, completion of high school with courses specializing in physical mathematics, administrative sciences, and/or management are desirable.

10.1.1.2.1. Minimum MAGE score of 64 (General) or 54 (Electrical).

10.1.1.3. **Training.** For award of AFSC 1U131, individuals must meet mandatory requirements listed in description in Air Force Specialized Classification Directory. Completion of Air Force Undergraduate Remotely Piloted Training (URT) is also required.

10.1.1.4. **Other.** The following are mandatory as indicated:

10.1.1.4.1. For entry of this AFSC, the following is mandatory:

10.1.1.4.1.1. Minimum score of 10 on the Pilot Candidate Selection Method.

10.1.1.4.2. For entry, award, and retention of this AFSC:

10.1.1.4.2.1. Normal color vision and depth perception as defined in AFI 48-123 *Medical Examination and Standard*.

10.1.1.4.2.2. Physical qualification for air vehicle operator duty according to AFI 48-123 *Medical Examination and Standards*.

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

10.1.1.4.2.4. Eligibility for a Top Secret security clearance according to AFI 31-501, *Personnel Security Management Program*. Note: Award of the entry level without a completed SSBI is authorized provided an interim Top Secret clearance is subsequently granted according to AFI 31-501.

10.1.1.4.2.5. Must maintain eligibility to deploy and mobilize worldwide.

10.1.2. **Training Sources.** Completion of URT satisfies the knowledge and training requirements specified in specialty qualification section (above) for award of the 3-skill level.

10.1.3. **Implementation.** Entry into training is accomplished by board selection and approved retraining from any After graduation from 3-AFSC awarding course, initial qualification (IQT) begins when the individual enters formal flight training. Thereafter, 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 1U131 apply to the 1U151 requirements.

10.2.1.1. **Knowledge.** In addition to knowledge required for the 3-level and other qualifications as listed individual must possess the knowledge and skills necessary to operate and maintain RPA systems. Completion of qualification criteria in initial assigned aircraft is mandatory, which is attained by completion of qualification training and a successful form 8.

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

10.2.1.3. **Training.** Completion of the following is mandatory for award of the 5-skill level:

10.2.1.4. **Experience.** Qualification in and possession of AFSC 1U131. In addition, the trainee must complete as listed in the applicable MIA/GMTs aircrew training directives, initial qualification training (IQT), a qualifying form 8, and completion of mission qualification training (MQT).

10.2.1.5. **Other.** See paragraph 10.1.1.4

10.2.2. **Training Sources.** Completion of IQT, a qualifying form 8, and MQT.

10.2.3. **Implementation.** Entry into journeyman upgrade is accomplished after the individual completes URT and begins 1 of initial qualification training.

10.3. Craftsman 7-Level Training:

10.3.1. **Specialty Qualification.** All 1U131 and 1U151 qualifications apply to the 1U171 requirements.

10.3.1.1. **Knowledge.** In addition to knowledge required for the 5-skill level and other qualifications as listed individual must possess the aircrew management principles, knowledge, and supervisory skills necessary to personnel, and operate and maintain RPA systems.

10.3.1.2. **Education.** To assume the grades of SSgt through MSgt, individuals must be graduates of the ALS and minimum the Enlisted Professional Military Education Distance Learning commensurate with Time in Service, respectively. AFMFI 36-2301 *Developmental Education*.

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

10.3.1.4. **Experience.** Qualification in and possession of AFSC 1U151 is mandatory as an RPA Enlisted Pilot Journeyman.

10.3.1.5. **Other.** See paragraph 10.1.1.4.

10.3.1. **Training Sources.**

10.3.2. **Implementation.** Trainees selected for promotion to SSgt will enter 7-level upgrade training (UGT) the first day of promotion cycle, (1 September each year). Exceptions includes Stripes for Exceptional Personnel (STEP) promotes, retrainees, and out-of-cycle/supplemental promotions. Enter STEP promotes into 7-skill level UGT upon the date of promotion to SSgt. SSgt and above, are entered into 7-skill level UGT upon award of the 5-skill level. Personnel selected out-of-cycle for promotion SSgt will enter 7-skill level UGT the first day of the following month of announced promotion.

10.4. Superintendent 9- Level Training:

10.4.1. Specialty

Qualification.

10.4.1.1. **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 and management of assigned personnel and resources.

10.4.1.2. **Education.** Completion SNCOA (RegAF: In-Residence; ARC: In-Residence or DL) commensurate with requirements. Additionally, at this level, award of the Community College of the Air Force (CCAF) Associate of Applied Science degree in this field is the Air Force standard.

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

10.4.1.4. **Experience.** Qualification in and possession of AFSC 1U171. Also, experience in directing functions pertaining to Enlisted Pilot activities. Experience in the management of aircrew operations and aircraft systems is mandatory. Additionally, experience is mandatory in the performance of supervisory and management functions.

10.4.1.5. **Other.** See paragraph 10.1.1.4.

10.4.2. Training Sources.

10.4.3. Implementation.

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 manpower. 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 the location, office of primary responsibility, and target completion dates. Resource constraints will be reviewed and updated annually.

12. Apprentice Level Training.

None Identified.

13. Journeyman Level Training.

None identified.

14. Craftsman Level.

None identified.

BY ORDER OF THE SECRETARY OF THE AIR FORCE

OFFICIAL

ERIC N. RIGBY, CMSgt, USAF
Career Field Manager
AF/A3TF, Total Force Aircrew Management

PART II

Section A - Course Training Standards (CTS)

1. Implementation

The CTS for all three courses under the URT training program will be used for technical training provided by AETC for classes beginning January 2017.

2. Purpose.

The CTS sections and tables, in the syllabi of the URT training program:

2.1. Lists the tasks, knowledge, and technical references (TR) necessary for airmen to perform in the 3- skill level AFSC in the Remotely Piloted Aircraft Enlisted Pilot field. These are based on an analysis of the duties listed in Air Force Enlisted Classification Directory.

2.2. 3-skill level and 5-skill level shows formal training and mission specific training requirements as ETCA at <https://www.afsc.randolph.af.mil/> and unit specific mission sets. There is no advanced course. There are no CDCs for this AFSC.

2.3. **Requirements.** The syllabi for URT contain the required proficiency levels used to indicate the completion of training. The three courses are RPA Initial Flight Training (RFT), RPA Instrument Qualification (RIQ), and RPA Fundamentals Course (RFC). The CTS tables and proficiency requirements will be referenced in the following syllabi:

- Remotely Piloted Aircraft (RPA) Pilot Initial Flight Training, AETC Syllabus U-P2A-A
- Undergraduate Remotely Piloted Aircraft Instrument Qualification (RIQ), AETC Syllabus U-P3A-A
- Remotely Piloted Aircraft Fundamentals Course (RFC), AETC Syllabus U-P4A-A

2.4. The CTS from each syllabus will be utilized as a guide for development of promotion tests used in the Air Force Promotion System (WAPS). Specialty Knowledge Tests (SKTs) are developed at the USAF Occupational Measurement Squadron by senior NCOs with extensive practical experience in their career fields. The tests with knowledge of STS subject matter areas judged by the development team members to be most appropriate for higher grades. Questions are based on study distributed in the WAPS study catalog. Individual responsibilities are defined in AFM 2005.

3. Recommendations

Report unsatisfactory performance of individual course graduates to 558th Fly Training Squadron, 330 H Street West Band, Randolph AFB, TX 78150-4504. Please reference specific STS paragraphs when submitting recommendations.

1 Attachment:

1. CFETP Career Path Chart (1U1X1)

Section B - Course Objective List

4. Advanced Skills Course.

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

Section C - Support Material

5. Support Materials.

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

Section D - Training Course Index

6. Purpose.

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

Table 6 Air Force In-Residence Courses

COURSE NUMBER	COURSE TITLE	LOCATION
U-P2A -A	RPA Initial Flight Training (RFT)	Pueblo, CO
U-P3A -A	RPA Instrument Qualification (RIQ) Course	Randolph AFB, TX
U-P4A -A	RPA Fundamental Course(RFC)	Randolph AFB, TX

Table 7 Air Force Institute for Advanced Distributed Learning (AFIADL) Courses

COURSE NUMBER	COURSE TITLE
RESERVED	RESERVED

Section E - MAJCOM Unique Requirements

The following list of MAJCOM unique requirements is not all-inclusive; however, it covers the most frequently referenced.

Table 8 Flying/Simulator Training

COURSE NUMBER	COURSE TITLE	LOCATION(S)
RQ4BQT	RQ-4 Pilot Basic Qualification Training Course	Beale AFB, CA; Grand Forks AFB, ND
RQ4IPUG	RQ-4 Instructor Pilot Upgrade Training Course	Beale AFB, CA; Grand Forks AFB, ND
NOTE: Please reference <i>Education & Training Course Announcements</i> for most updated Course Number and information: https://www.af.mil/Currentasof23August2018		

Table 9 Air Education and Training Command Courses

COURSE NUMBER	COURSE TITLE	LOCATION
L3AIRTXXXX 0B1A	Basic Instructor Course(BIC)	Lackland AFB, TX
E6AZU3S200 015	CDC Writer	CBT Course
E6AILTXXXX 011A	Principles of Instructional System Development	CBT Course

Section F - MAJCOM Unique Resource Requirements

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

REFERENCE LIST

The following references can be found at **Air Force e-Publishing** webpage: <http://publishing.af.mil/>

AFI 11-202 Vol 1, AIRCREW TRAINING, 22 NOV 2010

AFI 11-202 Vol 2, AIRCREW STANDARDIZATION/EVALUATION PROGRAM, 13 SEP 2010

AFI 11-202 Vol 3, GENERAL FLIGHT RULES, 10 AUG 2016

AFI 11-401, AVIATION MANAGEMENT, 10 DEC 2010

AFI 11-402, AVIATION AND PARACHUTIST SERVICE, AERONAUTICAL RATINGS AND AVIATION BADGES, 13 DEC 2010

AFI 11-412, AIRCREW MANAGEMENT, 10 DEC 2009

AFI 36-2201, AIR FORCE TRAINING PROGRAM, 15 SEP 2010

AFI 48-123, MEDICAL EXAMINATIONS AND STANDARDS, 05 SEP 2013 (19 SEP 16 Changes)

The following reference can be found at **Air Force Personnel Services** webpage: <http://ask.afpc.randolph.af.mil/>

AIR FORCE ENLISTED CLASSIFICATION DIRECTORY (AFECD), updated quarterly – select “View Force management Programs” and search “AFECD”.

The **Education & Training Course Announcements (ETCA)** can be found at webpage: <https://etca.randolph.af.mil/>

Attachment 1

