Air Force Airframe and Powerplant (A&P) Certification Program

Introduction:

Most military aircraft maintenance technicians are eligible to pursue the Federal Aviation Administration (FAA) Airframe & Powerplant (A&P) certification based on documented evidence of 30 months practical aircraft maintenance experience in airframe and powerplant systems per Title 14, Code of Federal Regulations (CFR), Part 65- *Certification: Airmen Other Than Flight Crew Members*; Subpart D-Mechanics.

The Air Force A&P Certification Program was developed to bridge gaps between a technician's Air Force education, training and experience and FAA eligibility requirements per Title 14, CFR Part 65.77. This FAA-approved program is a voluntary program which benefits the technician and the Air Force, with consideration to professional development, recruitment, retention, and transition. Completing this program, outlined in the program Qualification Training Package (QTP), will assist technicians in meeting FAA eligibility requirements and being better-prepared for the FAA exams.

Three-Tier Program: The program is a three-tier training and experience program. These elements are required for program completion and are important for individual development, knowledge assessment, meeting FAA certification eligibility, and preparation for the FAA exams:

- Three Online Courses (02AF1-General, 02AF2-Airframe, & 02AF3-Powerplant).
- On the Job Training (OJT) – Qualification Training Package (QTP).
- Documented evidence of 30 months practical experience in airframe and powerplant systems.

Program Eligibility:

Active duty, guard and reserve technicians who possess at least a 5-skill level in one of the following aircraft maintenance AFSCs are eligible to enroll: 2A0X1, 2A090, 2A2X1, 2A2X2,

2A2X3, 2A3X3, 2A3X4, 2A3X5, 2A3X7, 2A3X8, 2A390, 2A300, 2A5X1, 2A5X2, 2A5X3, 2A5X4, 2A590, 2A500, 2A6X1, 2A6X3, 2A6X4, 2A6X5, 2A6X6, 2A690, 2A691, 2A600 (except AGE), 2A7X1, 2A7X2, 2A7X3, 2A7X5, 2A790, 2A8X1, 2A8X2, 2A9X1, 2A9X2, and 2A9X3.

- Note: Technicians who previously gained FAA authorization to test for A&P certification are not required to enroll and complete this program.

- Technicians who re-trained/commissioned out of aircraft maintenance are eligible to enroll provided they were awarded the 5-skill level in an AF A&P Program eligible aircraft maintenance AFSC. Per the FAA, aircraft maintenance experience never expires.

Program Enrollment

To be enrolled in the 3 online courses (General, Airframe, & Powerplant) you must fill out and email the Air Force Airframe & Powerplant Certification Program Enrollment form to ccaf.faa@us.af.mil. Once the enrollment form is received, CCAF will generate a Canvas student account for the member and will forward the member the course link and their student account username and password. **Please see page 6 of this process letter for the enrollment form.**

Note: Technicians, who have completed civilian coursework, acceptable to CCAF, are not required to complete the A&P Online Courses. Example: completing the Embry-Riddle Aeronautical University's six "Type 65" courses satisfies the A&P Specialized Course requirement. If civilian courses are not reflected on the technician's CCAF academic record, the technician must provide a copy of the transcript reflecting course completion.

Note: Technicians who possess a single FAA mechanic certificate rating (Airframe or Powerplant), and are participating in this program to pursue an additional rating, are not required to complete General (02AF1) and the online course applicable to the rating previously awarded. Example: if you possess the FAA Powerplant certification, you are not required to complete General (02AF1) and Powerplant (02AF3). The only course required to complete is Airframe (02AF2).
Having a signed 8610-2 from the FAA is not the same as having a rating.

Each course quiz requires a minimum passing score of 70%. When members complete all of the required courses, they will notify the CCAF Credentialing Section at ccaf.faa@us.af.mil of course completion and CCAF/DEAL program managers will then build a Qualification Training Package (QTP) that coincides with the member's AFSC. CCAF will evaluate all FAA-applicable AF and civilian coursework reflected on the technician's CCAF academic record. All applicable tasks are credited based on the evaluation. The QTP includes the CG-G-EAE-2 Form, *FAA Certification Performance of Job Tasks*; CG-G-EAE-3 Form, *Joint Military Services Airframe and Powerplant Program*; and instructions for completing program requirements.

Note: Since Level 1 and level 2 tasks only require the completion of the online course, they have been removed from the QTP.

- All open **OJT** items on the QTP are the member's responsibility to complete and must be done IAW trainer/certifier requirements. Trainer/certifier requirements may be found on page 1 of the CG-G-EAE-3 form (QTP).

Online A&P Course Access:

- The online course link is https://lms.au.af.edu/login/canvas

- Once members have access to Canvas they will utilize the provided username and password to access the courses. You will be invited into the courses so you will have to accept the invite. Once you accept the invite, you will click on the applicable course icon and begin the course by navigating through the modules. The course will not let you skip ahead. You must complete one module before you can go to the next.

- The time limit to complete the course is no more than 6 months. Members will be removed from the course if they are not actively completing the online courses or if they have not logged in for 30 days. If removed from the courses and would like to reenroll the member can do so but will have to re-start at the beginning of the courses. Waivers can be granted on a case by case basis for non-progress and 30 day login. (Deployment, TDY, ECT.) If members are going to go over the time limits please contact the CCAF Credentialing office by phone at 334-649-5020 or email at ccaf.faa@us.af.mil.

- The A&P online courses should be completed sequentially, beginning with 02AF1- Airframe and Powerplant Mechanic-General, and then continue through Airframe (02AF2) and Powerplant (02AF3).

Program Graduation

- Technicians must complete all QTP requirements and have 30 months of practical aircraft maintenance experience for CCAF to issue the CG-G-EAE-4 Form, *Certificate of Eligibility*.

- After completing all QTP requirements, the technician's unit maintenance officer must sign the verification statements within the QTP, verifying completion of training/experience requirements.

- The technician may scan and email all completed documents and send it to ccaf.faa@us.af.mil for processing. These documents must be sent form a .mil domain because of PII.

- The technician may also mail a copy of the completed CG-G-EAE-2 Form, CG-G-EAE-3 Form if they do not have access to a .mil email to:
  Community College of the Air Force
  Credentialing Programs CCAF/DEAL
  100 South Turner Blvd
  Maxwell-Gunter AFB AL 36114-3011

- The CCAF program manager will verify the technician's program completion and FAA eligibility. If all requirements are met, the Program Director will issue a CG-G-EAE-4 Form, *Certificate of Eligibility* and a FAA Form 8610-2*, Airman Certificate and/or Rating Application*.

FAA Authorization: An interview/authorization to test from the FAA is **NO LONGER REQUIRED** for members with a properly signed Certificate of Eligibility (CG-G-EAE-4). The member is authorized to take the written and oral/practical exams for the ratings identified on the certificate.

FAA A&P Certification Exams: FAA A&P certification consists of a dual examination process that validates the technicians' aircraft maintenance knowledge and skills. Three computer-based Knowledge exams test the technician's knowledge. The Oral and Practical (O&P) exams test the technicians' skills.

- **Knowledge Exams:** When ready to take the first FAA exam (General), determine if the base education center is an FAA Testing Center.
  https://www.faa.gov/training_testing/testing/media/faacenters.pdf

- If the base education center is an approved FAA Testing Center, the individual can schedule a test date. After passing the General exam and ready to take subsequent exams (Airframe or Powerplant), contact the base education center to schedule a test date. The Knowledge exams are administered at no cost to eligible members.

- If the base education center is not an FAA approved testing facility, access the Airmen Knowledge Testing Center List at: http://www.faa.gov/training_testing/testing

  1. Click on "Knowledge Testing."
  2. Click on "Commercial Testing Center List."

- When reporting for testing, the technician must provide the testing administrator the signed FAA Form 8610-2 or CG-G-EAE-4 Form (Certificate of Eligibility) and military ID. A 70% is needed to pass each knowledge exam.

Note: Practice Exams are available at the end of each of the online courses to help you prepare for the actual FAA A&P certification Knowledge exams. To access the Practice Exercises you must complete the online courses.

- **Oral and Practical (O&P) Exams:** After passing the three Knowledge exams, contact an FAA Designated Mechanic Examiner (DME) to schedule the O&P exams.
  1. An FAA DME listing is available at http://av-info.faa.gov/DesigneeSearch.asp and provides contact information for all authorized DMEs located within each state.
  2. Present the signed FAA Form 8610-2 or CG-G-EAE-4 Form and all FAA A&P Knowledge exam score sheets, reflecting a passing grade for each section, to the DME.
  3. Upon successful completion of the O&P exams, the DME will issue a temporary certificate. The FAA will issue a permanent certificate within 120 days. The technician is responsible for the O&P exam fees.

Note: All FAA A&P exams must be completed within 24 months from the date the first Knowledge exam is administered. Technicians who do not complete the certification process within 24 months after the first Knowledge exam is administered must retake the expired.

Montgomery GI Bill: Technicians participating in the Montgomery GI Bill may be reimbursed for costs of the A&P Knowledge and O&P exams. Visit http://gibill.va.gov/benefits/index.html for more information.

AF COOL: Technicians may now utilize Air Force Credentialing Opportunities Online (AF COOL) to pay for all exam fees associated with obtaining the Airframe and Powerplant License. This includes all three written exams (General, Airframe, and Powerplant), the oral exam, and the practical exam.

  1. AF COOL can be accessed by navigating to the AF Portal and clicking on "Air Force Virtual Education Center" (AFVEC) under "Career & Training" at the top of the page.
  2. Once inside AFVEC, click "AF COOL" at the top of the page.
  3. Select "Search AFSC related Credentials" and then search for Mechanic (Airframe and Powerplant). Click "Make This My Goal" and follow further instructions.

If there are any questions or concerns regarding AF COOL, please contact DSN 749-5115 or email ccaf.cool@us.af.mil

CCAF Collegiate Credit: Upon receipt of the permanent certificate, visit the base education center to submit the appropriate documentation to CCAF at ccaf.faa@us.af.mil to add the FAA A&P certification to your CCAF academic record.

Benefits of the Air Force A&P Certification Program:

- Supports professional development; develops a more <u>diverse</u> and <u>qualified</u> aircraft maintenance technician.
- CCAF awards 30 semester hours of collegiate credit for both ratings and 18 semester hours of collegiate credit for a single rating.
- Supports recruiting and retention initiatives.
- Employment opportunities during transition to civilian life.

For more information, contact the CCAF Credentialing Programs Flight at DSN 749-5020 /(334) 649-5020 or e-mail ccaf.faa@us.af.mil

Air Force Airframe & Powerplant
Certification Program Enrollment

Note: Individuals previously approved for testing by the FAA do not need to enroll in this program.

Last Name:		**First Name:**	
Middle Name:		**Rank:**	
AFSC:		**SSAN:**	
Unit:		**Home Address:**	
Unit Address:		**City:**	
Base:		**APO/State:**	
Zip Code:		**Zip Code:**	
Work Phone:		**Home Phone:**	
Mil E-mail:		**Date of Birth:**	
Home E-mail:		**Service Comp:** (Active Duty / Guard / Reserve)	
Comments:			

General: Y/N	Airframe: Y/N	Powerplant: Y/N