

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, career 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. Completion of this program, outlined in the programs Qualification Training Package (QTP), will assist technicians in meeting FAA eligibility requirements and being better prepared for the FAA exams.

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 On-line Courses (APG-480S General, APA-481S Airframe, & APP-482S Powerplant).
- On the Job Training (OJT) and 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: Some 2A AFSCs may not appear on the list due to recent career field changes and mergers. If your AFSC is not listed but you believe your career field aligns with the program, please contact the Org Box listed for guidance.

- 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.

Program Enrollment:

To be enrolled in the three online courses (General, Airframe, and Powerplant), you must complete the Air Force Airframe & Powerplant Certification Program Enrollment Form and email it to ccaf.faa@us.af.mil. Once your form is received, CCAF will request the creation of your Canvas student account. You will then receive an email containing the course link to complete onboarding and self-enroll in the courses within 7 duty days.

Please refer to pages 5–6 of this process letter for detailed instructions and the enrollment form.

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

Technicians who have completed civilian coursework accepted by CCAF are not required to complete the A&P Online Courses. For example, completing Embry-Riddle Aeronautical University’s six “Type 65” courses satisfies the A&P Specialized Course requirement. If these civilian courses are not reflected on the technician’s CCAF academic record, the technician must provide a transcript showing successful course completion.

Note: Technicians who already hold a single FAA mechanic certificate rating (Airframe or Powerplant) and are participating in this program to earn an additional rating are not required to complete General (APG-480S) or the online course associated with the rating they already possess. For example, if you currently hold the FAA Powerplant rating, you are not required to complete General (APG-480S) or Powerplant (APP-482S); the only required course is Airframe (APA-481S).

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%. Once all required courses are completed, members must notify the CCAF Credentialing Section at ccaf.faa@us.af.mil. After notification, CCAF Credentialing Program Managers will send the Qualification Training Package (QTP), along with instructions for completion and program requirements. The QTP includes the **G-G-EAE-2, FAA Certification Performance of Job Tasks**; the **G-G-EAE-3, Joint Military Services Airframe and Powerplant Program**; and detailed instructions for completing all 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 members responsibility 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:

We are currently phasing out the legacy Learning Management System (LMS) and transitioning to the newer Arizona State University (ASU) Canvas LMS. Members who were previously enrolled in the legacy system may continue and complete the program there; they are not required to re-enroll in the new LMS. However, they may choose to transition if they prefer.

Note: Progress does not transfer between the two systems, and members who opt to re-enroll in the ASU Canvas LMS will be starting the coursework from the beginning.

- The online course link for the legacy system is <https://lms.au.af.edu/login/canvas>.
- The online course link for the new system is <https://lms-cesys-dev-1.apps.asu.edu/login>.

Once members have completed the ASU onboarding process and their Canvas account has been created, they will receive an email containing the course link. Members must use this link to access the ASU Canvas dashboard and self-enroll in each required course. After enrolling, members can begin by selecting the course tile and navigating through the modules. ASU Canvas uses a structured progression format, meaning students cannot skip ahead; each module must be completed in sequence before the next one unlocks.

Each ASU Canvas A&P course (APG-480S General, APA-481S Airframe, and APP-482S Powerplant) has a 6-month completion window, with an automatic one-time 6-month extension applied if additional time is needed. This provides members with up to 12 months per course.

Note: If a member anticipates exceeding the full 12-month window for any course due to circumstances such as deployment, TDY, or other mission-related obligations, they must contact the CCAF Credentialing Office at ccaf.faa@us.af.mil for guidance.

- The A&P Online courses do not need to be completed sequentially; members can begin with either of the three courses.

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 (COE).

- 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.
- Technicians may complete the QTP either digitally, by hand, or by using a combination of both methods. If completing the QTP using both handwritten and digital entries, digital signatures must be applied last before the documents are emailed to ccaf.faa@us.af.mil. Printing after digital signatures have been applied will invalidate the digital signature.

Note: Documents must be sent from a .mil domain because of PII.

- 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 (COE) and an UNSIGNED FAA Form 8610-2, Airman Certificate and/or Rating Application.

FAA A&P Certification Exams:

FAA A&P certification requires a dual examination process that validates both the technician's aviation maintenance knowledge and hands-on skills. The certification pathway includes:

- Three computer-based Knowledge Exams (General, Airframe, and Powerplant), which assess technical knowledge.
- Followed by the Oral and Practical (O&P) exams, which evaluate the technician's applied skills and proficiency.

Knowledge Exams:

When you are ready to take your first FAA written exam (General), begin by checking whether your base education center is an authorized FAA Testing Center. You can verify this and schedule all FAA knowledge exams through the PSI website:

<https://faa.psiexams.com/faa/login>

- If your base education center is listed as an approved testing location, you may schedule your exam at no cost. After passing the General exam, use the same PSI link to schedule your remaining exams (Airframe and/or Powerplant).

Note: Base education centers administer FAA knowledge exams at no cost. The PSI website also lists civilian testing centers; however, these locations may charge testing fees.

- When reporting for testing, the technician must provide the testing administrator with a signed FAA Form 8610-2 **or** a 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 <https://designee.faa.gov/designeeLocator> and provides contact information for all authorized DMEs located within each state.
2. Present a signed **FAA Form 8610-2** **or** **CG-G-EAE-4 Form (*Certificate of Eligibility*)** 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.

- 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.
- Once inside AFVEC, click “AF COOL” at the top of the page.
- Select ‘Search’ AFSC related ‘Credentials’ and then search for Mechanic (Airframe and Powerplant). Click ‘Make’ This My ‘Goal’ and follow further instructions.

Note: If there are any questions or concerns regarding AF COOL, please contact AF COOL through the AFVEC messenger 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 diverse and qualified 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.

AU Student Number Retrieval Instructions

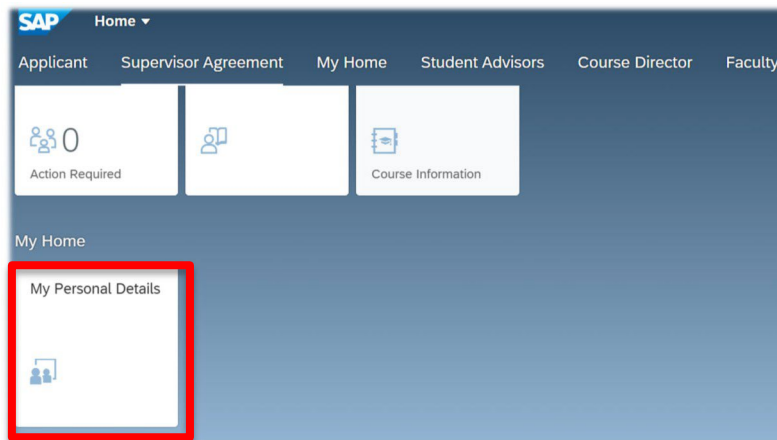
(Required for ASU Canvas Enrollment)

Step 1: Access the AU Portal

Go to: <https://aueems.cce.af.mil/sap/bc/ui2/flp?/#Shell-home>

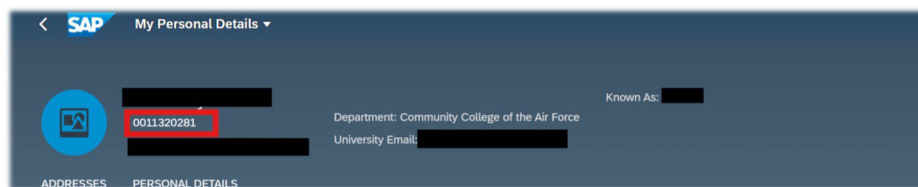
Step 2: Navigate to Personal Details

- Scroll down the homepage.
- Select Personal Details.



Step 3: Locate Your Student Number

- On the Personal Details page, find the number highlighted in the red box.
- This is your AU Student Number.



Step 4: Enter Your Student Number

- Copy and paste this number into the designated field on the JSAMTCC Enrollment Form.
- This number is now required to enroll you into the new ASU Canvas LMS.

Notes:

- Ensure accuracy when entering your AU Student Number.
- If you encounter issues accessing the AU Portal, contact the JSAMTCC program office for assistance.



Air Force Airframe & Powerplant Certification Program Enrollment

Note:

Form may be filled out digitally or by pen. However, illegible enrollment forms will be rejected. Individuals previously approved for testing by the FAA do not need to enroll in this program.

Last Name:		First Name:	
Middle Name:		Rank:	
AFSC/MOS:		SSAN:	
Unit:		Home Address:	
Unit Address:		City:	
Base:		APO/State:	
Zip Code:		Zip Code:	
Work Phone:		Home Phone:	
DOD ID:		Date of Birth:	
Mil E-mail:		Service Comp: (Active Duty / Guard / Reserve)	
Home E-mail:			
AU Student ID:		Branch Of Service: (Army/Air Force/ Navy/ Marine)	
General: Y/N		Airframe: Y/N	Powerplant: Y/N
Comments:			