



Aviation Merit Badge

Hiller Aviation Museum

Aviation Careers



Aviation Careers

(Requirement 5)

- Find out about three career opportunities in aviation. Pick one and find out the education, training and experience required for this profession. Discuss this with your counselor, and explain why this profession might interest you.

Aviation Career Assignment

- Review slides for at least three aviation careers.
- Select one and research job requirements.
- Complete the Aviation Career worksheet and submit as indicated.
- Participate in Aviation Careers discussion with instructor during Aviation Merit Badge program.



Aviation Career Assignment

- Pilot
 - Flight Instructor
 - Corporate Pilot
 - Government Aviation
 - Airline Career
- Dispatcher
- Mechanic
- Air Traffic Controller
- Engineer



Professional Pilots

- Many jobs available besides airline pilots.
- Commercial Pilot Certificate required
- Various flight hour requirements necessary
- Special ratings (multi-engine, instrument, seaplane, etc.) may be needed



Commercial Pilot (Certificate)



- 250 hours total flight time
- 100 hours Pilot in Command (PIC)
- Second Class Medical Certificate
- Wide range of jobs available

Certified Flight Instructor (CFI)

- 18 years old
- Read, speak, write and understand English
- Pass FAA knowledge, practical and oral tests
- Hold instrument rating
- Hold Commercial or Airline Transport Pilot certificate



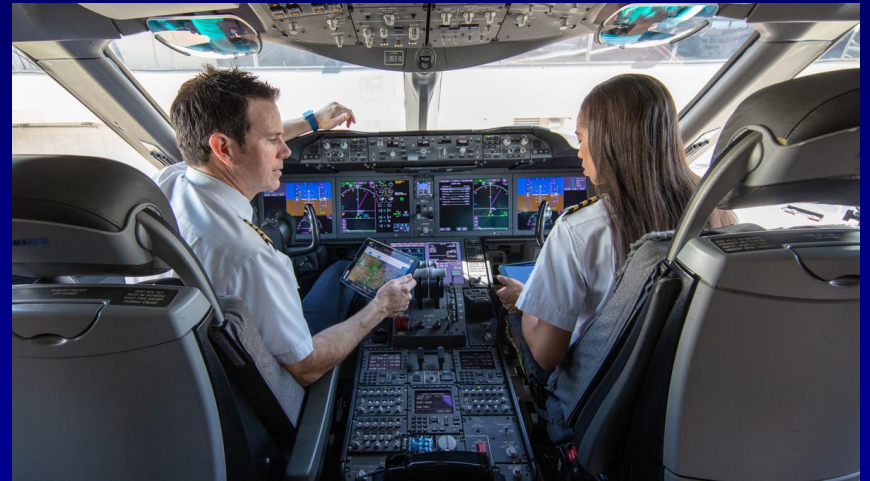
Military Pilot



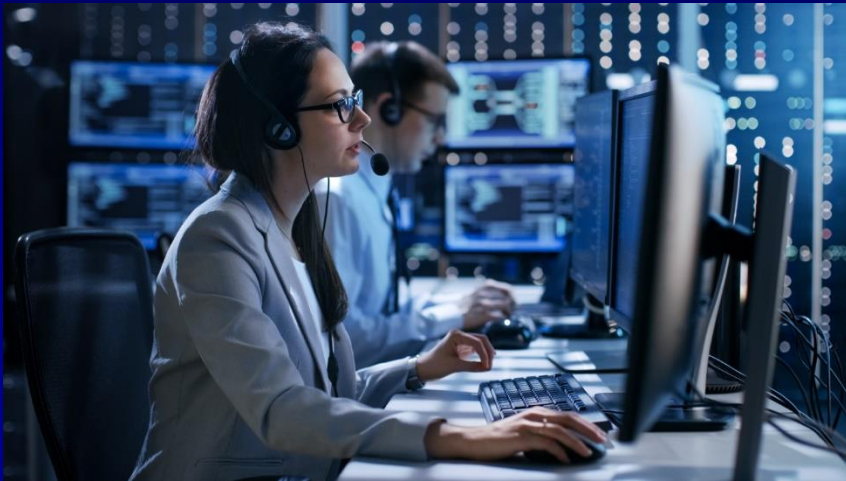
- Bachelor's Degree and officer's commission required for most services
- Two years military and flight training
- Aircraft assignments are not guaranteed
- Enlistment commitments of 10 years + length of training (USAF)

Airline Transport Pilot (Certificate)

- 23 years old
- 1500 hours flight time
- 500 hours cross-country
- 250 hours Pilot in Command
- 50 hours multi-engine
- First Class Medical Certificate
- Bachelor's or AA degree preferred



FAA Dispatcher



- Responsible for planning and coordinating flight operations
- 23 years old
- High school graduate
- Read, write and communicate in English
- 200 hours ground instruction
- Pass FAA Dispatcher test

Aircraft Mechanic

Maintenance and Repair

- Two Years Vocational College
- Airframe & Powerplant (A&P) Certificate
- 18-30 Months Experience
- General, Military & Commercial Aviation



Air Traffic Controller

Tower, Approach and Enroute Controllers



- 4 Year Degree or Equivalent Experience
- FAA-Approved Education Program
- 8-Hour ATC Exam
- 12 Week Training at Oklahoma City

Aeronautical Engineer

Aircraft Design



- Four Year Degree
 - Mechanical Engineering
 - Aeronautical Engineering
 - Electrical Engineering
- Applied Science
- Strong Math Skills
- Job Locations
 - Seattle
 - Kansas
 - Southeast
 - Southern California

Aviation Career Assignment

- Research one career in aviation.
- What are the training and education requirements?
- What are the day to day responsibilities?
- Why is this career of interest to you?
- Complete Aviation Careers worksheet and submit via email.

