

What is the Valley ROP Aviation Maintenance Program?

- A hands-on program designed to give students and introduction to Aviation Maintenance through the use of lab and lecture.
- AMT is a regional program offered to seniors at Kingsburg, Orange Cove, Parlier, Reedley, Sanger, & Selma high schools.
- Classes will be taught at the Reedley College campus from 1:30-3:30 daily. (students must be able to provide their own transportation)
- Students earn college credit through the articulation with the Reedley College. Successful completion of the VROP course will replace 1 semester of the 4 semester FAA certification program at Reedley College.
- Unique opportunity—No other program in California offers FAA time to high school students

Do you enjoy fixing mechanical objects?

Are you the type of person who likes taking things apart and putting them back together?

Are you interested in a steady and well-paying career?

If your answer is YES! then explore this exciting career by taking the Valley ROP Aviation Maintenance Technology course next year.

**Interested?
Talk To Your High School Counselor and enroll TODAY!**

Aviation Maintenance Technology

Explore A Career That Takes You To New Heights!

A Regional Program offered by Valley ROP in conjunction with Reedley College

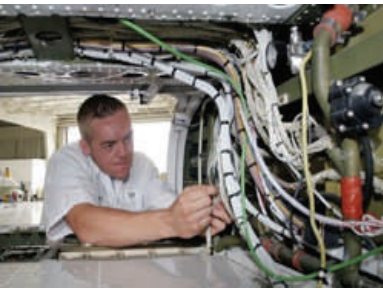


What Does An Aircraft Mechanic Do?

Aircraft Mechanics have the important responsibility of keeping planes operating safely and efficiently. They service, repair, overhaul and test aircraft. By taking the Aviation Maintenance Technology course your senior year you can begin your training as Airframe and Power plant Technicians, often called A & Ps.

Airframe and Power Plant Mechanics work on various parts of the aircraft. The airframe includes the wings, fuselage, brakes, tail assembly, and the oil and fuel tanks. The power plant is the engine and the propellers (if used) of the aircraft.

Aircraft Mechanics who work on private planes or for charter airlines usually perform a variety of duties and have more responsibility than mechanics employed by scheduled airlines. Those working for the scheduled airlines most often have specialized work assignments, which tend to be more routine.



Mechanics who have become inspectors are included in the occupation. They inspect aircraft and

systems repairs, making sure that work is done according to standards. They also certify craft airworthiness.

Some of the important tasks Aviation Maintenance Technicians may perform include:

- Adjust, align, and calibrate aircraft systems using hand tools, gauges and test equipment.
- Examine and inspect engines or other components for cracks, breaks, or leaks.
- Test engine and system operations using test equipment.
- Listen to engines to detect and diagnose malfunctions.
- Use tools such as ignition analyzers, compression checkers, distributor timers, and ammeters.
- Take apart and inspect parts for wear, warping, or other defects.
- Maintain aircraft systems by flushing crank-cases, cleaning screen, greasing moving parts, and checking brakes.
- Assemble and install electrical, plumbing, mechanical, hydraulic, structural, parts, and accessories.
- Use hand tools and power tools.
- Remove or install engine using hoist or forklift truck.
- Read, understand, and work from aircraft maintenance manuals and specifications.
- Modify air or spacecraft systems, or components.
- Ride aircraft and make necessary in-flight adjustments and corrections.

The Aviation Maintenance Program Reedley College



The Federal Aviation Administration (FAA) certifies all aircraft mechanics. For an Airframe or Powerplant license, the FAA requires graduation from an FAA-approved school like Reedley College.

Reedley College is an FAA-approved school and has offered Aviation Maintenance Technician courses for more than 50 years. Students can earn an Associate in Science degree or a Certificate. Graduates of our program are prepared to take the FAA exams required for certification. As an added feature, the federally regulated oral, practical and written exams may be taken on-site at Reedley College.

State-of-the-art facilities of our program include a 22,000 square foot laboratory with adjacent classrooms, our own fleet of aircraft and helicopters, and a landing and takeoff access strip for flying aircraft in and out of the facility.