

Aviation Support Equipment Technician (AS)



These technicians operate, maintain, repair and test automotive electrical systems in ground equipment, gasoline and diesel systems, and associated automotive, hydraulic and pneumatic systems. They also maintain gas turbine compressor units, ground air-conditioning units, perform metal fabrication, repair and painting of tow tractors and other aircraft servicing units.

What they do

- Automotive electrical and mechanical repair;
- Inspect, test and repair electric generators, motors, hydraulic, pneumatic, and transmission systems;
- Gasoline and diesel engine repair and tune-up;
- Manufacture and install belts and hoses;
- Body work, minor welding and painting;
- Brake service and repair;
- Service and repair refrigeration and air conditioning systems;
- Train and test people in vehicle operation.

Credit Recommendations

The American Council on Education recommends that semester hour credits be awarded in the vocational certificate or lower-division bachelor's/associate's degree categories for automobile electricity, basic electricity, diesel engines, hydraulic brakes and basic shop practices courses taken in this rating.

Qualifications and Interests

Important qualifications for people interested in this rating include above average competence with

tools, equipment, machines and

Career Path After Recruit Training

Enlistees are taught the fundamentals of this rating through on-the-job training or formal Navy schooling. Advanced operational training is available in this rating during later stages of career development.

School	Present Location	Approximate Training Time	Subjects	Training Methods
Class "A" Technical School	Pensacola, FL.	Approximately 17 Weeks	Aviation basic theory and basic skills required for rating	Group instruction, classroom and shop After completion of "A" school, AS's will normally attend an equipment specific "C" school prior to being assigned to their first unit.

AS's may be assigned to aircraft carriers, to naval air stations or other aviation activities on shore in the United States or overseas. During a 20-year period in the Navy, AS's spends about 40 percent of their time assigned to fleet units and 60 percent to shore stations.

record keeping; be physically fit and possess manual dexterity. The ability to relate well with others, work as a team member, do repetitive tasks and perform detailed work is also helpful. **Normal hearing and normal color and depth perception are required.**

Working Environment

People in the AS rating may be assigned to sea or shore duty. They may work in hangars and sheltered areas, on flight decks or on flight lines at air stations. They work closely with others, do mostly physical work and require little supervision. Wind and noise levels are high.

Opportunities

Approximately 2,000 men and women now work in this rating. For candidates with the right qualifications, entry opportunities are good.

O-Net SOC Code

49-1011.00 First-Line Supervisors/Managers of Mechanics, Installers, and Repairers
 49-2094.00 Electrical and Electronics Repairers, Commercial and Industrial Equipment
 49-3011.00 Aircraft Mechanics and Service Technicians
 49-3053.00 Outdoor Power Equipment and Other Small Engine Mechanics
 51-2041.00 Structural Metal Fabricators and Fitters
 51-4121.06 Welders, Cutters, and Welder Fitters

Since Navy programs and courses are revised at times, the information contained on this rating card is subject to change.

(Revised 01/08)

Related Civilian Jobs