



Aerospace Ground Equipment (2A6X2)

Maintains aerospace ground equipment (AGE) to support aircraft systems or subsystems. Manages AGE functions and activities.

Alternate Titles:

None

Duties and Responsibilities:

WHAT THEY DO

Performs scheduled and unscheduled maintenance on AGE.

Inspects, tests, and operates AGE to determine equipment serviceability and proper operation.

Diagnoses mechanical and electronic circuitry malfunctions using visual and auditory senses, test equipment, and technical publications.

Removes, disassembles, repairs, cleans, treats for corrosion, assembles, and re-installs AGE accessories and components.

Stencils and marks AGE.

Services equipment with fuel, oil, coolant, water, hydraulic fluid, and air.

Operates, cleans, inspects, and services AGE towing vehicles.

Maintains vehicle forms.

Provides dispatch service for AGE, including positioning equipment to support aircraft maintenance and flying operations.

Solves repair problems by studying drawings, wiring diagrams and schematics, and technical publications.

Uses automated maintenance system to monitor maintenance trends, analyze equipment requirements, maintain equipment records, and document maintenance actions.

Analyzes and repairs ground support equipment using conventional and digital multimeters, voltmeters, ohmmeters, frequency counters, oscilloscopes, circuit card testers, transistor testers, and hand tools.

Maintains external fuel and grounding systems.

Stores, handles, uses, and disposes of hazardous material and waste according to environmental standards.

TRAINING PROVIDED

Job training consists of 21 weeks, 1 day technical school. Training will include the following:

Principles of electricity, electronics, general mechanics, heating, refrigeration, pneumatics, hydraulics, and reciprocating and turbine engines.
Troubleshooting, inspecting, repairing, and modifying equipment.

Use of automated maintenance systems.

Application of maintenance management techniques.

Interpretation of maintenance directives, technical publications, drawings, wiring diagrams and schematics.

Proper identification, handling, use, and disposal of hazardous waste materials.

SPECIAL REQUIREMENTS

Must have normal color vision

Must be US citizen