



CAREER FIELD FACT SHEET



Career Field Information

Category:

Maintenance

Unit:

102d Fighter Wing

AFSC:

2A6X6

Job Title:

Aircraft Electrical / Environmental Systems Specialist

Equivalent Civilian Career:

Aircraft Technician

Job Description / Background:

Inspects, troubleshoots, and maintains aircraft E & E systems, subsystems, components, and associated test equipment. E & E on-equipment systems include direct and alternating current; gas turbine compressors and auxiliary power units; landing gear, anti-skid, and nose wheel steering; electronic engine control, ignition, and starting; lighting; master caution and warning; take-off warning; flight control; cargo door and cargo delivery equipment; non-electro static application windows; anti-icing; fire and overheat warning; fire extinguishing and suppression; fuel control; liquid cooling; air conditioning, bleed air, cabin pressurization, and auxiliary pressurization; oxygen; and aircraft utility systems

Technical Training and School Information

School Length:

93 days

School Location:

Sheppard AFB TX

Job Qualifications / Prerequisites

Knowledge is mandatory of: electrical, electronic, and mechanical principles relating to E & E systems; concepts and application of maintenance directives; meaning of symbols used in wiring diagrams, blueprints, and schematics; and proper handling, use, and disposal of hazardous waste and materials. For entry into this specialty, completion of high school with courses in basic electronics, mathematics, general science, and mechanics is desirable.