



Trainees can learn basic components and systems in a gas turbine engine with APU-100A Runnable APU Training Set. They can operate a gas turbine engine with the training set after learning on operational procedures. Training set includes all the systems that is on a gas turbine engine.

Specifications

- Delivered ready for build-up and runnable applications
- Instrument panel(Analog or Digital)
- Fuel-system components/fuel pump
- Oil tank
- Fuel tank
- Ignition harness
- Starter
- Electrical system
- Engine-to-instrument console, with umbilical cord for safety
- Mounted on easy-to-roll work stands

Engine Specifications

- Power Output: 50 BHP (Air delivery)
- RPM: 51,275 (100%) Idle 44,350 (86.5%)
- Compressor: Centrifugal Impeller
- Combustion Chamber: Reverse Flow Annular with 8 Burners
- Turbine: 2 Stage Axial Flow
- Layout: Single Spool with Reduction Gearbox
- Starting: Starter Motor with Integral Speed Sensor
- Ignition: HT Igniters with 2 Plugs
- Fuel System: Electric Motor Driven Gear Pump with Electronic Control System
- Lubrication: Dry Sump with Electric Driven Pump, Oil Spec MII-L-7808
- Air delivery: 0.415 Kg/Sec @ 45 PSI
- Application: Air Producer in BAE Hawk (047), Ditto Jaguar(007), L39, Various French Aircraft