



Trainees can learn basic components and systems in a gas turbine engine with RTSE-100A Runnable Turboshaft Engine 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

Features

- Understanding fundamentals of aircraft Runnable Turboshaft Training Set and its components.
- Engine;
- 100% throttle, min 5500 RPM
- 24-30 volt DC Starter motor included
- Oil tank on the engine included
- Oil cooler included
- Oil Pressure and Scavenge pumps included.
- Ignition system included
- 820-1230 BHP
- 4 Stage Axial LP Compressor
- Centrifugal Impeller HP Compressor
- Bleed Valve
- Nh turbine RPM is min 42400
- NI turbine RPM is min 35,000
- NPT turbine RPM is min 27,000
- Overall Pressure Ratio is 12:1
- at least 5 chip-dedectors point - removed easily by hand
- Fuel Tank included
- Movable kiosk for the operating panel
- The system mounted on a metal/aluminum mobile stand.
- Metal/aluminum frame with 4 wheels. 2 of 4 wheels are lockable.
- Training video for teachers
- Delivered fully assembled tested and ready to operate
- Colored Ultraviolet printing method on aluminum composite panel

Components

- Turboshaft Engine
 - Starter
 - Oil pump
 - Ignititer
 - Fuel pump
 - Oil Cooler
- Master power switch
- Start/Run switch
- Start button
- Cancel Button
- Pressure light indicator
- Power/sart/running light
- Starter control sw and light
- Ignition control sw and light
- HP RPM indicator
- FPT RPM indicator
- EGT indicator
- Should have an original case
- Battery

Documentation

- User's Manual
- Study Guide
- Instructor's Guide
- Device's original Manual
- Device's original Wiring Diagrams
- Components Diagrams

Power Specs

- Electrical box
- Residual current device
- Emergency Button
- Energy Signal Lamp
- 110 VAC 60 Hz or 220-240 VAC 50 Hz