

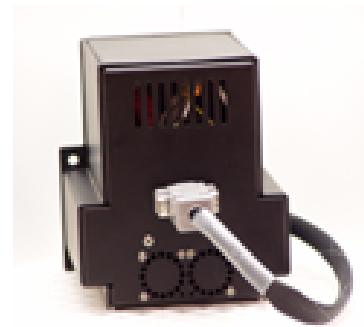


Product Description

Simulated F-5S EPI Engine Performance Indicator



F-5S Cockpit



EPI Rear View

The simulated F-5S EPI is a high-performance, high-fidelity display for avionics simulation applications that consists of a 2.4-inch x 4.5-inch discrete segment color LCD which exactly mimics the appearance of the actual aircraft display. The control interface is RS422 and allows segment blinking and illumination. This display system consists of a Display Head (pictured) and a separate 3"x 3"x 6" Display Electronics Unit (not pictured) connected by a single cable up to 20' in length. The display features:

- § Complete remote adjustment, calibration and diagnostics using a standard PC.
- § High-brightness, wide dimming range LED backlight creating a display capable of being viewed from direct sunlight down to NVG requirements.
- § Same functional controls and form-factor as the flight display.
- § Built for durability and low life-span cost in simulator applications only, including full motion platforms.

Simulated EPI Engine Performance Indicator

Performance Specifications

Power Requirement: 28 VDC, 40 watts maximum consumption, 20 watts nominal
Temperature: 0 ° to 40° C operating, -20° to 70° C non-operating
Altitude: 0 to 10,000 ft operating, 0 to 40,000 ft non-operating
Relative Humidity: up to 90% (non-condensing) operating, up to 95% (non-condensing) non-operating

Mechanical Specifications

Enclosure Height: 5"
Enclosure Width: 4.5"
Enclosure Depth: 4.8"
Enclosure Material: Black alodine/powdercoat
Cooling: Forced air, intake fan, rear vents
I/O: RS422
Display Control I/O: 50-pin Male DB50

Operating Specifications

Remote Adjustments

- Luminance limits
- Remote diagnostics and voltage monitoring

Warranty

These units are offered with the standard Precision Display Technologies (PDT) warranty of one (1) year on parts and labor for design and/or manufacturing defects in PDT supplied components only (original manufacturers' warranties apply to all CRTs, HUD optics, AMLCDs and bezels). Warranty specifically does not include customer-induced failures or damage caused by shippers.

