



Product Description

The simulated HUD is a monochrome XGA CRT Heads Up Display designed with the same look and feel as F-5S HUD Model 79-126-08-01A, manufactured by BAE Systems Ltd. (formerly GEC Marconi). It is comprised of a HUD Opticals unit, HUD Monitor unit, Up Front Control Panel, Data Entry Display, and HUD Control Panel plus a DED asn Monitor DEU. This display features:

§ Same functional controls and form-factor as the flight display, plus contrast enhancement filter for improved readability. Optional NVG filter available.

§ Built for durability and low life-span cost in simulator applications only, including full motion platforms. Cannot be used in aircraft.

Simulated F-5S / F-5E HUD Heads Up Display



F-5 Cockpit Trainer



F-5S Squadron

Simulated F-5S / F-5E HUD Heads Up Display

HUD Optical Specifications

Resolution: 1024 horizontal pixels by 768 vertical pixels
Video Interface: RS 170, 75 Ohms
Sync: Sync-On-green, or TTL Composite, or TTL Separate Hsync and Vsync
Focus Distance: Focused at 12 ft. from pilot's design eye. Tolerance +/- 4 in.
Symbol Color: Spectral peak at 550 nm
NVG Compatibility: Compatible with use of Night Vision Goggles
Input Power: 85-264 V AC wide range

Up Front Control Specifications

Connectors: Controlled via rear -mounted RS-422, standard D-sub 9-pin connector
Resolution: 5 rows of 24 characters, each 5 x 7 pixels
Display Size: 1.0" x 3.5"
Color: 590 mm wavelength
Dimming Range: 100:1
NVG Compatibility: Compatible with use of Night Vision Goggles
Power: 5 VDC
Controls: Discrete controls directly wired to back of HUD via D-sub 25 connector
Lighting: Input voltage from 0 VDC to 5 VDC controls brightness level

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.

