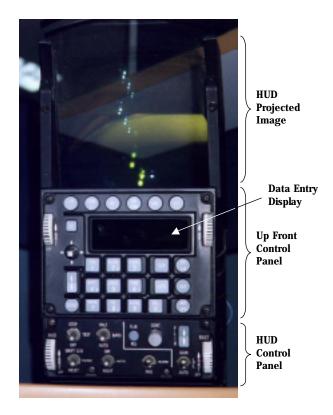


**High Performance High Fidelity High Reliability** 

# The Display Engineers



### **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

Precision Display Technologies § 4635 Longley Lane, Building 109, Reno, NV 89502 Phone (775) 825-4488 § Fax (775) 825-4489 § www.pdt-usa.com § CAGE Code 1KMZ5



**High Performance High Fidelity High Reliability** 

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

### **HUD Optical Specifications**

Resolution: 1024 horiz ontal pixels by 768

ertical pixels Video Interface: RS 170, 75 Ohms

Sync: ync-On-green, or TL Composite, or

TL Separate Hsynch and Vsynch

Focus Distance: ocused at 12 ft. from pilot's e. Tolerance +/- 4 in. Symbol Color: al peak at 550 nm

Spectr NVG Compatibility: Compatible with use of Night Vision

Goggles

**Input Power:** 85-264 V AC wide range

### **Up Front Control Specifications**

Controlled via rear Connectors: -mounted

RS-422, standard D-sub 9-pin

connector

Resolution: 5 rows of 24 char acters, each 5 x 7

els 1.0" x 3.5" 590 Display Size:

Color: 590 mm w

Dimming Range: 100:1 **NVG Compatibility:** Compatible with use of Night Vision

Goggles 5 VDC

Controls: Discrete controls directly wired to

back of HUD via D-sub 25

connector oltage from 0 VDC to 5 VDC Lighting: Input v

controls brightness lev

#### **Warranty**

Power:



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.

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