

DEDICATED
CONTROLSREDUCED
PILOT
WORKLOAD

HIGH-SPEED

NVG MODE
OPTION

Remote Bugs Panel

Puts control of EFIS functions within easy reach

Dedicated Controls: For frequently-used functions, including autopilot.

Reduced Pilot Workload: Quick, intuitive access to key EFIS capabilities during IMC or other high-workload situations.

High-Speed: High-speed serial communication.

NVG Mode Option: Night Vision Goggle compatibility.

Greater precision

- “Heading” knob dedicated to EFIS heading bug function
- “Altitude” knob dedicated to EFIS altitude bug function
- “LNAV”-dedicated push button switches the EFIS autopilot roll steering output from heading sub-mode to sub-mode
- “VNAV”-push button switches the autopilot pitch steering and commanded VSI output from target altitude sub-mode to sub-mode
- Multi-function “Set” knob with current function indicated by main display
 - Two dedicated “Arrow” push buttons used as a function selector for the “Set” rotary knob
 - 8-character main display, 4-character option display

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Remote Bugs Panel Specifications

MTBF: 14,000 hrs. (MIL-HDBK 217)
COM Ports: RS-422, 115.2K bps
Connector Type: MIL-C 28999, 13-pin
Thermal Protection: Internal thermal regulation and monitoring
Input Voltage: Nominal, 9 to 328 V
Power Consumption: 5 watts
Power Interruption: 50 milliseconds

Temperature Range: -55°C to +70°C

Master Brightness
Control Input Rates: Voltage Ranges:
 0 to 5V, 0 to 14V,
 0 to 28V
 Input Impedance:
 0 to 5V: 47 K
 0 to 14V: 115K
 0 to 28V: 181K

Size: 5.75" x 1.88" x 1.7" (overall, w/o mating connector)

Weight: 0.8 lbs.

Enclosure: Machined 6061-T6 aluminum

Finish: Black anodized

Display: High-brightness LED dot matrix

Mounting: Dzus

DO-160E Qualification: [(F2)V]BBB[H+R+U]
 XWXSFSZZAZ
 [ZC][YK]M[A3J33]XXAC

