

SABER™ PANELMOUNT SOLAR 21.3 CFD

High Brightness 21.3" Flight Operator Display for Military and Avionic Workstation Applications



Avionic-spec Saber display is designed to be in compliance for use in Navy military aircraft

Screenshot: Norman Chan / Adobe Stock

The avionic-spec **Saber PanelMount Solar 21.3 CFD (Carrier Launch Flight Operator Display)** is built to be in compliance with U.S. Navy requirements for use in military aircraft.

As an advanced avionic monitor, this robust unit is equipped with multiple optional specialized features, such as an optically bonded LCD with EMI mesh and heater, panel mount adaptor, military-grade connectors, On/Off toggle switch with finger guard, and more.

The qualified unit includes a built-in 3-phase power supply, strut and certified fasteners.

This purpose-built and cost-effective rugged enclosure is ready for duty.

FEATURES

- ▶ High resolution 2560 x 2048 (QSXGA) 21.3" LCD
- ▶ Micromesh EMI shield to minimize electrical interference
- ▶ LCD heater to prevent video from "freezing"
- ▶ Optically-bonded and antireflective overlay
- ▶ Toggle power switch with finger guard
- ▶ +24 Vdc power supply
- ▶ Designed to be in compliance with MIL-DTL-901, MIL-STD-810, MIL-STD-461, MIL-STD-167, and more
- ▶ Ruggedized aluminum panel mount enclosure with Arconic™ captive hardware
- ▶ Gray Iridite® finish per FED-STD-595A
- ▶ Mil-spec connectors

OPTIONS

PART NUMBER	CONFIGURATION
90-2213-002	With 110V AC input
90-2213-003	Fully qualified flight worthy
90-2213-004-A	Trainer unit
90-2213-006	Fully qualified flight worthy
90-2213-007	Lab unit
90-2213-008	Fully qualified flight worthy
90-2213-010	Fully qualified flight worthy
90-2213-011	Lab unit
90-2213-012	Lab unit



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SPECIFICATIONS

Display Size	21.3"
Viewing Area (W x H)	16.63" x 13.30"
Resolution	2560 x 2048 (QSXGA)
Number of Colors	10.7 billion (10-bit)
Luminance	500 nits (maximum luminance can be configured up to 800 nits)
Contrast	1300:1
Response Time	25 ms
Viewing Angle (Horizontal / Vertical)	±88° / ±88°
Temperature, Operating / Storage	-20°C–55°C / -40°C–85°C
Glass	Optically-bonded, Antireflective, Micromesh 2 EMI Shielded, Heater
Video Input	ARGB, DVI-D
Other	Toggle Power Switch with Finger Guard, Federal Standard Gray Paint 595A, Military-grade Connectors for Power and Video



Courtesy of Mass Communication Specialist 3rd Class Gabriel A. Martinez / DVIDS



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