



Military & Special Mission

Custom Engineered Monitors and Solutions for Aircraft



Integrated design and manufacturing of mission-ready aircraft displays and video systems.





Maximize your cockpit or cabin video system with rugged displays from FDS

Brilliant, high-definition displays designed and engineered to your specifications. FDS offers integrated design and manufacturing of mission-ready aircraft displays and video systems.

Don't let a display be the weak link in your high-resolution aircraft video system



FDS builds both off-the-shelf and custom-designed aerospace video components that meet your exacting standards. Using the latest digital video technology, we ensure superior image quality and rugged field performance. Our components undergo extensive product qualification and testing for extreme environmental conditions.

What sets us apart

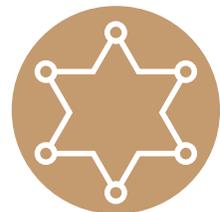
- Quick turn prototyping
- Innovative engineering
- Rugged, field-tested hardware



Military



Surveillance



Law Enforcement



Air Combat



Drug Enforcement



Border Patrol

Rugged Displays from 5" to 42"

Space is at a premium in most aircraft and FDS has developed an entire line of rugged, field-tested LCD monitors that can be installed just about anywhere. Our displays provide the clarity and accuracy for maximum situational awareness. Products have environmental, EFI, EMI, RFT, shock, vibration, and magnetic anomaly testing performed to meet DO-160 standards.

Mission-Ready Features



Night Vision Compliant

Front-mounted switches toggle display to low intensity mode for compatibility with night vision equipment.



Quad Split Screen

Displays four live video inputs simultaneously. View one video input at full screen or quickly return to quad-screen view.



Touch Screen

Capacitive touch screen and specialized software allow for flexibility and greater number of controls.



Bezel Keys

Users can assign up to 20 characters to each bezel key and decide where on the LCD monitor they would like the bezel keys installed.



High-Bright Mode

Engineered to operate in high ambient light conditions.



USB Ports

Access system computers via the display with multiple powered USB ports.



Heated Display

Maintain a fast image response in low temperature situations.



Aircraft Displays

FDS has a display to meet your needs.

- 5 to 42 inches
- Ruggedized
- Crystal clear images
- Widescreen or 4:3
- High-Definition and Standard Definition

Display Mounting Solutions

Using precision engineered mounts; the displays can easily be integrated into existing instrumentation. Custom configurations are also possible through our in-house engineering team.



Flipper Cockpit Displays

The Flipper displays are designed to be mounted out of the way. The LCD displays swing or slide out of the way when not in use. The Flipper is available in top, bottom, and side mounted configurations.

Sizes: 5" Standard, 7" and 10" Widescreen



Rugged Display Arms

Mount a crystal clear LCD display anywhere in the aircraft using a sturdy articulated arm. Mounting arms allow displays to be quickly stowed when not in use.

Arms available to hold LCD displays up to 15"



Custom Mount Solutions

FDS offers innovative custom engineered solutions to make the most of your limited space. Our displays are an integral part of many special mission projects.

Custom solutions for LCD displays up to 42"



Motorized Ceiling Mounts

Make the most of existing hardware by retrofitting the latest display technology into legacy mounts. Replace smaller LCD displays with larger, more advanced units.

Holds 15" Widescreen display

Video System Components



Aircraft CPUs

Powerful Intel processors; solid state drives; multiple inputs and outputs including USB, RS232/422/485, GPIO, ARINC 429; Ethernet; Windows XP Embedded.



Crosspoint Switches

Control up to 34 HD-SDI inputs and outputs using RS-485 switching. High-Definition.



Video Converters

Integrate HD-SDI displays with HDMI, VGA, and Composite Source Equipment.



Video Splitters

This Splitter takes a single HDSDI input and splits it to two HDSDI outputs. VGA splitter also available.

Video Input Options



HD-SDI



DVI-D



HDMI



VGA (RGB)



S-Video



Composite

LCD Comparison Chart

	5"	7"	10"	10.4"	12"	14"	15"	17"	20"	21.5"
NVG	✈	✈	✈	✈	✈	✈	✈			
High-Bright	✈	✈	✈	✈	✈	✈	✈			
Touch Screen			✈	✈		✈	✈	✈		✈
Arm Mount		✈	✈	✈	✈	✈	✈			
Standard 4:3	✈			✈			✈		✈	
Wide Screen		✈	✈		✈	✈		✈		✈
Heated Display						✈	✈	✈		
Quad Screen						✈	✈	✈	✈	✈

About Flight Display Systems

We manufacture a broad line of rugged High-Definition LCD monitors from 5" to 42". Military surveillance and reconnaissance features include NVG compliance, sunlight readability, and touch-screen.

Flight Display Systems has in-house electrical, mechanical and product engineers who work together to design, fabricate, prototype and test avionics products for integrators worldwide.

Call **800.213.2954** or visit **www.FlightDisplay.com** to learn more.



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