

MFSC

MULTIFUNCTION SLEW
CONTROLLER

FIXED AND ROTARY WING
PLATFORM
QUALIFIED





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MULTIFUNCTION SLEW CONTROLLER

The Multi-Function Slew Controller (MFSC) consists of two independent controllers for the Pilot and Copilot that is used to control cursor movement on the displays.

The hand control part shape and configuration are designed for the left hand of the pilot and the right hand of the copilot with guidance of MIL-HDBK-1472F Human Factor Engineering standard.

MFSC consists of a 2-axis force transducer, three (3) single pole double throw pushbutton switches, and a scroll wheel switch with built in detente switch. The 2-axis force transducer supplies slewing capability for cursor movement on the displays

Technical Specifications

- Continuous Built In Test (CBIT)
- Cursor Movement Control On Displays
- Menu Scrolling and Pan Capability

Interfaces

- MIL-STD-704F 28 VDC Electrical Power Interface
- ARINC 429 Interfaces
- RS 232 Interface
- Discrete Interfaces

Qualifications

- MIL-STD-810 / DO-160E
- MIL-STD-704
- MIL-STD-461

Environmental Conditions

- Operating Temperature and Altitude
: -40°C / +55°C, 15.000 ft.
- Storage Temperature
: -55°C / +85°C

Physical Specifications

- Dimensions : 182 mm (H) x 127 mm (W) x 114 mm (D)
- Weight : <1.2 kg