

ACP

AUTOPILOT CONTROL PANEL

FIXED, ROTARY WING
PLATFORM
QUALIFIED





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The Autopilot Control Panel (ACP) consists of 24 AFCS main function pushbuttons with 25 annunciators and two knobs with push capability for heading and altitude preselection.

Operator interface is designed with guidance of MIL-HDBK-1472F Human Factor Engineering standard.

Knobs and pushbuttons provide independent control capability for AFCS.

Technical Specifications

- Continuous Built In Test (CBIT)
- AFCS Mode Selection
- Heading and Altitude Preselection for AFCS

Interfaces

- MIL-STD-704F 28 VDC Electrical Power Interface (2 inputs)
- ARINC 429 Interfaces
- Discrete Interfaces

Qualifications

- MIL-STD-810G / DO-160G
- MIL-STD-704F
- MIL-STD-461F

Environmental Conditions

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

Physical Specifications

- Dimensions : 115 mm (H) x 85 (D) x 146 mm (W)
- Weight : < 2 kg