



## DIGITAL CONTROL PANEL

# FUTURE-READY TECHNOLOGY

## Reducing pilot workload and improving operational efficiency

As technology advances, so should your flight performance. Collins Aerospace digital control panel (DCP) offers Mode 5 and Automatic Dependent Surveillance-Broadcast (ADS-B) capabilities to improve operational efficiency and reduce pilot workload. We combined the latest technologies that support the industry's evolving requirements, as well as existing transponder controls and system status information.

Offering Mode 5 and legacy capabilities, our DCP provides configurable, user-friendly menus and enhanced features displayed on a large four-inch LCD screen.

Keyboard shortcuts enable quick one-button pilot access to functions like built-in test and mode controls. Our adaptive display (AD) software enables pilot accessibility menus to be changed based on the installed IFF configuration.

Supporting optional redundant transponder and control panel configurations, our DCP is well suited for current and future requirements. All configuration information is stored in a nonvolatile Personality Module (PM) installed on the back of the DCP. Additionally, flight identification and system status capabilities are available through ARINC-429 ports.

Programmable output discretes enable customization of alert messages, such as ADS-B Fail and Mode 5 Lethal Caution warnings, to meet the latest DoD AIMS and civil requirements.

## KEY FEATURES & BENEFITS

- Key and time of day management
- 4-inch LCD display
- Platform configurable
- Programmable alert drivers
- AIMS-certified
- Technical standard order (TSO)-compliant
- Near vertical incidence skywave night vision imaging system-compatible



# Specifications



Digital control panel

## OPERATIONAL MODES:

- MK XII Modes 1, 2, 3/A, C, 4
  - Mode 5 Level ½
  - Mode S ETCAS/TCAS II/2B\*, ELS and EHS control
- \*Requires capable transponder

## ADS-B:

Control interface	RS-485
Other interfaces	ARINC-429, discretes
Weight	4.6 lb
Size	5.25 in. x 5.75 in. x 3.64 in.
Prime power	28 VDC, 23 W (nominal)
MTTR	< 30 min.

Specifications subject to change without notice.