PRIMUS® EPIC 2.0 ADVANCED FLIGHT DECK BY HONEYWELL







SIX CONVINCING ARGUMENTS

FOR EQUIPPING THE SEASTAR COCKPIT WITH HONEYWELL AVIONICS

PRIMUS® FPIC 2.0 AVIONICS SYSTEM

Honeywell's Avionics has been tailored for single- and dual-pilot cockpit to enhance safety and operability, including Primus® Epic 2.0's SmartView™ Synthetic Vision System, digital charts and maps, coupled vertical navigation, and exceptional safety and situational awareness.

WHY HONEYWELL?

Industry leader in integrated avionics systems

- \cdot Broadest range of avionics products and services
- · Proven designs with high reliability
- · Global service and support network



CLARITY OF INFORMATION

Offering crystal-clear, high-resolution displays and wide-viewing capability to allow for cross-cockpit scanning and includes digital charts and maps, coupled vertical navigation, and exceptional safety and situational awareness.

3-D terrain

Approach guidance

Enroute

Terrain alerting

Visual runway

Integrated aircraft systems









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24H WORLD-WIDE SERVICE

Honeywell's 24/7 around-the-world support ensures safe and reliable operations



CONNECTED FLIGHT DECK

Seamlessly connect to EPIC 2.0 using your iPad to update charts, navigation - and terrain databases or upload pre-planned routes.









SAFE NAVIGATION

The PRIMUS® EPIC 2.0 avionics suite enhances situational awareness though integration of SVS, TAWS, TCAS, WX in Honeywell's interactive Navigation (INAV™).









QUICK TURNAROUNDS

The optimized PRIMUS® EPIC 2.0 configuration for SEASTAR CD-2 amphibious aircraft allows rapid take-off preparation in VFR environment as well as full IFR operation.



HARDENED EQUIPMENT

All equipment is developed for operation in extreme environments like the high-vibration found at sea







GLOBAL CUSTOMER SUPPORT

Honeywell's avionics are based on proven technology providing exceptionally high reliability and simplified maintenance. To help ensure optimal operation conditions, Honeywell provides comprehensive installation consultation and support tailored to the unique needs of each operator. Additionally, Honeywell's product support services include regularly scheduled maintenance and pilot training courses and support documentation. When service is needed, Honeywell's customer engineers and service centers are strategically located around the world and provide 24 hours / 7 days efficient, responsive support.

FOR MORE INFORMATION

- > Primus® Epic 2.0, Surveillance/Air Traffic management, (CNS/ATM), Multifunction data access, Interactive Navigation (INAV™), Modular Avionics Unit (MAU), Automatic Flight Control System
- > Electronic checklist system (optional), Graphical INAV and flight planning, Primary and secondary flight plans, Precision and nonprecision approaches, SID/STAR procedures, Space Based Augmentation System (SBAS).
- > Automatic Flight Control System (ACFS), Autopilot (including automatic pitch trim). Yaw damper with turn coordination, Flight director guidance, Coupled vertical navigation, INAV™, Traffic/terrain surveillance systems: TAS, TCAS I or TCAS II – ADS -B Out – Class A or B Terrain AwarenessWarning System (TAWS) – SmartRunway™/SmartLanding™

DISPLAY SYSTEM

As aircraft navigation and airspace operations become more demanding and complex, the Primus® Epic 2.0's advanced pilot interface greatly simplifies flying by optimizing aircraft information based on the pilot's specific needs during a particular phase of flight.

The primary flight displays support

· SmartViewTM Synthetic Vision – with advanced symbology.

The multifunction displays support

- · Interactive Navigation (INAVTM) graphical flight planning
- · Pilot-entered waypoints on INAV
- · Digital charts and maps
- · Radio tuning
- · Aircraft System Synoptics

Display Enhancements

- · Honeywell's SmartView™ Synthetic Vision System
- \cdot INAVTM
- · Digital charts and maps

FLIGHT MANAGEMENT SYSTEM

- · Comprehensive navigation database
- · Graphical INAV and flight planning
- · Primary and secondary flight plans
- · Precision and non-precision approaches
- · SID/STAR procedures
- · Space Based Augmentation System (SBAS)
- · Full complement of RNAV approaches
- · Vertical navigation (VNAV)
- · Direct-To function
- · Automatic leg transitions

- · Automatic bank angle limit
- · Parallel offset
- · Weather alternate
- · Mass storage module
- · PC flight planning tool

AUTOMATIC FLIGHT CONTROL SYSTEM (ACFS)

- · Autopilot (including automatic pitch trim)
- · Yaw damper with turn coordination
- · Flight director guidance
- · Coupled vertical navigation

ADDITIONAL FEATURES

Hazard Avoidance and Detection Systems

- · Traffic/terrain surveillance systems
- TCAS II
- ADS-B Out
- Class A Terrain Awareness Warning System (TAWS) SmartRunway™/SmartLanding™
- · Weather radar system
- · XM® weather
- · Digital radio altimeter

Multi-Sensor Required Navigation Performance (RNP) Capabilities

- · Augments GPS-only performance
- · Improved obstacle clearance
- · More "fly direct to" capability
- · Reduced pilot workload

Operation and Maintenance

- · Flight data and cockpit voice recorders
- · Emergency locator transmitter (ELT)
- · Central aircraft maintenance system
- · High Speed WiFi Gateway

Flexible Architecture/Cockpit Layout

- · Four displays
- · KDU 1080

Radios

Dual Multi-Mode Digital Radios (MMDR) supporting communication and navigation functions – compliant with the latest capabilities (including VDL Mode 2) and upgradeable via software.

Air Data System

· AZ-200 air data module

Attitude Heading Reference System

· AH-1000 AHRS

Future Air Traffic Management Capabilities

- · ADS-B
- · RNP
- · PM-CPDLC

MODULAR AVIONICS

Integrated Modular Avionics provides for a robust set of baseline capabilities plus the ease of adding future advanced features via software upgrades.

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