

Sikorsky Black Hawk

Avionics Solutions



Advanced Avionics for Multi-Missions Support

Universal Avionics flight deck upgrade for the Sikorsky Black Hawk helicopter offers a cost-effective solution that allows the aircraft to retain its mission critical avionics equipment, while adding advanced operational capabilities. Critical to aircrew safety, the upgrade also provides a solution to meet precision navigation mandates.

With the Multi-Missions Management System (MMMS), a wide array of missions are supported including utility transport, mine laying, medical evacuation, and Surveillance and Reconnaissance (SAR).

Modernized Displays

- PFDs replace electromechanical HSI & ADI indicators (meets IFR requirements)
- Video capable and graphical display of data from mission computer
- Moving map with flight plan data from MMMS

Extensive I/O Interface with:

- Existing Attitude / Heading source or new digital AHRS
- Existing CIS Processor for Flight Director / Autopilot coupling and commands / mode annunciations
- HTAWS with terrain imagery and alerts
- New digital air data computers for primary data

Centralized Radio Operations

- Radio Control Unit (RCU) provides centralized control of modern digital radio suite
- Flight phase based suggested frequencies from the MMMS to RCU

Mission Support

- Airdrop Module to support multiple types of airdrop functions
- Radar capable when installed – also supports Stormscope
- Night Vision Goggle (NVG)-compatible model options
- Vision-1® Synthetic Vision System

NextGen Solutions

- Localizer Performance with Vertical Guidance (LPV)
- Automatic Dependent Surveillance-Broadcast (ADS-B) Out
- Required Navigation Performance (RNP)/Area Navigation (RNAV)



EF1-890H and UNS-1Fw with 5" CDU

UNIVERSAL AVIONICS
SYSTEMS CORPORATION

Inquire Now

For additional information, please contact a Universal Avionics Regional Sales Manager:
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Specifications and graphic displays contained herein are subject to change without notice. Features and capabilities may be limited due to installation or interfacing equipment.



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