

Helicopter Solutions

Avionics Tailored to Civil and Military Helicopter Operations



Rugged, High-Utility Flight Deck

Universal Avionics installations in rotary wing aircraft have been strong for well over a decade. The high vibration environment in which rotorcraft operate presents the need for avionics to be rugged and high-utility, yet provide intuitive operations for optimal situational awareness while reducing pilot workload. Our products are tailored to the tactical missions of helicopter operators and support their unique requirements.

We are a leading manufacturer of innovative avionics systems, including:

- Advanced Flight Displays
- Satellite-Based Augmentation System-capable Flight Management Systems (FMS) and Multi-Missions Management System (MMMS)
- Situational Awareness including Synthetic Vision
- Data Link Communications Management Unit (CMU)
- Radio Control and Tuning
- Cockpit Voice and Flight Data Recorders (CVR/FDR)
- Attitude Heading and Reference System (AHRS)

Night Vision Goggle (NVG)-compatible model options are also available for many of our products to support nighttime missions.

Advanced Avionics Solutions Available For:

- AgustaWestland A109, AW139
- Bell 212, 214ST, 412, 430
- Eurocopter AS332 Super Puma, EC-135/155, BK117, AS365 Dauphine
- MIL MI-17, MI-172
- Sikorsky S-70 Blackhawk, S-76, S-92, UH-60 Blackhawk

UNIVERSAL[®] AVIONICS
SYSTEMS CORPORATION



Mission Ready: EFI-890H, UniLink® CMU, UNS-1Fw MMMS and RCU

Testimonials

"Having operated Universal Avionics' equipment for over 30 years now, I've found that the company really dedicates themselves to the helicopter industry. Universal's FMS has all the functions that a helicopter operator could possibly need like building and storing multiple flight plans. At the same time, the FMS works in the simplest form, it's user-friendly, yet extremely accurate."

– John Dempsey, Chief Helicopter Pilot, R.O.P. Aviation, Inc.

"Cougar Helicopters operates in a long-range harsh weather environment in oil and gas offshore exploration. Flight planning for optimum fuel load, payload utilization and route maintenance is essential. Accurate approach guidance to minimums contributes to mission success and when flights are 3 to 5 hours long, monitoring of progress is critical. Universal's FMS currently installed operates exceptionally well and reliably."

– J.J. Gerber, Director of Flight Operations, Cougar Helicopters, Inc.

Knowledgeable Professionals Providing Individualized Support

Our worldwide customer support is provided by a network of regional offices, field engineers, service centers and repair stations. Continual support for customers throughout the product lifecycle is the keystone of our service philosophy. Customer Support and Field Service Engineers from our Tucson headquarters facility, Midwest US, European and Asia Pacific offices assist via phone, email or on-site support for new and existing installations.

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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.

