



Media Contact

Mary Loomis

+1-414-449-4244

m.loomis@astronautics.com

**ASTRONAUTICS ROADRUNNER® ELECTRONIC FLIGHT
INSTRUMENT SELECTED FOR
ROYAL NORWEGIAN AIR FORCE UPGRADE PROGRAM**

*EFI upgrade mitigates avionics obsolescence for legacy instruments,
extends aircraft life, and ensures the Royal Norwegian Air Force
Bell 412 fleet remains operationally ready*

DALLAS, TEXAS – March 11, 2025 – Astronautics Corporation of America is providing its new dealer Patria Helicopters AB with 32 RoadRunner electronic flight instruments (EFIs) to support the Royal Norwegian Air Force’s (RNoAF’s) Bell 412 upgrade program. The upgrade program is contracted between the Norwegian Defence Material Agency and Kongsberg Aviation Maintenance Services (KAMS), with Patria acting as a subcontractor to KAMS for aircraft modification and certification.

As part of the upgrade program, each RNoAF Bell 412 will be retrofitted with two Astronautics RoadRunner EFIs per cockpit, one for the pilot and the other for the co-pilot. Astronautics’ RoadRunner EFI is an easy-to-install, form-fit retrofit for legacy attitude director indicators (ADIs) and horizontal situation indicators (HSIs), combining the functionality of both indicators into one modern digital flight instrument. The EFI eliminates avionics obsolescence while adding capabilities like navigation options based on global navigation satellite systems and pilot guidance and indications not available on the former analog, legacy systems.

“Astronautics is pleased that our RoadRunner EFIs were selected as part of the updated avionics for the RNoAF Bell 412 upgrade program and are contributing to keeping this fleet operational and mission ready,” said Aymeric Larose, Astronautics’ director of business development in Europe. “Additionally with our European-based team, we can easily support our dealer Patria Helicopters AB throughout the life of the program.”

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2 - Astronautics' RoadRunner EFI for Patria and RNoAF

The RoadRunner EFI was designed for the retrofit market as a cost-effective way to mitigate obsolescence and repair and maintenance costs associated with legacy ADI and HSI instruments while adding new safety and situational awareness capabilities like Night Vision Imaging System (NVIS) compliance, Localizer Performance with Vertical Guidance (LPV) approaches, and Area Navigation (RNAV) with GPS. Initially targeting B412/212 and AW-109/119 helicopters, Astronautics RoadRunner EFIs have been installed on these and several other platforms including the CASA 212, UH-60L, C-130T, and T-38A/B aircraft.

Patria Helicopters AB is a Bell-authorized Service Center located at the Stockholm-Arlanda International Airport.

For more information about Astronautics' avionics, connectivity, cybersecurity, and system solutions for retrofit and OEM applications, visit us at VERTICON 2025, March 11-13, in Dallas, Texas, **Hall C, Booth #4512**, or contact us at BusDev@astronautics.com.

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About Astronautics

Astronautics Corporation of America, headquartered in Oak Creek, Wisconsin, is a global leader in the design, development, and manufacture of avionics equipment and systems for the commercial and military aerospace industry. Key product areas include electronic primary flight, multifunction and engine displays, connected aircraft and airborne cyber solutions, electronic flight bags, and certified servers for airborne applications. Services include avionics system integration and custom software for critical applications. Since its founding in 1959, Astronautics has been providing trusted, reliable, and tailored engineering solutions enabling aerospace OEMs and operators to achieve mission success. Astronautics is the parent company of Kearfott Corporation, headquartered in New Jersey, known for its guidance, navigation, and motion sensor products for sea, land, air, and space applications. For more information:

www.astronautics.com.