Universal Avionics EFVS chosen for AW169 Fleet

Anaheim, California - January 29, 2020 – Universal Avionics (UA), an Elbit Systems company, has been selected by Leonardo and a European Helicopter Emergency Medical Services (HEMS) operator to equip a fleet of AW169 helicopters with the ClearVision™ Enhanced Flight Vision System (EFVS) suite for helicopters. The integration of the ClearVision system in the AW169 is designed and certified by Leonardo with installation completed in its factory.

HEMS operators conduct Emergency Medical Services / Search and Rescue (EMS / SAR) missions where the ability to operate in degraded visibility environments is often necessary. As a Level A certified solution, ClearVision EFVS for helicopters provides the visibility and situational awareness needed to overcome these adverse weather conditions, critical to executing lifesaving missions.

The EFVS suite includes a high-resolution multispectral camera for Enhanced Vision System (EVS), a custom designed Synthetic Vision System (SVS), and SkyVis™ Helmet-Mounted Display (HMD) which supports Night Vision Goggle (NVG) configuration. ClearVision for helicopters’ design is based on UA’s EFVS for commercial fixed wing aircraft, leveraging the technology and experience of more than 3,500 fielded systems. ClearVision features state-of-the-art HMD optical design, a certified Line of Sight (LOS) tracking system, and SVS specifically designed for helicopter low altitude flight requirements. The multispectral EVS camera supports operations in all weather conditions and identification of lights such as those of oil rigs, helipads, obstacles, and runways.

“Leveraging our world-leading solutions of EFVS on fixed wing platforms to the helicopter market will enable flight in limited visibility conditions, increasing the total number of rescue missions that can be safely executed and potentially, saving even more lives,” said Dror Yahav, UA CEO. “We are proud to be part of a new era of technology and mission capability with our ClearVision suite installed on the Leonardo AW169.”

A demonstration of the ClearVision suite is available during the HAI HELI-EXPO at Universal Avionics booth 3408.

About Universal Avionics

Universal Avionics, an Elbit Systems Company, is a leading manufacturer of innovative commercial avionics systems offered as retrofit and forward-fit solutions for the largest diversification of aircraft types in the industry. To learn more about Universal Avionics, visit www.uasc.com/company/about.

Universal Avionics Press Contact

Stacy Honda