

Collins Aerospace Aids Navy, Marine Corps Pilots With New Visual Acuity System

CEDAR RAPIDS, Iowa – Collins Aerospace Systems, a unit of Raytheon Technologies Corp., is helping the U.S. Navy and Marine Corps transition from analog to digital night-vision systems with the company's new Enhanced Visual Acuity (EVA) system, the company said in a release.

The system, recently selected for use by rotary-wing and tilt-rotor aircrews, is the first to provide advanced digital night vision and display technology that increases flight safety and mission effectiveness for the warfighter.

Currently in development, EVA is a digital day/night vision solution that will integrate a helmet-mounted binocular display to provide wider, higher-resolution imagery and improved night vision performance at Very-Low-Light-Levels (VLLL) – when the rotary-wing pilot needs it the most. In addition, the design will minimize head-borne weight to reduce pilot fatigue while increasing comfort and safety.

“Digital night vision is a big step forward in providing enhanced situational awareness to the warfighter and is a foundation we’ll continually build on to ensure mission success,” said Dave Schreck, vice president and general manager for military avionics and helicopters at Collins Aerospace.

Work on the new developmental contract is taking place at Collins Aerospace facilities in Iowa, California and Massachusetts and will be completed by March 2023.