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MQ-8C Fire Scout radar undergoes flight testing

EMMA HELFRICH, ASSOCIATE EDITOR
The U.S. Navy, with support from Northrop Grumman Corporation, commenced flight testing of the MQ-8C Fire Scout equipped with the Leonardo AN/ZPY-8 radar.

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M-346FA to be supplied with Litening 5, RecceLite systems
EMMA HELFRICH, ASSOCIATE EDITOR
RAFAEL Advanced Defense Systems will supply 5th generation Litening-5 and RecceLite systems to equip Leonardo's M-346FA light combat aircraft. This is the first integration of 5th generation EO pods to Leonardo's M-346FA platform.

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Audio Management System selected for new T-7A Red Hawk
EMMA HELFRICH, ASSOCIATE EDITOR
Orbit Communication Systems Inc., the U.S. subsidiary of Orbit Communication Systems Ltd., provider of airborne communications solutions, announced that Boeing selected its Orion Audio Management System (AMS) for the U.S. Air Force's new T-7A Red Hawk advanced pilot training system.

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Delta Digital Video’s Rugged Encoders Support General Atomics’
General Atomics Aeronautical Systems, Inc. (GA-ASI) contracts with Delta Digital Video for delivery of rugged airborne video encoders in support of continued production for the MQ-9 Reaper and MQ-1C Gray Eagle Unmanned Aircraft System (UAS) avionics, datalinks and software.

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After reaching a definitive agreement in January, BAE Systems has now completed the acquisition of Raytheon Technologies Corporation's Airborne Tactical Radios (Airborne Radios) business, intended to bring products and capabilities into the company's Electronic Systems portfolio.

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Raytheon won a $325 million contract for repair of the Advanced Targeting Forward Looking Infrared System (ATFLIR) in the F/A-18 Super Hornet aircraft for the U.S. Navy, according to the Pentagon.

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Thermal solutions for RPA to be developed with Additive Manufacturing

EMMA HELFRICH, ASSOCIATE EDITOR

General Atomics Aeronautical Systems, Inc. (GA-ASI) has partnered with Australia-based Conflux Technology on the development of a heat exchanger. The part is being developed using a metal Additive Manufacturing process for possible integration onto GA-ASI's line of Remotely Piloted Aircraft Systems (RPAS).

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WASP avionics software wins award for program upgrade

EMMA HELFRICH, ASSOCIATE EDITOR

DCS Corporation has received an award from long-time customer NAVAIR PMA-281 for the development of Weaponeering and Stores Planning (WASP) software, version 5.0. The total value of this award is $7.5 million with a 20-month period of performance. The WASP 5.0 task order was received under a recently-awarded Basic Ordering Agreement (BOA) from PMA-281.

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F-35 delivery to be affected during slowed Lockheed Martin production

EMMA HELFRICH, ASSOCIATE EDITOR

Lockheed Martin expects lower sales and slower deliveries for some of its programs in the coming months — particularly the F-35. In an earnings call, Marillyn Hewson, Lockheed's chairman, president, and CEO, said the company has reduced its 2020 sales expectations due to disruptions caused by the COVID-19 pandemic.

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Digital cockpit for Black Hawk completes initial testing

EMMA HELFRICH, ASSOCIATE EDITOR

Northrop Grumman Corporation supplied digital cockpit upgrades to the integrated avionics suite for the U.S. Army's UH-60V Black Hawk, which recently completed initial operational test and evaluation (IOT&E). The
Completion of IOT&E marks a milestone for the UH-60V program on the pathway to full-rate production.

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Fully autonomous air-to-air refueling achieved by Airbus

EMMA HELFRICH, ASSOCIATE EDITOR

Airbus has achieved an automatic air-to-air refueling (A3R) operation with a boom system. The flight test campaign, conducted earlier in the year over the Atlantic Ocean, involved an Airbus tanker test aircraft equipped with the Airbus A3R solution, with an F-16 fighter aircraft of the Portuguese Air Force acting as a receiver.

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Cavitation by JOY FINNEGAN

AVIATION MAINTENANCE MAGAZINE

Airlines are like pumps. Money pumps. I have used this analogy to explain how airlines can go from billions in profits to the brink of disaster in seemingly no time at all. I cannot take credit for it but I don't remember where or who to attribute it to. But it is so relevant right now.

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