



July 13, 2021

## **FADEC Alliance delivers 10,000th LEAP electronic engine controller**

ENDICOTT, N.Y. — FADEC Alliance, a joint venture that includes BAE Systems and Safran, recently delivered its 10,000th LEAP electronic engine controller (EEC) for the CFM International LEAP engine family. The LEAP EEC is part of the [full authority digital engine control](#) (FADEC) used to monitor and control aircraft engine performance during flight.

The LEAP EEC can be used across multiple [engines and platforms](#) due to its design, which leverages commonalities and accommodates various technologies.

“Our 10,000th EEC delivery is a significant achievement and is the result of the fastest commercial engine control production ramp in our history,” said Steven McCullough, chief executive officer of FADEC Alliance. “We have combined a first-rate design with advanced manufacturing technology to produce an extremely reliable product. This milestone is a reflection of our collective dedication to advanced engine controls.”

The LEAP FADEC – leveraging two identical EECs – controls all aspects of aircraft engine performance, including engine fuel flow and variable engine geometries. It also provides real-time health monitoring and alerts operators to required maintenance.

The engine controller first entered service in 2016 on the LEAP-1A engine and also is fielded today on the LEAP-1B and GE Passport 20 engines. Entry into service on the final engine, LEAP-1C, is expected by the end of this year.

Production of LEAP FADECs occurs at sites in Fort Wayne, Indiana, and Fougères, France. Aftermarket services are provided at sites in Fort Wayne, Indiana, and Massy, France.

FADEC Alliance is a joint venture of [GE Aviation](#) and [FADEC International](#). FADEC Alliance combines the expertise and experience of its member companies in architecting, developing, producing and supporting FADEC systems for today and tomorrow.

FADEC International is a 50-50 joint venture between a subsidiary of BAE Systems Controls Inc. and Safran Electronics & Defense (Safran) that focuses on the two companies’ capabilities to design, produce, and support Full Authority Digital Engine Controls for commercial aircraft engines. For more than 25 years, FADEC International has served airlines and aircraft maintenance and repair providers with a full range of design and aftermarket capabilities. For more information, visit us at <http://fadecinternational.net/>.

**For more information, please contact:**

Eric Peterson, BAE Systems

Mobile: 603-288-4082

[eric.peterson2@baesystems.com](mailto:eric.peterson2@baesystems.com)

[www.baesystems.com/US](http://www.baesystems.com/US)

[@BAESystemsInc](#)

Pascal Debergé, Safran Electronics & Defense

Phone: +33 1 55 60 41 38

[pascal.deberge@safrangroup.com](mailto:pascal.deberge@safrangroup.com)

[www.safran-electronics-defense.com](http://www.safran-electronics-defense.com)