

Dassault Falcon 900LX and Falcon 2000 Series Certified for 100 ft EFVS Operations

Follows approval of new FalconEye bad weather approach capability on Falcon 8X in October

February 20, 2019 (Saint-Cloud, France): The Dassault Falcon 900LX, Falcon 2000LXS and Falcon 2000S have been certified by EASA and the FAA for an enhanced flight vision system (EFVS) capability that greatly improves access to airports in bad weather, providing operational credit for poor visibility approaches down to 100 ft.

The new EFVS capability, provided through Dassault Aviation's revolutionary FalconEye Combined Vision System (CVS) and its unique combination of six fused sensors, was previously certified on the Falcon 8X ultra-long range trijet following the completion of joint EASA/FAA trials last year.

FalconEye is the first Head-Up Display (HUD) to show separate synthetic, database-driven terrain mapping and enhanced thermal and low-light camera images at the same time. It also allows pilots to adjust the split between synthetic vision system (SVS) and enhanced vision system (EVS) imaging areas to suit visibility conditions, providing an unprecedented level of situational awareness and allowing the crew to perform bad weather landings with much higher levels of confidence, precision and safety.

The FalconEye option has been available on the two-engine 2000LXS/2000S and the three-engine 900LX since October 2016 and on the Falcon 8X since early 2017. The system will also be available on the new Falcon 6X ultra widebody twinjet, which is due to enter service in 2022.

The next enhancement to the FalconEye option will be the addition of a dual head-up display configuration that will support an EFVS-to-land capability, allowing pilots to fly a full approach and land without requiring natural vision to see the runway. The full approval of this capability is anticipated next year.

The recent operational improvement to FalconEye and certification is part of a series of enhancements and new options designed to extend Falcon mission capability. Others include Dassault's Falcon Sphere II integrated Electronic Flight Bag (EFB) suite and FalconConnect, a comprehensive package of broadband communications solutions designed to facilitate the use, management and control of inflight connectivity.

Notes for Editors

About Dassault Aviation

Dassault Aviation is a leading aerospace company with a presence in over 90 countries across five continents. It produces the Rafale fighter jet as well as the complete line of Falcons. The company employs a workforce of over 11,000 and has assembly and production plants in both France and the United States and service facilities around the globe. Since the rollout of the first Falcon 20 in 1963, over 2,500 Falcon jets have been delivered. Dassault offers a range of six business jets from the twin-engine 3,350 nm large-cabin Falcon 2000S to its flagship, the tri-engine 6,450 nm ultra-long range Falcon 8X and the new ultra widebody cabin Falcon 6X.

About Dassault Falcon Jet

Dassault Falcon Jet Corp. is a wholly owned U.S. subsidiary of Dassault Aviation, France. Dassault Falcon Jet markets and supports the Falcon family of business jets throughout North and South America.

For more information about Dassault Falcon business jets, visit: www.dassaultfalcon.com

Press Contacts

Dassault Aviation (Saint-Cloud, France)

Vadim Feldzer Tel. +33 1 47 11 44 13

vadim.feldzer@dassault-aviation.com

Marie-Alexandrine Fouillard Tel. +33 1 47 11 64 23

marie-alexandrine.fouillard@dassault-aviation.com

Dassault Falcon Jet (Teterboro Airport, USA)

Andrew Ponzoni Tel. +1 201 541 45 88

andrew.ponzoni@falconjet.com

Grant Kielczewski Tel. +1 201 541 46 79

grant.kielczewski@falconjet.com

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