

HONEYWELL AND DASSAULT FALCON JET (DFJ) ENHANCE PERFORMANCE AND AIRCRAFT VALUE

A major player in the food industry's Falcon 7X takes flight with EASy IV and DU-1310-2 upgrades

Case Study



OVERVIEW

For a major player in the food industry, aviation is an essential part of connecting business across continents. Flying long-range international missions and shorter regional hops across Brazil, the Falcon 7X is the company's trusted workhorse.

To modernize its cockpit, the company partnered with Honeywell and Dassault Falcon Jet (DFJ) to install the EASy IV Avionics Suite and DU-1310-2 Display Units, bringing new levels of safety, situational awareness and long-term aircraft value.

BACKGROUND

Chief Pilot Alexandre Sclearuc oversees flight operations and training for the company's Falcon 7X. With over three decades in aviation, Sclearuc knows the value of dependable avionics.

“The EASy II is very reliable, but the EASy IV is much more integrated,” he says, “And safety-wise, the situational awareness has been improved significantly as the 2D, 3D maps and ADS-B in showing all the traffic coming off the airports, even on the ground. It's fantastic.”

ALEXANDRE SCLEARUC,
CHIEF PILOT

THE UPGRADE

According to José Vinicius, Honeywell's Regional Sales Manager for Business Aviation in South America, the Falcon 7X project represents a key milestone for the region, highlighting the demand for new-generation displays.

“The EASy IV and the DUs 1310-2 will boost their aircraft value, enhance their aircraft mission capability, reducing the maintenance and operation costs,” Vinicius says. “And it will be in compliance with the regulatory mandates.”

Working closely with Dassault Falcon Jet (DFJ), Honeywell ensured a seamless upgrade during the aircraft's scheduled 48-month inspection, a strategic decision which helped minimize downtime while maximizing efficiency.



SEAMLESS COLLABORATION

The collaboration between Dassault Falcon Jet (DFJ) and Honeywell ensures every phase, from planning to flight testing, is handled with precision.

Otavio Oliveira, Dassault Falcon Jet's (DFJ) International Sales Manager, praises the partnership with Honeywell, which is built on confidence and trust.

"Planning ahead is essential when you are talking about avionics upgrades," Oliveira says.

He adds that by working together from the earliest stages, they can ensure the customer understands the benefits, reduced downtime and optimized costs.

The EASy IV installation project is also an achievement showcasing the technical capabilities of the local team that opens the door for future upgrades throughout South America.

IN THE COCKPIT

Sclearuc says flying the upgraded aircraft for the first time was a unique and memorable experience.

"Flying the actual aircraft really exceeded my expectations on the EASy IV program... the EASy II was better and reliable, but the EASy IV is really outstanding."

A FLIGHT BEYOND EXPECTATIONS

The collaboration between Honeywell and Dassault Falcon Jet (DFJ) reflects a shared commitment to excellence, transforming aircraft performance and customer experience alike.

"Keeping your aircraft updated is key to keeping the performance, safety and market value," Oliveira says. "It also improves the flight efficiency, the maintenance risks and the long-term investment you have in your aircraft."

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MODERNIZED PERFORMANCE AND VALUE

The dual power of EASy IV and the DU-1310-2 displays delivers a host of new capabilities:

- **Enhanced Situational Awareness** – 2D/3D airport moving maps and ADS-B traffic displays improve pilot visibility on ground and in flight.
- **Runway Overrun Awareness and Alerting System (ROAAS)** – Provides timely warnings to prevent runway excursions.
- **CPDLC Data Link Communication** – Meets European ATN B1 mandates and reduces pilot workload through text-based communication.
- **Improved Display Technology** – The new DU-1310-2 units offer higher brightness and clarity under any lighting condition – "like changing from an old HD TV to a new 8K TV," Sclearuc says.

"With these upgrades, our Falcon 7X operates at a new level of performance," says Carlos Zerbini, Director of Maintenance. "We gain safety, reliability, and easy maintenance. With this new solution, we increase the aircraft value."

CARLOS ZERBINI,
DIRECTOR OF MAINTENANCE



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