

HOW AIR JET FUTURE-PROOFED A GLOBAL EXPRESS WITH HONEYWELL

Case Study

Honeywell

OVERVIEW

When their Global Express needed a critical five-year inspection, Air Jet realized it was also the perfect time for some game-changing upgrades. That's when Honeywell and Bombardier sprang into action.

BACKGROUND

Air Jet, a leading Brazilian air charter company, is committed to maintaining the highest standards of safety and operational excellence. So, it's no surprise when their Global Express went in for a 5-year inspection, Fabricio Moura, Director of Operations, seized on the opportunity to integrate a suite of cutting-edge avionics upgrades, including Honeywell's RDR-7000 weather radar, CDU-830 FMS and CPDLC Step C.

“Our goal was to enhance the aircraft's performance, safety and efficiency,” Moura says, “and make sure it complies with European standards as we continue expanding globally.”

FABRICIO MOURA,
DIRECTOR OF OPERATIONS, AIR JET

Adds Miguel Jardim, Air Jet Maintenance Manager, “Our Global Express will be the first aircraft in Brazil with CPDLC Step C, which means we'll be able increase our flights to Europe and serve our customers better.”

The upgrade was facilitated by Jose Vinicius, Honeywell Regional Sales Manager, and Ricardo Lucas, Regional



Sales Manager at Bombardier. Their long-term partnership was key from start to finish.

“We've worked with Bombardier for many years, and our relationship is built on trust and shared goals,” Vinicius says.

“Together, we can offer customers like Air Jet integrated avionics solutions, ensuring that their aircraft remain at peak performance and are fully compliant with international regulations.”

According to Lucas, the timing of upgrades was optimal. “The five-year check is the perfect time to perform avionics upgrades. It minimizes downtime and addresses any obsolescence issues, like the need for parts that are no longer supported.”

COMPREHENSIVE UPGRADES

Lucas recommended a phased upgrade to transform Air Jet's Global Express with Honeywell's most advanced avionics:

- **The RDR-7000 radar** to enable predictive weather detection capabilities—covering turbulence, lightning, hail and wind shear—giving pilots vital tools to anticipate and avoid dangerous conditions.
- **The CDU-830 interface** to modernize the FMS with a user-friendly touchscreen and enhanced functionality.
- **CPDLC Step C** to allow text-based ATC communications for compliance in data link-mandated airspace, reducing the risks of miscommunication and enhancing overall operational efficiency.

Lucas explains, “For older aircraft like Air Jet's 25-year-old Global Express, we offer a convenient step-by-step process. From upgrading displays to installing the RDR-7000 radar, each phase improves safety and functionality.”

UNPARALLELED TEAMWORK

The seamless collaboration between Honeywell and Bombardier was critical for Air Jet. The process took place at the Bombardier service center in Opa-Locka, Florida, where Honeywell and Bombardier teams worked together to handle the avionics installation with best-in-class solutions.

LONG-TERM RELATIONSHIP

In reflecting on the upgrade, both Vinicius and Lucas stress the importance of building strong, long-term relationships with their customers.



“Of course I want to ensure my customers have the technology they need to operate safely and efficiently,” Vinicius says, “but our relationship is about more than just providing upgrades. It’s about offering continuous support and helping them achieve their strategic goals.”

**JOSE VINICIUS,
HONEYWELL REGIONAL SALES MANAGER**

Lucas couldn’t agree more. “Working with Air Jet has been a great experience. By offering the right avionics solutions, we ensure they maintain the highest safety standards and provide the best service to their clients. The close collaboration between Bombardier and Honeywell allows us to deliver the best of both worlds.”

Vinicius adds, “We’re excited to be able to support Air Jet as they continue to grow and expand their operations. With Honeywell’s cutting-edge technologies and Bombardier’s world-class service, Air Jet is positioned for success in the ever-evolving global aviation industry.”



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