

BLOCK 3 AVIONICS **TAKE YOUR G650** **TO NEW HEIGHTS**

Block 3 avionics upgrade improves safety, situational awareness, and ease of operations for Gulfstream G650/G650ER operators.

Primus Epic for Gulfstream PlaneView



Honeywell

NEW COCKPIT FEATURES AND FUNCTIONS BOOST PERFORMANCE

Upgrading your G650 or G650ER to business aviation's most advanced avionics suite. The new Block 3 upgrade to the Primus Epic for PlaneView cockpit gives pilots powerful new tools to enhance flight safety, improve situational awareness on the ground and in the air, and create a better flying experience for passengers.

AN IMPROVED DISPLAY EXPERIENCE

Vivid displays are front and center for the Block 3 upgrade. They provide four times higher resolution and a richer color palette, which makes enhanced synthetic vision system (SVS), 2D and 3D moving map and other images more realistic and viewable than ever, in daylight or at night. The SVS can use a two-thirds display option so the primary flight display can show other information even while the SVS is engaged.

ENHANCED SITUATIONAL AWARENESS ON THE GROUND AND IN THE AIR

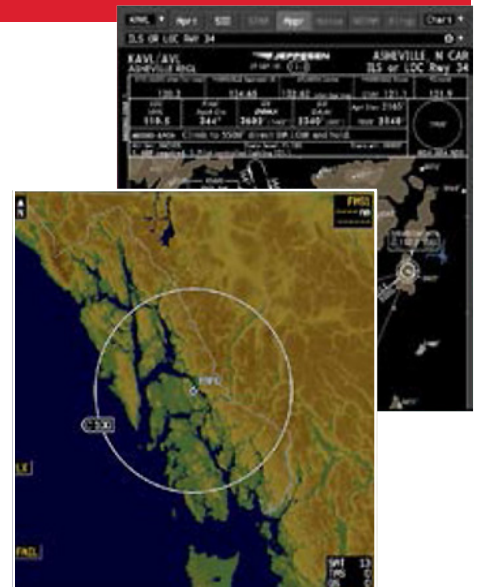
The new situational awareness package activates baseline and optional features in flight and on the ground to provide safer operation in high-traffic areas. It includes a 3D airport moving map that is presented on the primary flight display in an egocentric or exocentric view to improve orientation and position awareness. It also works with ADS-B In by allowing the flight crew to see traffic earlier on approach in high-volume ATC environments.

KEY BASELINE FEATURES:

- Vivid higher-resolution cockpit displays
- Two-dimensional airport moving maps
- ADS-B cockpit display of airborne and qualified surface traffic
- Night mode charts viewable in all cockpit lighting conditions
- Two-thirds display option for synthetic vision on the primary flight display
- Next generation flight management system update
- Communication management function version 3.4
- Localizer performance approaches

ADS-B IN VISUAL SEPARATION ON APPROACH

The ADS-B In cockpit display of airborne and surface traffic gives the flight crew the position of nearby ADS-B aircraft, qualified ground vehicles and obstacles on the 2D airport moving map display to enable safer taxiing. In the air, the cockpit display of traffic information provides graphical depiction of other aircraft to help pilots integrate radio communications with visually acquired aircraft and ADS-B surveillance information. This is an optional feature for in-service aircraft.





PREDICTIVE LANDING PERFORMANCE SYSTEM

Gulfstream and Honeywell's predictive landing performance system integrates Honeywell's Runway Overrun Awareness and Alerting System (ROAAS), which provides enhanced awareness to the crew on final approach and during landing and roll out. It also reduces the risk of runway excursions during landing, aids in the land or go-around decision, and provides a real time display of estimated stopping point.

For more information

Please visit [Gulfstream Aerospace](https://www.gulfstream.com/aerospace) or contact your Gulfstream representative for more information on the Block 3 upgrade for the G650 and G650ER.

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AUTOPILOT COUPLED TCAS

The autopilot coupled Traffic Alert Collision Avoidance System (TCAS) upgrade assists collision avoidance maneuvers by integrating the TCAS with the autopilot. The system performs evasive maneuvers in response to TCAS resolution advisories. It does not alter the existing TCAS function or affect the active lateral guidance.

PREDICTIVE WEATHER AND XM WEATHER

G650/G650ER aircraft are equipped with the Honeywell IntuVue RDR-4000 3D automatic weather radar system. The predictive weather hazards Block 3 upgrade extends the turbulence detection range from 40 to 60 nautical miles and displays predictive hail and lightning information. In addition, eight new XM Weather products are packaged and priced with these new weather features.

N61-3166-000-000 | 06/23
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