GARMIN® ANNOUNCES NEW ENHANCEMENTS TO THE G500/G600 GLASS FLIGHT DISPLAYS

News / Business aviation, Manufacturer

Garmin International Inc. announced an expanded feature set for the G500/G600 glass flight displays. The new GTX 345 all-in-one Automatic Dependent Surveillance-Broadcast (ADS-B) transponder now interfaces with the G500/G600 to display the benefits of ADS-B In traffic and weather. Additionally, database synchronization streamlines database updating when two G500/G600 systems are paired together or when a G500/G600 is paired with a GTN™ 650/750 touchscreen series navigator. Flight Stream 510 installed in a GTN enables Database Concierge wireless database updates across all installed G500/G600 and GTN products. The addition of European Visual Reporting Points (VRPs) and other customer-requested features also enable a variety of new capabilities within the G500/G600 glass flight displays.

“We continue to make enhancements to the G500/G600 that bring a wealth of capability to these systems through easy software upgrades,” said Carl Wolf, Garmin vice president of aviation sales and marketing. “We’ve listened to our customers and incorporated their requests to give them

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what they're looking for – additional ADS-B traffic and weather display options, simplified database management, enhanced cockpit connectivity and more. With this, we continue to raise the bar by incorporating a comprehensive feature set that surpasses other retrofit glass flight displays on the market."

GTX 345 ADS-B In traffic & weather

Advanced ADS-B integration is available with the GTX 345 all-in-one ADS-B transponder, offering pilots the capability to display ADS-B traffic and subscription-free Flight Information Service-Broadcast (FIS-B) weather1 on the G500/G600 flight displays. Regardless of the existing avionics configuration, the GTX 345 unlocks more capabilities for pilots by also displaying ADS-B traffic, weather, GPS position data and back-up attitude information on select Garmin portables, and the popular Garmin Pilot™ and ForeFlight Mobile apps via Bluetooth® and Connext® wireless technology. Unique features such as TerminalTraffic™ provides pilots with a comprehensive picture of ADS-B-equipped aircraft and ground vehicles in the airport environment. Further enhancing the traffic display, TargetTrend™ relative motion technology helps pilots visualize the trend of traffic as it relates to their aircraft. For customers with synthetic vision technology (SVT™) enabled, traffic targets are displayed on the PFD. Pilots also have access to a comprehensive set of FIS-B weather products via the GTX 345, including NEXRAD, METARs, TAFs, PIREPs, winds and temperatures aloft, NOTAMs and AIRMET/SIGMETs.

Database synchronization

Customers with one or more GTN touchscreen navigators installed alongside a G500/G600 or those with a dual G500/G600 installation receive additional benefits with database sync. Once customers complete the wireless database transfer to the GTN, the databases are automatically synced with the G500/G600. Chart streaming also allows pilots to view and utilize departure, approach and arrival charts when needed, even while the full chart database is synchronizing with the G500/G600.

When a G500/G600 is paired with a GTN 650/750 touchscreen navigator and Flight Stream 510, customers receive Database Concierge wireless database transfer capabilities via a mobile device operating Garmin Pilot. Pilots can more easily manage their database subscriptions with Flight Stream 510 and also receive additional benefits such as wireless flight plan transfer, the sharing of traffic, weather, GPS and more. With Flight Stream and a GTN, G500/G600 customers can also wirelessly display back-up attitude information within a mobile device.

Additional enhancements and updates

The G500/G600 flight displays also offer additional functions and options, including:

- European Visual Reporting Points (VRPs) display on the moving map
- Ownship icons match those from the GTN 650/750 touchscreen series
- Option to display weather radar across multiple displays in a dual G500/G600 installation
- For new installations, support for the GSU 75 ADAHRS combines air data, attitude and heading reference, which reduces wiring and installation complexity

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The new features and capabilities for the G500/G600 are expected to be available in September as a free software upgrade from Garmin Authorized Dealers (installation charges may apply). This software upgrade is supported by Garmin's award-winning aviation product support team, which provides 24/7 worldwide technical and warranty support. For additional information, visit www.garmin.com/aviation.

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