

Release 7 Upgrade For Columbia Aircraft



Release 7 brings WAAS GPS compatibility and factory-level system enhancements to your Entegra suite for enhanced performance and reliability.

Release 7 is a significant upgrade which brings WAAS capability to your Entegra Integrated Flight Deck.

In addition, Release 7 provides several new PFD features and brings your system up to the latest factory software levels and field-upgradeable hardware modifications.

Release 7 makes Entegra compatible with GNS400W/500W-series WAAS-capable GPS systems.



The Entegra Release 7 Upgrade for Columbia Aircraft includes the following features and enhancements.

PFD Release 7 Features:

- Adds support for GNS430W WAAS including integrated annunciations and LPV Guidance
- Extended Range on TAS and Ground Speed display to 999kts.
- Horizon Heading Reference Marks display Cardinal headings on the horizon
- Adds VLOC Cross Compare
- Enhanced Autopilot Annunciations
- Enhanced low speed awareness logic replaces red with white airspeed tape on takeoff roll and landing rollout
- HSI range and view settings persist for next flight
- Hardware and Software Enhancements for improved performance and reliability
 - AHRS Warm Start Capability
 - Improved fittings and connectors to better withstand the vibration and rigors of normal flight operations
 - Internal component upgrades that improve integration with aircraft systems and better protect the PFD from electrical system power surges
 - Incremental altitude accuracy improvement
 - Altimeter field calibration support

MFD Release 7 Features:

- MLB700 Broadcast Weather Datalink display support
- TWX670 Tactical Weather System display support
- Normal software updates to new-production levels for improved performance and reliability

Entegra Release 7 Upgrade Pricing

Release 7 includes upgrades for both your EXP5000 PFD and EX5000 MFD.

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| - Entegra Systems under new-product warranty, Flex Service Program, or with Release 6* | \$2,395 (plus installation) |
| - Entegra Systems with pre-Release 6 and not under warranty (over 2 years old) | \$3,895 (plus installation) |

List Price

Ordering Information

The Entegra Release 7 upgrade can be ordered directly from your Avidyne Distributor or Columbia Service Center at the prices listed above. The EXP5000 PFD needs to be removed by your dealer and sent to Avidyne's support center for the software and hardware upgrades. A new R7 flash memory will be provided for the EX5000 MFD upgrade, which will be installed by your dealer.

The EXP5000 PFD software and hardware upgrades will be completed at the Avidyne factory service center. Avidyne will schedule appointments through your dealer for the service. We request that you find a time that is convenient for you and your aircraft during normal maintenance. Please have your dealer call Avidyne at 1-800-284-3963 to schedule your upgrade. Pricing does not include service center charges for removal, reinstallation, calibration, labor, or dealer shipping to Avidyne.

**NOTES: Any customer who has previously upgraded to Release 6 is eligible for the in-warranty price. In-warranty units will be covered for remainder of warranty or six (6) months, whichever is greater. If your warranty has expired, you will receive six (6) months of warranty coverage. Pricing includes one-way shipping from Avidyne to the dealer. Pricing does not include service center charges for removal, reinstallation, calibration, labor, or dealer shipping to Avidyne*



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