GARMIN INTRODUCED ITS LARGEST TXI TOUCHSCREEN FLIGHT DISPLAY YET

News / Manufacturer

Garmin announced the new 12.1-inch display size in the TXi family of flight displays for piston, turboprop, and jet aircraft. The new display joins the existing 10.6-inch, 7-inch portrait and 7-inch landscape TXi flight displays. This additional display size increases the already versatile lineup of TXi upgrade possibilities, which deliver advanced PFD/MFD/EIS capabilities and provide an all Garmin retrofit path for hundreds of aircraft models.

The 12.1-inch touchscreen provides a 33% larger active display area while the thin bezel design keeps the overall unit width the same when compared to the 10.6-inch model. The new display matches the design of the TXi and GTN Xi navigator families and comes in both black and gray variations, allowing customers to design a comprehensive panel with a cohesive look and feel.

Larger indications and touchpoints provide improved readability for pilots as well as easier touchscreen interactions. Additionally, the larger display provides more visible vertical map distance at equivalent zoom ranges as well as an increased HSI map size and chart displays without impacting the screen layouts. A single 12.1-inch display can be set for either PFD, MFD, or PFD/MFD functionality with an optional engine indication system strip. Like the rest of the TXi

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family, the 12.1-inch TXi flight display features a bright, sunlight readable high-resolution LCD touchscreen display. Powerful dual-core processors boost the system’s graphical capabilities — with swift zooming, panning and map rendering. Pilots can easily access display functions with touchscreen inputs or via the familiar concentric knobs.

TXi flights displays allow aircraft owners and operators to replace maintenance-prone mechanical gyros with reliable solid-state attitude heading reference system sensors. These digital systems can reduce lifecycle costs and improve dispatch reliability while also offering weight savings. By incorporating TXi engine monitoring, pilots can more easily see and analyze critical engine, fuel and electrical parameters to help maintain the best, most efficient performance from the aircraft. Extensive integration capabilities with Garmin systems and select third-party systems enable TXi flight displays to provide a simplified, feature-rich upgrade. The 12.1-inch TXi flight display is expected to be available in Q3 2025 through Garmin authorized dealers.

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