



PIPER AIRCRAFT - EXPERIENCE THE LATEST EVOLUTION OF GARMIN SOFTWARE

News / Business aviation, Events / Festivals, Manufacturer



Piper Aircraft has implemented the latest evolution of Garmin software at NBAA-BACE in Orlando, FL. Piper Aircraft is committed to providing innovative safety enhancing technologies throughout its fleet. Previously, Piper Aircraft was first to market with Garmin's Collier award-winning Autoland technology, a standard feature included on the M600/SLS.

The latest in Garmin software innovations designed for the G3000 avionics suite, which Piper Aircraft uses in their flagship turboprop, the M600/SLS will be on display in the convention center at NBAA. The updated software includes enhancements to the synthetic vision system, weather radar, navigation, flight planning, checklists, and Safetaxi. Additionally, the system will provide advanced database management with automation. One of the most significant additions is the new 3D SafeTaxi, which expands ground situational awareness with an advanced 3D depiction of the ground environment, including airport markers, buildings, and other position markings. The aircraft view displayed on the avionics can depict a 3D model of the aircraft, showing its position from

above and behind. New to the system is taxiway routing guidance which further increases pilot awareness by providing both graphical and textual information, supporting the pilot at even the most complex airports. A taxiway route is entered through the taxiway selection screen, and then the system will use the aircraft position to depict the route on the display.

Ron Gunnarson, Vice President of Sales, Marketing and Customer Support at Piper Aircraft, commented: "Bringing the latest avionics innovations to the G3000 equipped M600/SLS reaffirms our commitment to safety and remaining at the forefront of general aviation technology for all of our customers. We look forward to watching our customers utilize this technology and appreciate our ongoing partnership with Garmin."



The Piper M600/SLS with HALO Safety System is the first general aviation aircraft certified with Garmin Autoland. The revolutionary system supports digital technology that safely lands the aircraft at the nearest suitable airport in the event that the pilot is incapacitated. Additionally, the Garmin G3000 avionics suite includes Autothrottle, Autoland, Emergency Descent Mode, Electronic Stability Protection, Surface Watch, SafeTaxi, and Connectivity, all of which are designed to enhance safe operation of the aircraft. Beyond the flight deck, the six-seat M600/SLS is powered by a Pratt & Whitney PT6A-42A 600 SHP engine. The aircraft has a maximum cruise speed of 274 ktas/507 km/h, a max range of 1,658 nm/2,748 km, and a standard useful load of 2,400 lbs/1,089 kg.

15 OCTOBER 2022

ARTICLE LINK:

<https://50skyshades.com/news/business-aviation/piper-aircraft-experience-the-latest-evolution-of-garmin-software>