



DAHER TBM 960 MAKES ITS EUROPEAN EVENT PREMIERE AT AERO FRIEDRICHSHAFEN

News / Events / Festivals, Manufacturer



Daher TBM 960 is making its first public European appearance at AERO Friedrichshafen. Displayed on Daher stand is a TBM 960 configured in the new “Sirocco” paint scheme, which is owned by a private European customer. The Model Year 2023 TBM 960 Garmin G3000 integrated flight deck is further enhanced with updated software. Additionally, Daher continued focus on ergonomics for operational safety and situational awareness includes a control yoke activation button for the Garmin Electronic Checklists, and a repositioning of the altimeter setting button.

Nicolas Chabbert, the Senior Vice President of Daher Aircraft Division, commented: “The TBM 960 has surpassed all previous sales records, confirming the capabilities of digital power for this latest high-end member of our TBM 900-series aircraft family. Owners and operators give high marks for its superior piloting experience, high level of safety and increased cabin comfort, as well as the enhanced efficiency and sustainability.”

To date, Daher has delivered a total of nearly 60 TBM 960s. In addition to the majority of aircraft received by North American customers, European deliveries of the TBM 960 have been made in France, Germany, Switzerland and the United Kingdom. Key features of the TBM 960 include the

new PT6E-66XT turboprop engine – purpose-built by Pratt & Whitney Canada for this aircraft, and Hartzell Propeller’s five-blade composite propeller with the Raptor lightweight hub. Both the engine and propeller system are linked to the TBM 960 dual-channel digital Engine and Propeller Electronic Control System.

With the EPECS, the PT6E-66XT engine’s startup is fully automated after a single-switch activation. The cockpit’s power lever becomes an e-throttle, using a single forward position from takeoff to landing – with the EPECS optimizing powerplant performance throughout the flight envelope while reducing pilot workload by integrating all functions and protecting the engine’s life.

The Hartzell propeller is fully integrated into the aircraft’s propulsion system. It is specifically designed to reduce overall weight and improve the TBM 960’s takeoff distance, climb and cruise speed. Turning at 1,925 rpm during maximum power output, the propeller contributes to limiting noise and vibration. Its sound level during takeoff is just 76.4 decibels, meeting the most stringent international noise standards.

In retaining the performance of Daher’s TBM 900-series aircraft, the TBM 960 digital control enables the pilot to fly with more precise settings. At Daher’s recommended cruise setting of 308 kts., the fuel consumption is only 57 U.S. gallons per hour – a 10 percent fuel economy compared to the maximum cruise setting for more sustainability.

Daher’s use of digital power for the TBM 960 extends into the aircraft’s Prestige cabin, featuring an all-new environmental control system produced by Enviro Systems Inc. Other enhancements include LED ambience strip lighting integrated into both sides of the overhead ceiling panel, and electronically-dimmable windows – all controlled by a Passenger Comfort Display. Other enhancements in the cabin’s style and comfort are ergonomically enhanced seats, USB-A and USB-C power plugs, along with individual cupholders and headset hangers for each occupant.

The TBM 960 retains safety features that have contributed to the commercial success of Daher’s previous high-end TBM version – the TBM 940. Notably, the G3000 integrated flight deck enables the TBM’s e-copilot functions: icing protection system; flight envelope monitoring through the Electronic Stability and Protection and the Under-speed Protection systems; the Emergency Descent Mode function; as well as the game-changing HomeSafe emergency autoland system.

To date, Daher has delivered a total of 1,139 TBMs in the aircraft’s 12 different versions – of which approximately 20 percent have been acquired by European customers.

19 APRIL 2023

ARTICLE LINK:

<https://50skyshades.com/news/manufacturer/daher-tbm-960-makes-its-european-event-premiere-at-aero-friedrichshafen>