DAHER TBM 940 UNVEILED

News / Business aviation, Manufacturer

Welcome a new model from Daher - TBM 940! With a smart ans stylish canib, it will bring more automation in the cockpit to ease handling of the very fast turboprop aicraft.

Daher introduced the latest version of its single-engine very fast turboprop aircraft – the TBM 940 – which sets new standards with the integration of an automated throttle and automatic deicing system, along with enhancements to style and ergonomic elements inside the cabin.

Succeeding the current TBM 930 as the upper-end product in Daher's TBM family, the TBM 940 marks important steps forward in further upgrading aircraft performance, safety and comfort. The TBM 940's launch was announced today during the Safety Seminar meeting of the TBM Owners and Pilots Association (TBMOPA), held in Pompano Beach, Florida, USA.

"The TBM 940 redefines the ultimate private aircraft: user-friendly, safe and efficient for both pilots and passengers," said Nicolas Chabbert, Senior Vice President of the Daher Airplane Business Unit. "This newest TBM family member underscores our firm commitment to constant improvement for the ownership and operational experience with our very fast turboprop aircraft."

One key TBM 940 feature is its automated throttle – the first ever installed on a standard production turboprop aircraft weighing less than 12,500 lbs. (5.7 metric tons). Fully integrated with the autopilot, this single power lever autothrottle automatically adjusts the aircraft's speeds based on the preset flight profile – from climb-out to the landing approach.

In addition to reducing pilot workload, the autothrottle enables a TBM 940 to be operated to the

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edge of approved power regimes for its Pratt & Whitney Canada PT6A-66D turboprop engine, providing optimum performance and efficiency from the powerplant.

Engine parameters display is also simplified through an intuitive single smart gauge.

Also introduced on the TBM 940 is increased automation for the deicing system – another first in the TBM's aircraft category. When icing or ice accretion is detected – and if the pilot does not take action – the system is automatically activated for deicing of the airframe, windshield, propeller and the engine's particle separator. An amber CAS (Crew Alerting System) message is displayed by the avionics, advising the pilot to clear the automatic activation and revert to the manual control mode.

The automatic deicing protection and autothrottle are fully aligned with Daher's e-copilot® strategy of introducing functionality for improved operational safety on the TBM product line.

Inside the TBM 940's cabin, Daher has incorporated ergonomic and style upgrades that include redesigned seats, additional thermal insulation for the cabin sidewalls, a new central shelf with side storage, an additional 115V electrical outlet at the right rear seat panel, and USB ports (bringing the overall total of USB ports to six for passengers and three for the pilots).

The TBM 940 retains the same range and handling qualities that made Daher's TBM 900 series a true success, with more than 267 aircraft in this product line delivered from the overall production to date for the very fast turboprop aircraft.

Certification of the TBM 940 by the European Aviation Safety Agency (EASA) and the U.S. Federal Aviation Administration (FAA) is expected to be received at Aero Friedrichshafen 2019, the largest European airshow for general aviation, allowing new aircraft deliveries late spring this year.

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