Daher delivers Europe’s first TBM 930 to Rheinland Air Service at the AERO Friedrichshafen show in Germany

- The TBM 930 and TBM 900 – Daher’s latest members of its very fast turboprop aircraft family – are highlighted during Europe’s leading general aviation airshow

Friedrichshafen, Germany, April 20, 2016 – Daher’s expanded TBM very fast turboprop aircraft product line takes center stage at the annual AERO Friedrichshafen show in Germany this week, where the first TBM 930 version for Europe is being delivered to Rheinland Air Service (RAS), the TBM Authorized Distributor in Austria and Germany.

The new TBM 930 incorporates further upgrades to its avionics suite, building on Daher’s achievements with the TBM 900 version – which is a confirmed business aviation success, delivering more than 110 aircraft since its launch two years ago.

Daher officially unveiled the TBM 930 on April 5 at Daher’s factory in Tarbes, France, along with its enhanced Model Year TBM 900.

“Our presence at AERO Friedrichshafen follows an outstanding welcome at the TBM 930’s unveiling in Tarbes, and immediately afterwards during the U.S. Sun ’n Fun International Fly-In Expo – where we presented the first TBM 930 in America,” explained Nicolas Chabbert, the Senior Vice President of Daher’s Airplane Business Unit. “The expansion of our product line already has shown its results in the European market: we have more TBM orders so far in 2016 from European customers than last year, and our sales team is expecting many potential buyers at the Friedrichshafen show.”

Chabbert said initial orders already have been booked for the TBM 930, with deliveries now underway for the aircraft, which is certified by the European EASA and U.S. FAA airworthiness authorities.
Johannes Graf von Schaesberg, Rheinland Air Service’s CEO, said the TBM product line is well suited to the transportation needs of European owner/operators, businesses and air taxi operations. Rheinland Air Service is located at Germany’s Düsseldorf Mönchengladbach Airport.

"With both the TBM 900 and the TBM 930, we now have an excellent product line for our customer base," he added. "As the TBM fleet continues to grow in our coverage area of Germany and Austria – with 25 TBMs operated as of April this year – we also are expanding our services, which now include EASA-approved flight training in the TBM series to better serve our customers."

Introducing the TBM 930 as the latest step in Daher’s very fast turboprop aircraft family evolution, this version integrates Garmin’s G3000 avionics suite – the first touchscreen-controlled glass flight deck ever designed for light turbine aircraft. Its cockpit instrument panel’s three wide-format WXGA displays can operate in a split-screen mode, enabling maps and flight plans to remain on the screen side-by-side with primary, traffic and weather information.

A new glass touchscreen controller serves as the pilot’s primary point of entry for the G3000 system, displaying communication and navigation controls. In addition, the G3000 avionics suite’s high resolution displays enhance the presentation of simulated 3-D perspective topography for Garmin’s SVT™ Synthetic Vision Technology.

In terms of aesthetics, Daher has developed an enhanced interior for the TBM 930 with redesigned seating and headrests, along with a new choice of wood or carbon finishes. For an additional touch of style, polished metal is used for handles, door sills and steps.

In addition to the TBM 930’s introduction, Daher has integrated the company’s e-copilot™ function on Model Year 2016 aircraft for both the TBM 900 and TBM 930 versions, incorporating the following systems and functionality for reduced pilot workload:

- A sensor and angle of attack (AOA) calculator, providing angle of attack information on the primary flight display;
- Electronic stabilization and protection systems (ESP) and Under Speed Protection (USP), which are connected to the AOA computer. These electronic monitoring and stability augmentation systems assist the pilot in maintaining the aircraft in a stable flight condition when flight parameters are exceeded;
- An emergency descent mode (EDM) in the autopilot, which places the aircraft in automatic descent to a safe altitude of 15,000-ft. in the event of cabin depressurization and lack of pilot response; and
- New voice alerts – providing notification on stall, overspeed, landing gear status and oxygen mask use – which replace aural sounds for better warning identification.

With the TBM product line expansion, distinguishing differences between the TBM 900 and TBM 930 are concentrated on their primary avionics.
Daher’s Model Year 2016 TBM 900 retains the liquid crystal displays with Garmin’s G1000 avionics system – incorporating a pair of 10-inch screens and a multifunction display sized at 15 inches, along with a physical keyboard for navigation and communication functions.

New this year is the TBM 900’s Bluetooth FS 210 connection system, which enables the use of a tablet or smart phone to prepare maps and flight plans.

About Daher - www.daher.com
Daher is an equipment supplier developing Integrated Industrial systems for aerospace and advanced technologies.

By combining its expertise in industrial manufacturing, product and process engineering, logistics and transport, and industrial services, Daher designs and develops integrated industrial systems. Daher has established itself as a leader in five fields of activity: aircraft manufacturing, aerostructures and systems, integrated logistics, nuclear services, and valves.

In 2015, Daher posted a turnover superior to one billion euros, and its order book stands at around three-and-a-half years of turnover. Driven by bold innovation ever since it was founded in 1863, Daher has established itself today as one of the major players of the factory of the future – Factory 4.0.

About Daher TBM aircraft - www.tbm.aero

The TBM 900 and TBM 930 are the newest members of Daher’s TBM business turboprop aircraft family. They offer performance close to that of light business jets – maximum cruise speed of 330 knots (611 km./hr.) – by offering a maximum range of 1,730 naut. mi. (3,200 km.), and provide greater flexibility with their load-carrying capacity and the ability operate from small airports.

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Main features: Typical accommodation: 1 pilot + 5 passengers
Quick change passenger cabin configuration
Avionics: Garmin G1000 all-glass integrated flight deck system
AOA (Angle of attack indicator), ESP/USP (Enhanced Safety Protection/Under Speed Protection), EDM (Emergency Descent Monitor)
Garmin’s Flight Stream 210 Bluetooth® linkup between a mobile device running Garmin Pilot™ application. This enables the syncing of prepared flight plans and streaming of GPS, weather, traffic and other information to/from the avionics system.

POWERPLANT
Type: P&W Canada PT6A-66D turboprop
Thermodynamic power 1825 hp.
Nominal power 850 shp.
Usable fuel capacity 291 U.S. gal. 1,100 liters

INTERNAL DIMENSIONS
Maximum cabin width 3 ft. 11.64 in. 1.21 m.
Maximum cabin length 13 ft. 3.45 in. 4.05 m.
Maximum cabin height 4 ft. 1.22 m.
Maximum volume in cabin 123 cu. ft. 3.5 sq. m.

LOADING
Basic empty weight 4,629 lb. 2,097 kg.
Maximum ramp weight (MRW) 7,430 lb. 3,370 kg.
Maximum takeoff weight 7,394 lb. 3,354 kg.
Maximum zero fuel weight 6,032 lb. 2,736 kg.
Maximum payload 1,403 lb. 636 kg.
Maximum payload with full fuel: 891 lb. 404 kg.
Maximum luggage in storage areas (4 seats) 507 lb. 230 kg.
Maximum luggage in storage areas (6 seats) 330 lb. 135 kg.
Maximum luggage volume (large net): 30¼ cu. ft. 0.989 cu. m.

PERFORMANCE (ISA conditions, MTOW, no wind)
Maximum cruise speed at long-range settings 252 KTAS 467 km/h
Maximum cruise speed at 28,000 ft. 330 KTAS 611 km/h
Time-to climb to 31,000 ft. 8 min. 45 sec.
Certified ceiling 31,000 ft. 9,449 m.

RUNWAY DISTANCES (ISA conditions, MTOW, no wind, 50 ft. obstacle clearance)
Takeoff 2,380 ft. 726 m.
Landing 2,430 ft. 741 m.

MAX RANGE with max. fuel (ISA, MTOW, no wind, one pilot, 45 min fuel reserve)
252 KTAS cruise speed 1,730 NM 3,304 km
290 KTAS cruise speed 1,585 NM 2,935 km
326 KTAS cruise speed 1,440 NM 2,666 km

Suggested prices for 2016 delivery
TBM 900 with standard Equipment $ 3,658,336.00
TBM 900 with Special ‘Elite’ Package $ 3,889,626.00
Typical accommodation: 1 pilot + 5 passengers
Advanced interior, quick change passenger cabin configuration

Avionics: Garmin G3000, all-glass integrated avionics system with high-resolution displays and touchscreen controllers.
AOA (Angle of attack indicator), ESP/USP (Enhanced Safety Protection/Under Speed Protection), EDM (Emergency Descent Monitor)

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RUNWAY DISTANCES (ISA conditions, MTOW, no wind, 50 ft. obstacle clearance)
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Landing 2,430 ft. 741 m.

MAX RANGE with max. fuel (ISA, MTOW, no wind, one pilot, 45 min fuel reserve) @ 31,000 ft.
252 KTAS cruise speed 1,730 NM 3,304 km
290 KTAS cruise speed 1,585 NM 2,935 km
326 KTAS cruise speed 1,440 NM 2,666 km

Suggested prices for 2016 delivery
TBM 930 with standard Equipment $ 3,899,887.00
TBM 930 with Special ‘Elite’ Package $ 4,099,270.00