



News Releases

2007 Very Fast Turboprop (VFT) TBM 850 features GMX 200

- State-of-the-art multi-function display for the world's fastest single turboprop



Aéro-Club de France, Paris, 29 January 2007: EADS Socata has presented today during a press conference its 2007 version of the Very Fast Turboprop (VFT) TBM 850 aircraft. Compared to the previous version, the 2007 model features the last generation Garmin GMX 200 Multi-function display (MFD) as a standard equipment. The GMX200 provides a focal point for the broad range of information already available to TBM 850 pilots, integrating a moving map, radar, traffic and terrain into a single display. In addition the GMX 200 will offer the options of XM weather in the USA and the impressive ChartView on-route and approach charts from Jeppesen.



With a high resolution display 20% larger than the TBM 850's previous MFD and a backlighting system offering more contrast under bright sunlight conditions the GMX 200 is designed to improve pilot's situational awareness.



"The addition of XM weather and approach charts to the TBM 850 further strengthens the already first class information available to TBM pilots" said Nicolas Chabbert, EADS Socata's VP of Sales and Marketing. "We expect both options to be highly popular with owners. ChartView is real step forward to the e-cockpit allowing pilot to track the position of the aircraft on actual representations".



Base price for the 2007 TBM 850 is set at \$2,626,910. With typical customer options and equipped for RVSM (Reduced Vertical Separation Minimum) operation a 2007 model will list at 2,850,000 USD.

Built on the success of the TBM 700, the TBM 850 offers its pilots and operators a maximum cruising speed of 320 KTAS at flight level 260 (in ISA conditions) combining the cruising speed and trip times of a light jet with the economic direct operating costs, range and useful load of a world-class single-engine turboprop.



The powerplant of the TBM 850 is Pratt & Whitney Canada's PT6A-66D, the latest addition to the world's most popular family of turboprop engines, (with over 32,000 engines produced to date). The PT6A-66D delivers 1,825 eshp flat-rated to 850 shp for the TBM 850. Its single-crystal compressor blades enable higher turbine temperatures and coupled with a new first-stage compressor design gives the TBM 850 its enhanced high-altitude performance.



The TBM 850 is available via EADS Socata's existing direct sales and distribution network, and is supported by its extensive worldwide network of service centers.

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Socata TBM 850 Key Development Milestones

- Project start: August, 2004
- First flight of the TBM 850 prototype: February, 2005
- EASA certification : 28 November, 2006
- FAA certification : 23 January, 2006
- First flight of the first production TBM 850 : 23 January, 2006

Socata TBM 850 in figures

Powerplant	PWC PT6A-66D turboprop	
Thermodynamic power	1825 eshp	
Nominal power:	850 shp	
Usable fuel capacity:	281.6 gal	1,066 liters
Dimensions		
Overall length	34.92 ft	10.645 m
Wingspan	41.60 ft	12.680 m
Internal		
Maximum freight volume in cabin	123.6 cu. ft.	3.5 cu.m
Loading		
Basic empty weight	4,699 lb	2,132 kg
Maximum ramp weight (MRW)	7,430 lbs	3,373 kg
Basic maximum payload	1,333 lb	605 kg
Maximum payload with maximum fuel	849 lb	385 kg
Maximum luggage in storage areas	297 lb	135 kg
Performance (ISA conditions, MTOW, No wind,)		
Maximum Cruising Speed	252 KTAS	467 Km/h
At long-range settings		
Maximum cruise speed	320 KTAS	593 km/h
At 26,000 ft		
Time to climb to 26,000 ft	15 min	
Time to climb to	20 min	
Certified ceiling	31,000 ft	9,449 m
Distances (ISA conditions, MTOW, No wind, 50 ft obstacle clearance)		
Takeoff	2,840 ft	866 m
Landing	2,430 ft	741 m
Maximum range (ISA conditions, MTOW, No wind, 45 min fuel reserve)		
At long-range settings		
With maximum payload	1,100 Nm	2,037 km
With maximum fuel	1,520Nm	2,815 km
At maximum cruise speed		
With maximum payload	1,005 Nm	1,861 km
With maximum fuel	1,365 Nm	2,528 km