

TBM 940



**2020 Daher TBM 940
N940DT sn 1319
Pilot Door – Elite Edition**

AIRFRAME: FERRY TIME ONLY
ENGINE: FERRY TIME ONLY

Airframe:

- Metal structure and skin paneling
- Carbon fiber engine cowling and winglets
- Anti-corrosion protection treatment
- Retractable gear with electrohydraulic actuation
- Hydraulic disc brakes
- Pressurized 6 seats cabin (6.2 psi) and baggage compartment
- Sound proofing and thermal insulation
- Pilot Access Door
- Large access door with retractable stairway
- Emergency exit
- Front storage compartment (not pressurized) with lockable access door
- Easy maintenance access doors
- Wing Tie-down attachments
- Jacking points
- Gaseous oxygen system for 6 seats and quick donning masks with Smart Mike for pilot & copilot

Engine:

- PT6 A66D Pratt & Whitney Canada turboprop engine developing 1825 SHP thermodynamic, flat rated at 850 SHP propeller with overspeed limiter, full feathering and reverse
- Oil cooler
- Anti-icing air inlet with inertial separator without operational limitation
- Dual polished exhaust system aerodynamically optimized
- Service access doors in cowlings
- Dual engine Chip detector displayed on flight display
- Flight Data Acquisition Storage and Transmission System (FAST)

Propeller:

- Full composite electrically de-iced five bladed HARTZELL constant speed
- Polished aluminum spinner cone

Controls:

- Dual flight controls, control wheel with 7 integrated functions, leather covered.
(Electric pitch, rudder trim, Transp, Change freq COM1, on pilot control wheel)
- Elevator, rudder and aileron electric trim
- Electrical pre-select flaps with integrated asymmetry detection system
- Central console including:
 - single lever power control featuring Autothrottle associated with engine smart single gauge, low bleed idle inhibition
 - electric flap control
 - fuel selector
 - manual pitch trim
 - ailerons electric trim
 - manual override control



- Adjustable rudder pedals
- Landing gear handle
- Dual toe brakes - Parking brake
- Landing gear emergency extension handle
- Automatic environment and pressurization control system with max diff mode
- Alternate static source control
- Alternate ram air source control

Fuel Equipment:

- One structural fuel tank per wing
- Engine driven fuel pump
- Standby electrical fuel pump and low pressure switch/ indication
- Fuel tank selector with automatic fuel tank sequencer unit
- Capacitive fuel gauges with low fuel level warning system

Ice protection:

- Auto-Deice System
- Pneumatically deiced wing and tail unit
- Heated engine air intake lip
- Pilot controlled engine inertial separator
- Electrically heated propeller blades
- Electrically heated pitot tubes
- Electrically deiced stall warning sensor
- Pilot & Co-pilot electrically heated windshields - Ice detector light



Electrical Equipment:

- New automatic starter generator transition during start
- Lead acid battery 24V-42 A.h
- Starter generator 28V-300 Amp
- Standby generator 28 V- 100 Amp
- Electrical power control center
- Circuit breakers
- Anticollision lights - Beacon on Winglets & tail
- Navigation lights - Taxiing and landing LED lights
- Ground power plug - Ground clearance energy saver
- Tri-band ELT with GPS connection
- 14 V port + 7 High Power USB charging ports
- 115V Universal Power Port

Instruments & Standard avionics:

- 1 GMA 36B Audio controller with Bluetooth audio link and integrated marker beacon receiver, intercom and public address capability
- 2 GDU 1250W 12" WUXGA high resolution Primary Flight Displays
- 1 GDU 1250W 12" WUXGA high resolution Multi-Function Display with engine, pressurization, electrical, fuel, flaps and trims indication, Crew Alerting System (CAS), aircraft synoptics and navigation mapping system.
- 2 GIA 64W Nav/Com/ILS/WAAS GPS
- 2 GEA 71B Engine and airframe interface unit

- 2 GRS 79 Attitude and Heading Reference System (AHRS)
- 2 GMU 44 triaxial magnetometer
- 2 GDC 72B digital air-data computers w/ dual probe system
- 1 GTX345 Mode S Extended Squitter Transponder #1 ADS-B in & out
- 2 GTC580 Tactile Controllers conveniently located on reclined section of panel
- 1 GMC 710 autopilot and autothrottle mode controller located in upper central panel
- 4 GSA 81 torque flight servos (yaw, pitch, pitch trim and roll)
- 1 GSA 87 Servo actuator for Autothrottle
- 1 GTA 82 adapter for yaw auto trim device
- 1 MD302 Back up Attitude, Airspeed, Altitude and Heading digital display with MD32 remote magnetometer
- LPV, LNAV/VNAV (including Baro VNAV) approaches support and advisory vertical guidance for LP, LNAV and Visual approaches
- e-Copilot:
 - ESP Electronic Stability and Underspeed Protection
 - AOA/Stall Indicator and Stick Shaker based on heated probe
 - Surface Watch for airport environment awareness
 - Auto-Ice protection system with ice detection sensor
 - LVL Level button for roll and roll attitude
 - EDM Emergency Descent Mode
 - Auto-Throttle for engine protection
- 1 Flightstream FS510 Bluetooth/WiFi allowing Tablet to Avionics secured exchange information channel
- Voice Alert System
- Airframe de-icing control panel
- Inertial separator control
- Parking brake control
- Landing gear control panel
- Electric generation controls and monitoring on overhead panel
- Crew Alerting System displayed on GDU with dedicated master caution & warning alerts
- Flight Data Recorder ◦ Digital Flight time hour Meter
- Cabin temperature control (dual zone, with override capability)
- Heated stall warning system ◦ 2 Bose Headsets
- Digital chronometer displayed on GDU 1040s
- Instrument panel lighting, CB dedicated switch lightning



Premium Edition Fittings including:

- ELITE Interior – allows for cabin seating to accommodate Club, Forward Facing or other seating configurations
- 6 Heated leather seats with adjustable backrests, folding armrests and intermediate seats
- Contrasting Red Stitching all seats
- Fully adjustable (3-axis) pilot and co-pilot seats and adjustable rudder pedals
- Cabin accommodation capable of 4 seats layout includes 2 nets for luggage load
- Leather upper cabin side panels, leather covered lower cabin side panels, wool carpeting
- Individual fresh-air vents and reading lights
- Pilot and co-pilot sun visors
- Ship-powered headset jacks behind each seat (Bose Lemo plugs)
- Baggage compartment with straps and baggage net
- Halon cabin extinguisher
- Parking protection kit - Windshield cover
- Environment system w/ engine driven air-conditioning system (VCS)



Enhanced Operational Package:

- RVSM data package
- GRA 55 Radar Altimeter displayed on PFD's
- TAWS-B, class B TAWS worldwide database
- GTS 820 Traffic Advisory System (TAS) displayed on MFD and PFD inset map
- KN 63 DME displayed on PFD's
- Electric pitch and rudder trims on co-pilot control wheel
- Co-pilot side map light and approach plate holder
- WX 500 Stormscope displayable on all screens
- GWX70 digital four color weather radar with Turbulence Detection and Ground Clutter Suppression and 10" antenna
- Gold or Brushed stainless trimming of individual fresh-air vents and reading light rings

Additional Features:

- Auto-Throttle
- Auto-Deice
- HomeSafe Emergency Auto-Land System (retrofittable at FAA/Transport Canada Certification)
- GDL 69 A datalink XM/WX weather information and XM audio infotainment (US Coverage Only)
- GTX 345 Extended Squitter Mode S Transponder (#2) ADS-B in & out
- Chart view option for GDUs
- One lower storage cabinet (left)
- Synthetic Vision Technology displayed PFD's
- GSR56 datalink with satphone through headsets and WX weather information (worldwide coverage - subscription required)
- Deluxe wood or carbon trim interior package on central upper panel, table and face of cabinets – Polished Side Seat Beam
- Tech Pub services included: Pilot's Operating Handbook hard copy with revision service, Check-list with revision service, MyTBMDoc app with automatic sync service
- Jeppesen data bases – One year subscription (Americas or International) includes NavData, Safe Taxi, Obstacles, Terrain, Airport Directory, Chart View
- Garmin's Pilot's guide and Cockpit reference guide in hard copies
- Two Training Vouchers for factory authorized training at Simcom

Warranty/Maintenance:

- 2020 TBM 940 CARE PROGRAM : up to the Aircraft fifth (5th) Annual Inspection or up to 1,000 flight hours total time, whichever comes first, and assigned to the original first retail customer. CAMP computerized maintenance follow-up.
 - Avionics System Warranty extension to 5 years*
 - System Warranty extension to 5 years or 1,000 hours*
- * see warranty documentation for specific details of coverage



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Specifications subject to verification