



# M500

CABIN CLASS, SINGLE-ENGINE, PRESSURIZED TURBOPROP



WITH A NORMAL CRUISE FUEL BURN OF JUST 35 GPH, THE M500 IS THE MOST FUEL-EFFICIENT TURBO PROP AVAILABLE TODAY. IT IS 40% MORE EFFICIENT THAN THE CLOSEST COMPETITOR. PAIR THIS WITH A 1.5 MILLION DOLLAR SAVINGS IN ACQUISITION COST. THE M500 WILL GET YOU WHERE YOU WANT TO BE WITH EFFICIENCY AND ECONOMY.



## SPECIFICATIONS AND PERFORMANCE

### PROPELLER

Hartzell 4-Blade  
Constant Speed  
Full Feathering  
Reversible

### FUEL CAPACITY

**Usable**  
170 US gal | 644 L

### ENGINE

**Pratt & Whitney PT6A-42A**  
Flat-Rated Horsepower  
at 500 shp

### DIMENSIONS

**Wingspan:** 43 ft | 13.11 m  
**Height:** 11.3 ft | 3.5 m  
**Length:** 29.6 ft | 9.1 m

### WEIGHTS

**Maximum Takeoff Weight:**  
5,092 lb | 2,310 kg  
**Maximum Ramp Weight:**  
5,134 lb | 2,329 kg  
**Standard Equipped Weight**  
3,436 lb | 1,559 kg  
**Standard Useful Load:**  
1,698 lb | 770 kg



### Max Range

1,000 nm  
1,852 km

### Takeoff Distance (Over 50' Obstacle)

2,438 ft  
743 m

### Max Cruise Speed

260 ktas  
482 km/hr

### Max Approved Altitude

30,000 ft | 9,144 m  
28,000 ft | 8,534 m  
(for RVSM airspace)

### Max Cabin Differential

5.5 psi

### Landing Distance (Over 50' Obstacle)

2,110 ft  
643 m

## AVIONICS

### GARMIN G1000 NXi IS THE NEXT GENERATION OF GLASS COCKPITS

The G1000 NXi system takes the legacy G1000 glass flight deck platform to a higher level of performance and capability. It combines added processing power with brighter, smoother high-resolution displays and enhanced optional features, including SurfaceWatch runway identification and alerting technology, Connex (Flight Stream 510) wireless cockpit connectivity, HSI mapping on your primary flight display, NEXRAD datalink weather and autopilot coupled visual approaches down to pilot selectable minimums.

### STANDARD FEATURES

- GARMIN G1000 NXi AVIONICS SUITE with GFC 700 AutoPilot and Enhanced AFCS Enablement
- GMC 710 AP Controller and Yaw Damper System
- GCU 476 Keypad
- Aspen Standby EFD 1000
- GMA-350C Digital Audio Panel
- GTX 335R Transponder (ADS-B OUT)
- GWX 68 Weather Radar
- FIKI - Flight Into Known Icing
- Garmin FliteCharts
- Garmin SafeTaxi
- Air Conditioning
- Bose A20 Headsets (2)
- USB Charging Ports
- Integrated Digital Cabin Pressurization System
- Rosen Shades

## OPTIONAL FEATURES

- SurfaceWatch
- Jeppesen ChartView
- SVT - Garmin Synthetic Vision
- TAWS-B (Terrain Awareness and Warning System)
- Flight Stream 510 with Connex
- GDL 69 SXM Satellite Radio / Weather
- GSR 56 Iridium Transceiver
- L3 WX-500 Stormscope
- GTS 825 Traffic Advisory System
- GTX 345 Second Digital Transponder - ADS-B IN and OUT
- GTX 33D ES Diversity Transponder - Dual Antennas and GTX 345 Digital Transponder (Required for European Aircraft)
- Becker ADF 3500
- BendixKing KN 63 Remote DME
- 110 volt AC Power Outlet (cabin and cockpit)
- Carpet Runner
- AMSAFE: AmSafe Seatbelts - Pilot and Co-Pilot Positions
- United Kingdom Lighting Package

## SUPPORT

- Pilot Initial Training Course through Legacy Flight Training, SIMCOM, or OK Aviation Group
- Airframe: 2-Year Piper Limited Warranty Program
- Avionics: 2-Year Garmin Warranty
- Power Plant: 7-Year Pratt & Whitney Warranty
- Propeller: 5-Year Hartzell Warranty



INTERIOR



AVIONICS