

# M500



  
**Piper**<sup>®</sup>

Shown with optional Hartzell 5-blade propeller.

## ADVANTAGE POINT

Enjoy the world with new clarity from a different vantage point, and invest your time where it matters most. Command your world from the cockpit – that's the aircraft ownership advantage. Piper makes it easy to maintain your bottom line with the most affordable turboprop on the market. The greatest number of safety features on any single-engine turboprop, the M500 is the perfect union of performance and efficiency.





## TAKE CONTROL

Still the easiest turboprop for pilots to step up into, but with the most safety features of any single-engine turbine aircraft, the M500 is simply the best value in its class today. Exceptional avionics are the foundation of any sound aircraft. The G1000 suite is an aggregation of switches and buttons arranged in thoughtful composition, combining utility with safety.

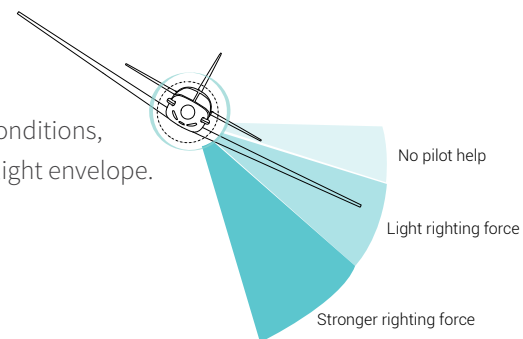
### Automatic Level Mode (Blue Button)

Level Mode is a function that will return the aircraft to a wings level attitude with zero vertical speed. Level Mode will automatically engage the flight director and autopilot functions to return the aircraft to straight and level flight.



### Electronic Stability Protection (ESP)

Preventing the onset of stalls, spins, steep spirals, and loss-of-control conditions, this passive feature discourages aircraft operation outside the desired flight envelope. ESP functions independently of the autopilot system.



To learn more about additional safety features available on the M500, visit [piper.com](http://piper.com).

### Synthetic Vision

Garmin Synthetic Vision Technology takes situational awareness to a new level, regardless of what can or cannot be seen through the windshield. Acquiring information from multiple certified databases, SVT graphically depicts obstacles, terrain, water, and airports, providing the pilot with all of the information required for safer travel.



### Underspeed Protection (USP)

Underspeed Protection is an intuitive flight director function that allows the autopilot to remain engaged, but prevents the airplane from stalling.

### AFCS Coupled Go Around

Coupled go arounds are possible without disengaging the autopilot. If power is not added, the USP system will maintain a speed just above stall warning, adjusting airplane pitch attitude as required.

### GTX 33 ES + GTS 825 = ADS-B "In" and "Out"

The standard GTX 33 ES provides ADS-B "Out" functionality. ADS-B "In" can be achieved by adding the optional GTS 825 Traffic Advisory System. The GTS 825 (ADS-B "In") traffic system provides a comprehensive traffic picture. It can track up to 75 targets within a 40 nm interrogation range. Additionally, spoken ATC-like aural alerts help manage a safe flight. GTX 33 ES = ADS-B "Out" | GTX 33 ES + GTX 825 = ADS-B "In"



Headliner is standard in all M-Class models and color options.

## AFFORDABLE LUXURY

Seats/Lower Side Panel

Accent Color

Table & Accents

WELLINGTON INTERIOR

Seats/Lower Side Panel

Accent Color

Table & Accents

INVERNESS INTERIOR

Shown in Wellington

The custom craftsmanship and uncompromising quality of the M500's cockpit and cabin provide the sophisticated comfort you need in an aircraft. The elegant, spacious Executive Interior accommodates six with plush leather seating and ample legroom. Whether you are commuting for work or traveling for pleasure, Piper offers you luxury not seen before in a single-engine turboprop.



## SPECIFICATIONS

### ENGINE

Pratt & Whitney Canada PT6A-42A  
Horsepower: Flat Rated at 500 shp  
TBO: 3,600 hours  
Hot Section Inspection: 1,800 hours

### PROPELLER

Hartzell 4-Blade | Constant Speed | Reversible  
Diameter: 82 in | 208 cm

### WEIGHTS

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

### MAXIMUM CRUISE SPEED

260 ktas | 482 km/h

### FUEL CAPACITY

170 US gal | 644 liters

### RANGE WITH 45 MIN. RESERVE

1,000 nm | 1,852 km

### MAXIMUM APPROVED ALTITUDE

30,000 ft | 9,144 m  
For Airspace Requiring RVSM, limited to 28,000 ft | 8,534 m

### TAKEOFF DISTANCE

Ground Roll: 1,650 ft | 503 m  
Total Over 50 ft Obstacle: 2,438 ft | 743m

### LANDING DISTANCE

Ground Roll: 1,020 ft | 311 m  
Total Over 50 ft Obstacle: 2,110 ft | 643 m

### CABIN PRESSURIZATION

Maximum Cabin Differential: 5.6 psid

### DIMENSIONS

Wingspan: 43 ft | 13.1 m  
Height: 11 ft 4 in | 3.5 m  
Length: 29 ft 7 in | 9.0 m

## STANDARD FEATURES

### AVIONICS

Garmin G1000 Avionics Suite with Autopilot, Enhanced AFCS, and Synthetic Vision:  
Dual 10.4" PFDs, Single 12.4" MFD, Dual GIA 63W NAV/COM/GPS, GFC 700 Autopilot with Enhanced AFCS (Advanced Safety Features: Automatic Level Mode (Blue Button), Electronic Stability Protection (ESP), Underspeed Protection (USP), and AFCS Coupled Go Around), GMC 710 AP Controller, and Yaw Damper System, Dual GRS 77 AHRS Computers, GCU 476 Keypad, Garmin FliteCharts, Garmin SafeTaxi, GMA 350 Digital Audio Panel, Dual GDC 74A Air Data Computers, GTX 33 ES Mode S Transponder (ADS-B "Out" Compliant), GWX 68 Weather Radar, Aspen EFD 1000 Standby Flight Instruments, and Integrated Digital Cabin Pressurization

### OTHER EQUIPMENT

Flight Into Known Icing (FIKI), PiperAire Air Conditioning, Hardwired Cockpit Bose A20 Headsets, Three USB Charging Ports (one cockpit, two cabin)

### INTERIOR

Wellington or Inverness Leather Interior, Electroluminescent Placards

## PREFERRED PACKAGING

Piper is pleased to offer you bundled services with pricing advantages. Take the uncertainty out of option shopping and allow us to help guide you through the process.



### AWARENESS PACKAGE

Jeppesen Chartview (one year subscription to Jeppesen PilotPak), TAWS-B (Terrain Awareness and Warning System), GTX 33 ES (Second Digital Transponder), GTS 825 Traffic Advisory System (ADS-B "In" capability)



### INTERNATIONAL PACKAGE

GSR 56 Iridium Transceiver, Becker ADF 3500, BendixKing KN 63 Remote DME, GTX 33 D ES: Diversity Digital Transponder - with Dual Antennas (Required for European Operations - Replaces STD GTX 33 ES)



### WEATHER PACKAGE

GDL 69A XM WX Satellite Weather (includes GRC 10 remote), L3 WX-500 Stormscope



### PREMIUM PACKAGE

110 Volt AC Power Outlet, Hartzell 5-Blade Composite Prop, AmSafe Seatbelts - Pilot and Co-Pilot Positions

Contact your dealer for pricing and further specifications.

THE FORECAST CALLS FOR FREEDOM



All work and no play makes anyone dull. When the workday is done, free yourself from the nine to five confines and get away from it all in the safest single-engine turboprop. Aircraft ownership awards you freedom for much less than you think.





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Piper Aircraft, Inc. | 2926 Piper Drive | Vero Beach | FL | 32960 | 772.299.2403

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