

# M500



  
**Piper**<sup>®</sup>



# A Legacy Takes Shape Over Time

## A Global Legacy of Leadership

Since 1937, Piper Aircraft has defined the heart and mind of aviation worldwide. With over 134,000 aircraft flying across six continents, Piper has earned its place as a global leader in performance, reliability, and innovation. From the legendary Piper Cub, which revolutionized personal aviation, to the state-of-the-art M700 Fury, Piper continues to set the standard for pilots and travelers who demand the best.



## Celebrating 250 Years Of American Independence



### Did You Know...

- Over 75% of US pilots in World War II earned their wings in a Piper Cub.
- Caro Bayley set a 74 year altitude record in a Super Cub (30,203 feet).
- Max Conrad circumnavigated the globe, both along the equator and over the poles, in various Piper models.

# Smart Performance

## The Smartest Investment in Speed, Safety, and Status

The M500 isn't just another turboprop, it's a category-defining aircraft that bridges the gap between piston planes and high-end turboprops, offering owner-pilots a level of sophistication and safety that no other aircraft in its price range can match.





# Mission Maps

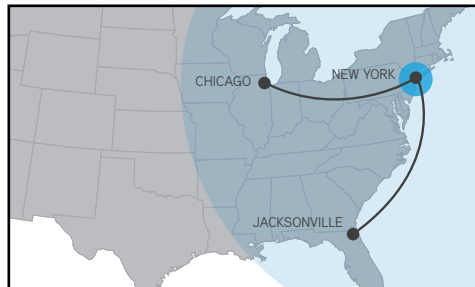
With a 1,000 nautical mile range and the versatility to handle both executive trips and personal getaways, the M500 transforms every mission into a strategic advantage.



**Denver to Los Angeles**  
730 nautical miles

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**Denver to Seattle**  
881 nautical miles



**New York to Chicago**  
620 nautical miles

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**New York to Jacksonville**  
720 nautical miles



**London to Madrid**  
679 nautical miles

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**London to Naples**  
873 nautical miles





# M500

## Propeller

### Hartzell 4-Blade

Constant Speed  
Full Feathering  
Reversible

## Engine

### Pratt & Whitney PT6A-42A

Flat-Rated at 500 SHP

## Fuel Capacity

### Useable

170 US gal | 644 L

## Dimensions

### Wingspan:

43 ft | 13.1 m

### Height:

11.3 ft | 3.4 m

### Length:

29.5 ft | 9 m

### Cabin Volume:

165 cu ft | 4.7 cu m

### Cabin Width:

4.1 ft | 1.3 m

### Cabin Length:

12.3 ft | 3.8 m

## Weight

### Maximum Takeoff Weight:

5,092 lb | 2,310 kg

### Maximum Ramp Weight:

5,134 lb | 2,329 kg

### Standard Empty Weight:

3,436 lb | 1,559 kg

### Standard Useful Load:

1,656 lb | 751 kg

## Max Range

(ISA, No Wind)

1,000 nm | 1,852 km

## Max Cabin Differential

5.5 psi

## Max Cruise Speed

260 ktas | 482 km/hr

## Landing Distance

(Over 50' Obstacle)  
2,110 ft | 643 m

## Max Approved Altitude

30,000 ft | 9,144 m

## Takeoff Distance

(Over 50' Obstacle)  
2,438 ft | 743 m

## Avionics

### Garmin® G1000® NXi

#### Standard Features

- Garmin® G1000® NXi Avionics Suite
- GFC™ 700 AutoPilot
- Enhanced AFCS Enablement
- GMC 710 AP Controller and Yaw Damper System
- GCU 476 Keypad
- Garmin® GI 275 Standby
- GMA™ 350C Digital Audio Panel
- GTX™ 345D Transponder (ADS-B In & Out)
- GWX™ 75 Weather Radar
- Flight Into Known Icing (FIKI)
- Garmin® FliteCharts
- Garmin® SafeTaxi®
- PiperAire Air Conditioning
- Bose A30 Headsets (2)
- USB Charging Ports
- Integrated Digital Cabin Pressurization System
- Rosen Visors

## Features\*

### Premium Package

- Hartzell 5-Blade Composite Propeller
- Lee Aerospace CoolView Windows

### North America Package

- GDL® 69A SXM Satellite Radio/Weather
- GWX™ 8000 StormOptix™
- GSR 56 Iridium Transceiver (US Talk & Text)

### Awareness Package

- SVT™ – Garmin® Synthetic Vision
- SurfaceWatch
- Terrain Awareness and Warning System (TAWS-B)
- GTS™ 825 Traffic Advisory System
- Second Transponder – GTX™ 335

### Databases

- Garmin Database (Americas & Worldwide)
- Jeppesen ChartView (Optional)

## Additional Options

- Halotron Fire Extinguisher
- 110 Volt AC Power Outlet (cabin)
- EASA Certification
- Becker ADF 3500
- UK Lighting Package
- Flight Stream 510

## International Package

- GSR 56 Iridium Transceiver (Talk, Text & Weather)
- L3 WX-500 Stormscope®
- BendixKing KN 63 DME
- GWX™ 8000 StormOptix™

## EXP Package

- Metallic or Pearl Exterior Paint Options
- Customized Interior Options
- Black Landing Gear & Spinner
- Optional Armrest Removal (Aft Facing Seats)

\*For additional information on package options, contact your local Piper Dealer. Package options and pricing subject to change.



# M500

## Cutting Edge Avionics & Safety

Garmin G1000 NXi Suite with  
GFC 700 Autopilot

Enhanced situational awareness  
through SVT and datalink weather

Automatic Flight Control System  
(AFCS) with Yaw Damper

## Engine & Performance

Max cruise speed:  
260 knots true airspeed (ktas) | 482 km/hr

Max Range:  
1,000 nautical miles | 1,852 km

Takeoff distance:  
2,438 ft | 743 m

Landing distance:  
2,110 ft | 643 m

Powered by a Pratt & Whitney PT6A-42A  
turbine engine delivering 500 shp





## Operational Efficiency

Hourly Operating Cost: \$590 (variable + fixed)

Annual Ownership Cost Estimate: \$230,000  
(assuming 200 flight hours per year)



## Cabin Comfort & Luxury

Six-seat configuration with **club seating**, stitched leather and with all executive interior finishes.

# Intelligence Meets Intuition

More than avionics, the Garmin® G1000® NXi Integrated Avionics System is your trusted partner in precision flying. Engineered for seamless situational awareness, the M500's cutting-edge flight deck features crystal-clear, high-resolution displays, runway alerting technology, and autopilot-coupled visual approaches—allowing you to command every journey with absolute confidence. Whether you're navigating through challenging weather or making smooth, effortless landings, the M500 puts advanced safety and flight intelligence at your fingertips.

## Connected Aircraft

With the optional Flight Stream 510 wireless gateway, your G1000® NXi system transforms into a fully connected cockpit. It enables seamless, real-time data streaming between your avionics and compatible mobile devices running Garmin® Pilot or ForeFlight Mobile. You can plan your flight from the comfort of your home or office using your personal electronic device (PED), then wirelessly transfer the flight plan to your aircraft upon arrival at the airport. Database updates are just as effortless—simply download them to your mobile device and sync them with your avionics system on-site, eliminating the need for physical media.

The all-digital GMA™ 350C makes flying more convenient and connected. You can wirelessly link your phone or tablet to make calls or play music. It also works with the Garmin Pilot™ app to send alerts about terrain, obstacles, or traffic while you fly. Plus, you control who hears what—so crew and passengers get the right messages without confusion.



## Horizontal Situation Indicator (HSI) Map

The HSI features an MFD-like navigation map with overlay capabilities such as topographical, weather, and traffic information. The detailed graphical landscape significantly enhances pilot situational awareness, especially during high-workload operations.

## Level Mode (LVL)

Level Mode will return the aircraft to a wings level attitude with zero vertical speed with the push of a button.





## Approach and Landing

Using WAAS GPS-based guidance from the Garmin® G1000® NXi system, the GFC™ 700 autopilot seamlessly transitions from enroute flying to the terminal area. In case of an unexpected delay, the autopilot can fly a coupled hold, giving the pilot time to load, brief, and prepare for the approach. When the weather is good, the system maximizes situational awareness by adding Visual Approach capability. This system generates a 3-degree glidepath, which can be autopilot-coupled down to pilot-selectable minimums to most runways. You can also select vectors or straight-in for the final approach intercept giving you even more options for accessing the widest variety of airfields.

## Electronic Stability & Protection (ESP™)

This system discourages aircraft operation outside its intended flight envelope by automatically providing control inputs when the aircraft nears pitch, roll, Vmo, Mmo, and/or angle of attack operating limits. ESP automatically engages the autopilot servos whenever parameters exceed normal flight conditions, helping return the aircraft to the nominal operating envelope.

## Underspeed Protection (USP)

This feature prevents aircraft operation below minimum established airspeeds when the autopilot is engaged. When a low airspeed condition is detected, USP provides low speed awareness in the form of aural alerts and annunciations and automatically lowers the aircraft nose whenever the airspeed falls below an established threshold or stall warning has activated.

## Datalink Weather

G1000® NXi supports a variety of satellite datalink options that provide in-flight aviation weather, including animated NEXRAD imagery, current airport conditions, forecasts, precipitation, lightning, winds and more. Both the U.S. sourced ADS-B network and SiriusXM® satellite weather services can be accessed from the system (SiriusXM subscription and optional hardware required). An optional Iridium satellite link receiver brings seamless on-demand worldwide weather information to the cockpit for international operations.

## SurfaceWatch™ (Optional)

This runway identification and alerting solution is designed to help pilots avoid runway incursions and excursions, such as takeoffs or landings on the wrong runway.



# Luxury at 30,000 Feet

Pressurized elegance,  
leather-wrapped sophistication, and  
turbine power—crafted for those  
who demand more than just travel.



Design Your  
M500 Today





# At Piper Aircraft,

we are committed to providing our customers with the service and support they expect to maintain and safely operate their aircraft.

## Global Customer Support

Customer Support is available 24/7 for questions and concerns. For in-service product support and assistance, we offer a global network of more than 80 approved Piper Service Centers, all independently owned and operated. We also partner with Boeing and its network of more than 40 Customer Service Centers to ensure parts and materials are available.



Find Your Local  
Service Center





