



2016 M600

SPECIFICATIONS AND PRICING

\$2,853,000*
Standard Equipped List Price

Cabin Class, Single-Engine, Pressurized Turboprop

A leader in performance and safety among single-engine turboprops, the M600 leaves nothing to be desired among dedicated aviators. Impressive 600 shp, exceptional useful load, and extraordinary extended range make the M600 a true business aircraft for commuting, as well as a reliable choice for leisure travel.

ENGINE

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

PROPELLER

Hartzell 4-Blade | Constant Speed | Reversible
Diameter: 82.5 in | 210 cm

WEIGHTS

Max Takeoff Weight: 6,000 lbs | 2,722 kg
Max Ramp Weight: 6,050 lbs | 2,744 kg
Standard Equipped Weight: 3,730 lbs | 1,692 kg
Standard Useful Load: 2,320 lbs | 1,052 kg

SPEEDS

Max Cruise Speed: 274 ktas | 507 km/h
VMO Speed: 250 kcas | 463 km/h

FUEL CAPACITY, USABLE

260 US gal | 984 liters

RANGE

Max Range with 45 minute reserve:
1,300 nm | 2,408 km
Max Range (using long-range cruise setting):
1,441 nm | 2,668 km

MAXIMUM APPROVED ALTITUDE

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

TAKEOFF DISTANCE

Total Over 50 ft Obstacle: 2,350 ft | 716 m

LANDING DISTANCE

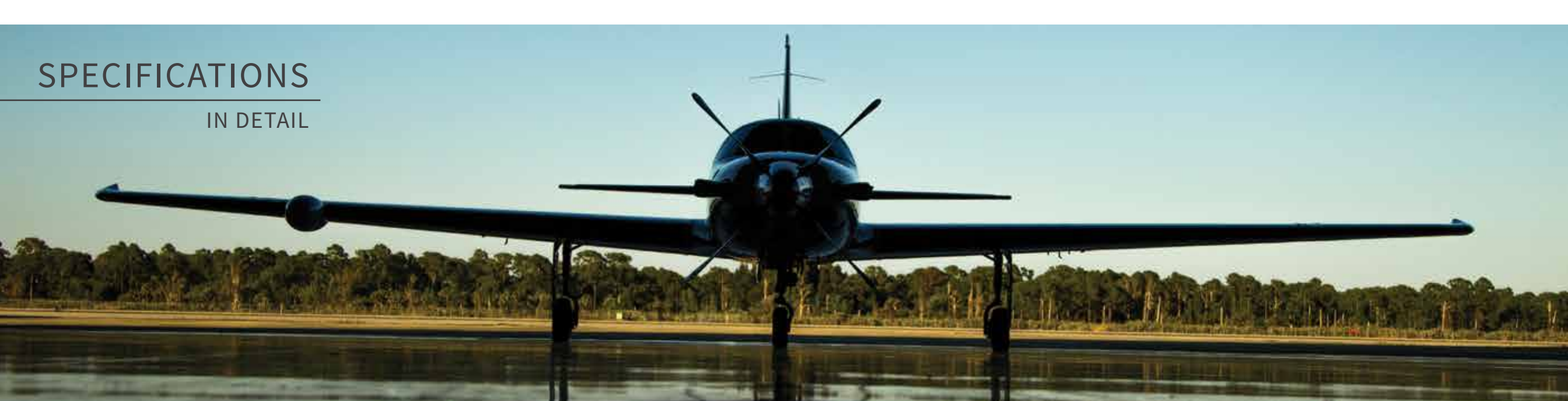
Total Over 50 ft Obstacle: 2,125 ft | 648 m

CABIN PRESSURIZATION

Maximum Cabin Differential: 5.6 psid

SPECIFICATIONS

IN DETAIL



STANDARD FEATURES

Avionics

Garmin G3000 Avionics Suite with Autopilot, Enhanced AFCS, and Synthetic Vision: Dual 12.1” PFDs, Single 12.1” MFD, Dual GTC 570 Touchscreen Cockpit Management Units, Dual GIA 63W NAV/COM/GPS, GEA 71 Engine and Airframe Interface, 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) and GMC 710 AP Controller, Dual GMU 44 Magnetometer Units, Dual GRS 77 AHRS Computers, GMA 36 Digital Audio Panel, Dual GDC 74 Air Data Computers, GTX 33 ES Mode S Transponder (ADS-B “Out” Compliant), GAE 43 Altitude Encoder, GWX 70 All Digital Weather Radar, Garmin FliteCharts, Garmin SafeTaxi, 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, Six USB Charging Ports (two cockpit, four cabin)

Interior

Calais, Sedona, or Firenze Premium Leather Interior, Electroluminescent Placards, Chrome and Wood Accents



AVIONICS EQUIPMENT OPTIONS

- 150: SurfaceWatch™ | **\$5,500**
- 235: Jeppesen ChartView | **\$4,480**
(one year subscription to Jeppesen PilotPak)
- 256: GSR 56 Iridium Transceiver | **\$17,201**
- 257: GSR 56 Iridium Transceiver (US Customer Talk and Text) | **\$17,201**
- 269: GDL 69A SiriusXM Satellite Weather (includes Flight Stream) | **\$12,051**
- 330: L3 WX-500 Stormscope | **\$11,691**
- 352: Becker - RA3502 Remote ADF Receiver | **\$15,141**
- 450: TAWS-B (Terrain Awareness and Warning System) | **\$12,875**
- 563: BendixKing KN 63 Remote DME | **\$14,729**
- 730: GTX 33 ES Second Digital Transponder | **\$10,769**
- 735: GTX 33 D ES: Diversity Digital Transponder - with Dual Antennas (Required for European Aircraft. Replaces STD GTX 33 ES) | **\$14,935**
- 855: GTS 855 Traffic Advisory System - TCAS/ACAS I (includes GTS 825) | **\$36,000**
- 910: Fire Detection System | **\$8,500**

AIRFRAME OPTIONS

- 215: 110 Volt AC Power Outlet (Cabin and Cockpit) | **\$6,189**
- 700: Nonstandard Paint Top Color | **\$7,030**
- 710: Nonstandard Paint Bottom Color | **\$7,030**
- 715: Nonstandard Approved Paint Scheme – quoted upon request
- AMSAFE: AmSafe Seatbelts – Pilot and Co-Pilot Positions | **\$6,129**
- Additional Special Options | quoted upon request

PREFERRED PACKAGING OPTIONS

Offered at preferred pricing.



AWARENESS PACKAGE
Jeppesen Chartview (one year subscription to Jeppesen PilotPak), GTS 855 Traffic Advisory System (ADS-B “In” Compliant) and TCAS 1, TAWS-B (Terrain Awareness and Warning System), SurfaceWatch, GTX 33 ES (Second Digital Transponder) | **\$66,855**



WEATHER PACKAGE
GDL 69A SiriusXM Satellite Weather (includes Flight Stream), L3 WX-500 Stormscope | **\$23,050**



INTERNATIONAL PACKAGE
GSR 56 Iridium Transceiver, ADF: Becker - RA3502 Remote ADF Receiver, GTX 33 D ES: Diversity Digital Transponder - with Dual Antennas (Required for European Operations – Replaces STD GTX 33 ES) BendixKing KN 63 Remote DME | **\$60,200**



AVIONICS

60/40

G3000 AT THE FOREFRONT OF TECHNOLOGY

From intuitive pilot input through touchscreen controllers to increased situational awareness, the G3000, as installed in the M600, is the most advanced avionics available for single-engine turboprop aircraft. Features like 60/40 Mode and enhanced map display bring invaluable situational decisions right in front of the pilot. No longer does the pilot have to sacrifice his scan from his primary view to fly the approach plates or look for upcoming waypoints.



SURFACEWATCH™

As an additional safety feature, SurfaceWatch provides aural and visual alerts to help the pilot maintain situational awareness and avoid potential runway incursions/excursions during ground and air operations in an airport environment.



ENHANCED HORIZONTAL SITUATION INDICATOR (HSI)

The Enhanced Map HSI is a new feature designed to increase situational awareness by overlaying additional information onto the HSI display. Just as the HSI provides increased information compared to the directional gyro, the Enhanced Map HSI further improves the HSI by allowing greater information to be conveyed within the primary instrument scan. It can be used while in 60/40 Mode and supports overlays with combinations on Map, SafeTaxi data, Flight Plan, METARs, NEXRAD, Weather Radar, and more.



MULTI-FUNCTION FLIGHT DISPLAY (MFD)

In the center of the panel, engine data, charts, traffic, weather, flight plans, menus, and more are displayed on the large format, high-resolution, 12.1" display. Garmin's intuitive, user-friendly interface makes the MFD simple to navigate.

PRIMARY FLIGHT DISPLAYS (PFD)

Two high-resolution 12.1" primary flight displays put the flight instruments in direct line of sight from both left and right seats with no distracting parallax view.



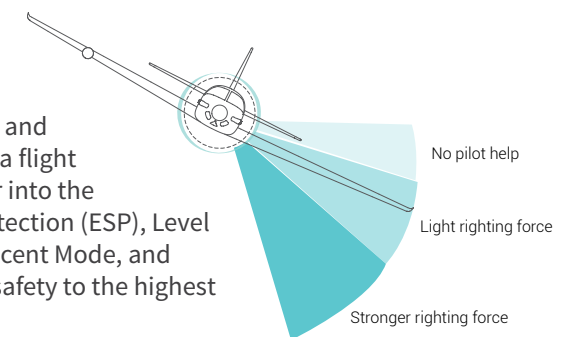
TOUCHSCREEN CONTROLLERS

Dual touchscreen controllers provide the latest in modern input for a fully integrated avionics suite. Intuitive and easy to use, the shallow menu structure keeps essential information readily accessible, while providing advanced data entry for communication, navigation, and surveillance. Knobs at the bottom of the screens provide familiar and quick entry of flight management information. Providing the most contemporary and intuitive information, Piper is at the forefront of advanced data entry and intelligent flight management.



GFC WITH ENHANCED AUTOMATIC FLIGHT CONTROL SYSTEM

The fully integrated flight control system provides exceptional flight automation with a dual AHRS-based system. The system offers top safety features and incomparable performance, seamlessly integrating a flight director, autopilot, automatic trim and yaw damper into the G3000 suite. It also includes Electronic Stability Protection (ESP), Level Mode, Underspeed Protection (USP), Emergency Decent Mode, and Coupled Go Around, elevating pilot and passenger safety to the highest standards.



HYPOXIA RECOGNITION SYSTEM WITH AUTOMATIC DESCENT MODE

The Hypoxia Recognition System detects pilot incapacitation as a result of hypoxia by monitoring pilot interaction with the PFD, MFD, and Autopilot Controller at cabin altitudes above 14,900 feet with the autopilot engaged. If no interaction is detected within a specified time period, this system will engage Automatic Descent Mode and bring the aircraft to a lower altitude in an effort to allow recovery from hypoxia. The M600 can safely fly itself, without assistance, to lower altitudes in the unlikely case the pilot becomes unresponsive.

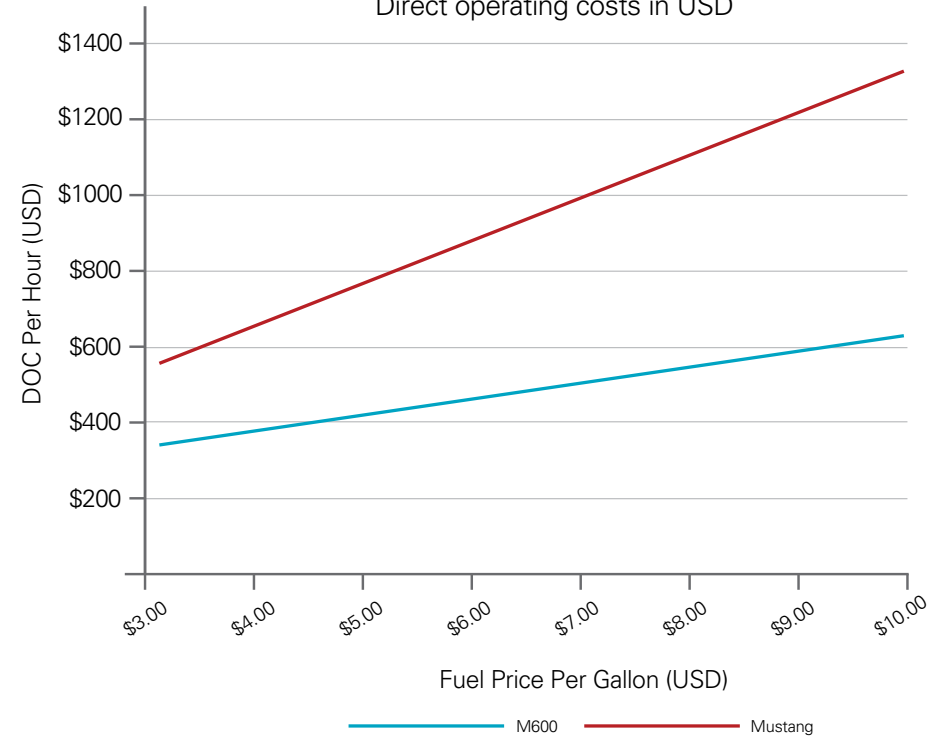
To learn more about additional safety features on the M600, visit piper.com.



BY THE NUMBERS

ECONOMICAL OPERATION

Direct operating costs in USD



• Fuel:
Calculations based on 43 gph on 1,000 nm trip segments
Includes climb, cruise, and descent fuel.

• Maintenance Labor:
\$76.00 / flight hour
Cost based on 0.63 man-hours per flight hour at labor rate of \$90.00 per man-hour. Figures include routine scheduled and unscheduled maintenance for airframe and avionics.

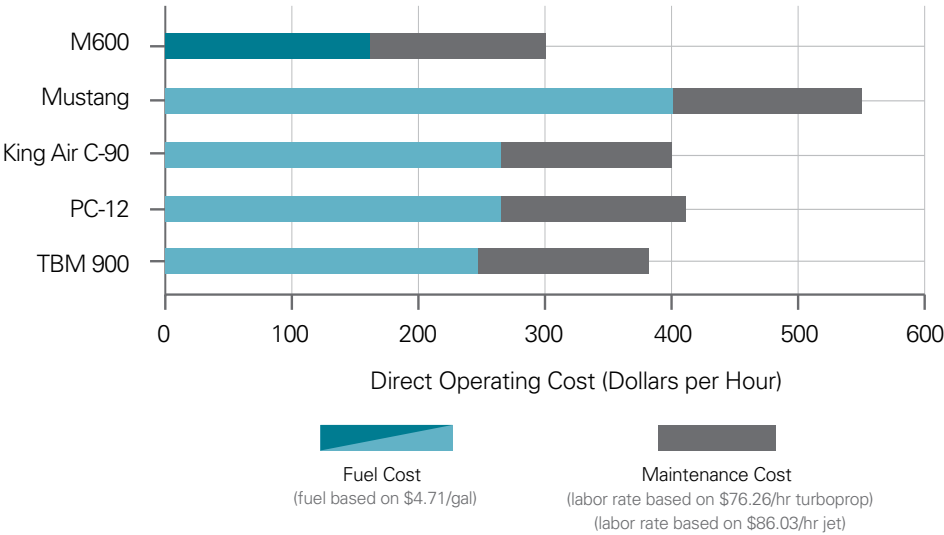
• Maintenance Parts:
\$49.00 / flight hour
Figures include airframe, avionics, and minor engine consumable parts required for routine scheduled and unscheduled maintenance.

• Propeller Overhaul:
\$2.20 / flight hour
Figures include both parts and labor required for overhaul, including the cost of any life-limited parts.

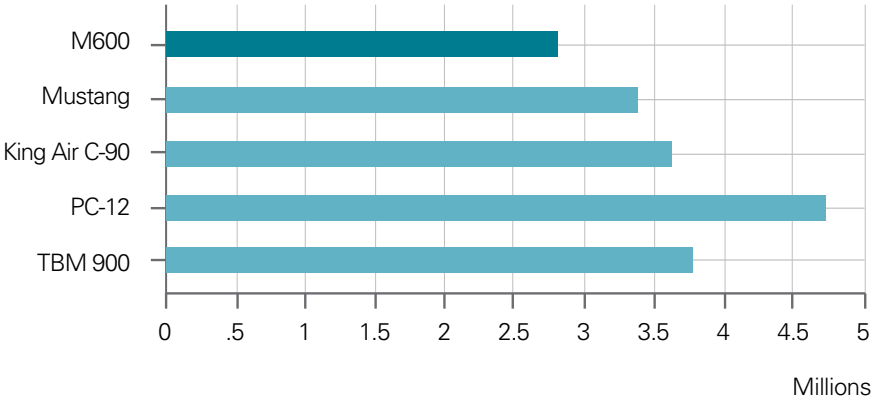
• Engine Restoration:
\$72.00 / flight hour
Figures are based on typical overhaul and hot section inspection costs.

Source: Conklin & de Decker

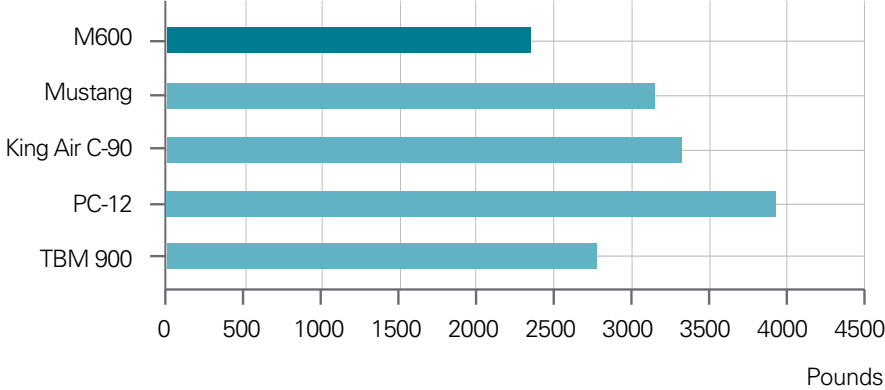
OPERATING COST



LIST PRICE



USEFUL LOAD



All data is preliminary and subject to change.



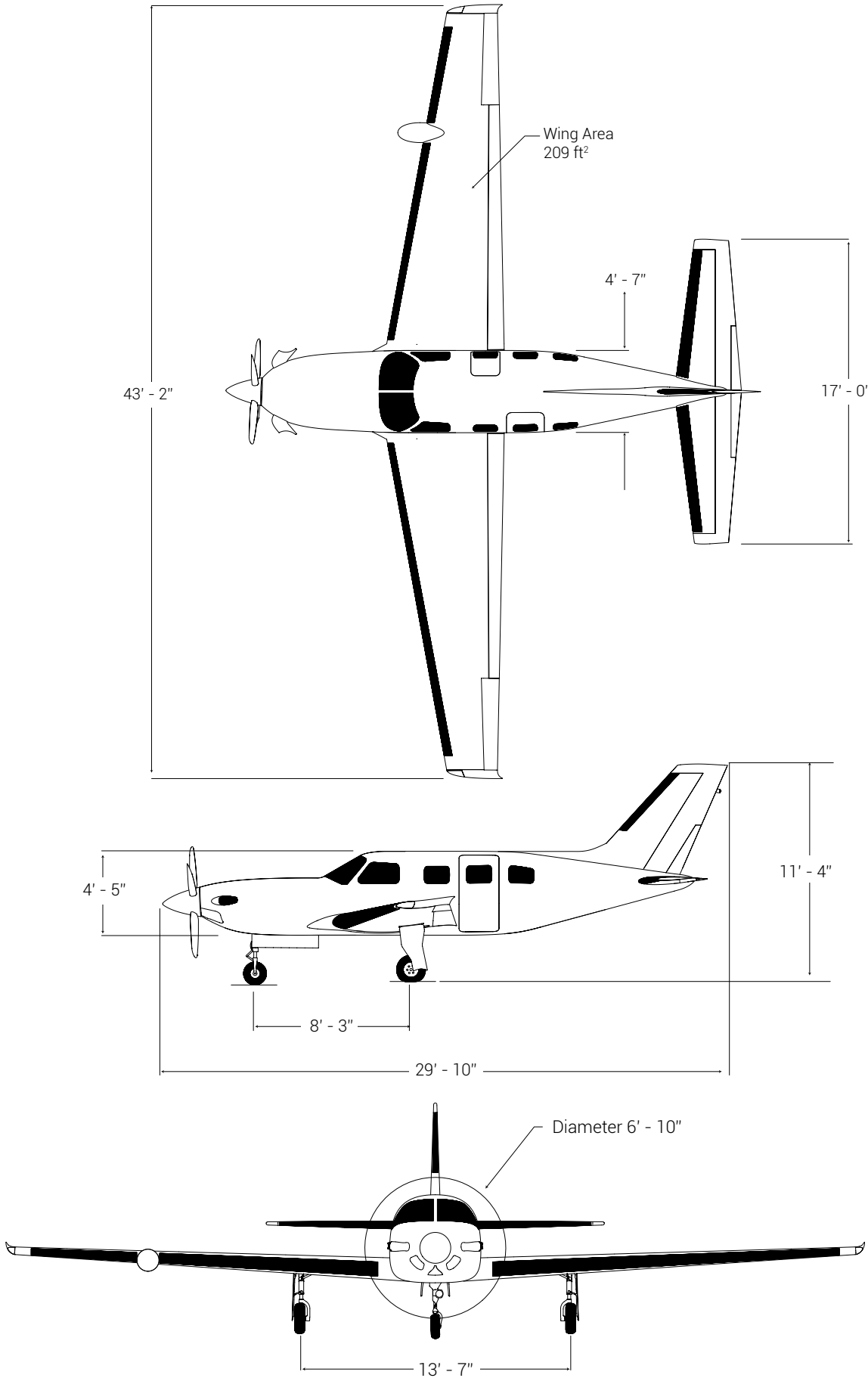
M600 MEASURES UP

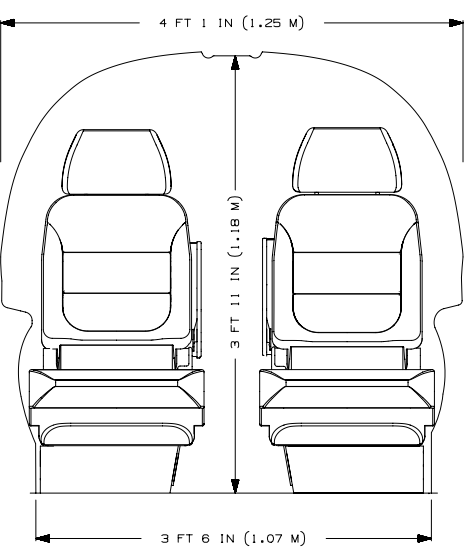
Performance Data	Standard	Metric
Max Cruise Speed	274 ktas	507 km/h
Max Range with 45 min Reserve	1,300 nm	2,408 km
Max Range (using long range cruise setting)	1,441 nm	2,668 km
Max Operating Altitude (28,000 where RVSM required)	30,000 ft	9,144 m
Cabin Altitude at 26,000 ft	8,244 ft	2,513 m
Rate of Climb (Sea level, MTOW)	1,539 ft/min	469 m/min
Landing Distances Over 50 ft Obstacle	2,125 ft	648 m

Cabin Dimensions	Standard	Metric
Cabin Volume	165 cu ft	4.67 cu m
Cabin Length	12 ft 3 in	3.73 m
Cabin Width	4 ft 1 in	1.25 m
Cabin Height	3 ft 11 in	1.18 m
Door Dimensions	3 ft 10 in x 2.0 ft	1.16 m x 0.61 m
Internal Baggage	20.0 cu ft (100 lbs)	0.57 cu m (45 kg)

Weights	Standard	Metric
Max Ramp Weight	6,050 lbs	2,744 kg
Max Takeoff Weight	6,000 lbs	2,722 kg
Max Landing Weight	5,800 lbs	2,631 kg
Max Zero Fuel Weight	4,850 lbs	2,200 kg
Basic Empty Weight	3,730 lbs	1,619 kg
Fuel Capacity, Usable	260 gallons	984 liters
Payload With Full Fuel	578 lbs	262 kg

All data is preliminary and subject to change.





CABIN CONFIGURATION

AIRCRAFT FEATURES COMPARISON CHART

	M600 \$2,853,000	TBM 900 \$3,700,000	PC-12 \$4,712,000	Mustang \$3,480,000
Avionics Suite	G3000	G1000	APEX®	G1000
ADS-B “Out”	X	X	X	X
ADS-B “In”	X	X		X
ESP	X			
Level Mode	X			
USP	X			
Coupled Go Around	X			
Auto Descent	X			
TCAS I	X	X	X	X

1000 NM TRIP COMPARISON (NJ - FL)

Assumptions: 3 passengers (pax) of executive level with average hourly wage of \$350.00

M600 - Private Flight Teterboro, NJ to West Palm Beach, FL		Commercial Airline Flight LaGuardia, NJ to West Palm Beach, FL	
TRAVEL TIME		TRAVEL TIME - TOTAL ROUND TRIP	
Flight Time	4 hrs 15 min	Flight Time (Direct, Non-stop)	3 hrs 24 min
Flight Prep (Pre Flight)	30 min	Driving Time to Airport**	55 min
Flight Pre (Post Fight)	15 min	Pre-arrival for Check-in and TSA check	1 hr
Total Time	5 hrs	Arrival at Destination***	45 min
Cost of Time (3 Pax)*	\$5,250.00	Total Time	6 hrs 4 min
		Cost of Time (3 Pax)*	\$6,342.00
FLIGHT COST		AIR FARE	
Cost (Maintenance + Fuel)	\$1,962.50	Cost (1st Class 3 Pax)****	\$4,707.00
Total Cost (Time + Aircraft Operation) \$7,212.50		Total Cost (Time + Aircraft Operation) \$11,049.00	

*Cost of time (Average CEO Rate: \$350 / per hour)
**Driving Time To Airport (Includes time to park and walk to terminal.)
***Arrival at Destination (Includes time to traverse from aircraft through terminal and collect rental car.)
****Air Fare (Average First Class Air Fare with 7 day advanced purchase.)

RANGE MAPS



GLOBAL CUSTOMER SUPPORT

Piper Aircraft offers customers a support network available 24 hours a day, seven days a week to answer questions and manage any concerns. The Piper Approved Network of service centers is comprised of more than 80 independently owned service centers, guaranteeing support and assistance all around the world. Additionally, our association with Aviall and their network of more than 40 customer service centers worldwide supplements our dealer parts inventory to ensure materials are available when and where they are needed most. Piper is known for building quality aircraft, but we also excel at building relationships that last.

PIPER EXTENDED WARRANTY PROGRAM

Since 1937, our company has been founded on commitment and quality. These principles continue to define our product and guide our customer care. We are committed to our patrons and the production of quality aircraft. We stand behind our brand, dedicated to ensuring the most reliable planes with the highest value.

As part of our commitment to our customers, Piper extends exceptional warranties on all new M600 aircraft. We offer a five-year warranty on airframe, avionics (parts and labor), and systems. The Pratt & Whitney PT6A-42A powerplant comes with an industry-leading, seven-year/2500 hour warranty. Hartzell Propeller features a five-year/1,500 operating hours warranty on all Hartzell products installed by Piper.

From flight training to service centers, comprehensive customer care and global aircraft support remain our top priority. Our experienced team is standing by to make the M600 ownership experience exceptional and worry-free.

YOUR EXCEPTIONAL EXPERIENCE BEGINS AT
piper.com



Piper Aircraft, Inc. reserves the right to make changes, including, but not limited to, changes in specifications, materials, equipment and/or prices at any time without prior notice. It is the responsibility of the pilot to conduct all operations in accordance with the approved Pilot's Operating Handbook, which is the only official source of data. © 2016 Piper Aircraft, Inc.

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

