

# MERIDIAN

Pricing and Performance Specifications  
2010 MERIDIAN



Garmin Paint Scheme Shown



## SPECIFICATIONS

### Weights

Maximum Take-off Weight: 5,092 lbs (2,310 kg)  
 Maximum Ramp Weight: 5,134 lbs (2,329 kg)  
 Standard Equipped Weight: 3,433 lbs (1,557 kg)  
 Standard Useful Load: 1,701 lbs (771 kg)

### Dimensions

Wing Span: 43.0 ft (13.11 m)  
 Length: 29.6 ft (9.02 m)  
 Height: 11.3 ft (3.44 m)  
 Wing Area: 183 ft<sup>2</sup> (17.0 m<sup>2</sup>)

### Fuel Capacity

Useable: 170 US gal (644 liters)

### Cruising Speed: TAS

Maximum Cruise Power: 260 kts (482 km/h)

### Range with 45 Minute Reserve

Range with Full Fuel: 1,000 nm (1,885 km)

### Service Ceiling

Maximum Approved Altitude: 30,000 ft (9,144 m)  
 For Airspace Requiring RVSM, Limited to 28,000 ft (8,534 m)

### Take-off Distance: Flaps 20°, Gross Weight

Ground Roll: 1,650 ft (503 m)  
 Total over 50 ft Obstacle: 2,438 ft (743 m)

### Landing Distance

Ground Roll: 1,020 ft (311 m)  
 Total over 50 ft Obstacle: 2,110 ft (643 m)

### Cabin Pressurization

Maximum Cabin Differential: 5.5 psid

*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.*

## STANDARD EQUIPMENT

### Engine: Pratt & Whitney Canada PT6A-42A

Flat Rated to 500 SHP  
 TBO: 3,600 hours  
 Hot Section Inspection: 1,800 hours

### Propeller: Hartzell 4 Blade Constant Speed, Reversible

Diameter: 82 in (208 cm)

### Avionics

Avidyne Entegra Flat Panel Display System (Includes 2 PFDs, 1 MFD)  
 Dual Garmin GNS 430W NAV/COM/GPS (WAAS Enabled)  
 S-TEC IntelliFlight 1500 Autopilot  
 EMax Engine Monitoring System  
 CMax Electronic Approach Charts  
 GTX 330 Transponder  
 GMA 340 Audio Panel  
 RDR 2000 Weather Radar

### Flight Into Known Icing (FIKI)

### Natural Leather Seats

### PiperAire Air Conditioning

*\* FLY-AWAY-FACTORY (F.A.F.) Vero Beach, FL.  
 Dealer delivery and local taxes extra.*

## OPTIONAL EQUIPMENT

### Avidyne Avionics Equipment Options

**340:** Enhanced Situational Awareness Package – \$50,000  
 Honeywell IHAS 8000 (Active Traffic Avoidance System and Enhanced Ground Proximity Warning System)  
 WX-500 Stormscope, All Displayed on MFD, and Stand-by Flight Instruments  
**240:** Avidyne Satellite Broadcast Receiver – \$5,000  
 (Datalink Weather)  
**524:** ADF – King KR 87 with KI 227 Indicator – \$9,000  
**563:** DME – King KN 63 – \$12,500  
**625:** Diversity Digital Transponder GTX 330D with Dual Antennas – \$6,300  
 (Required for European Aircraft. Exchange for GTX 330)  
**842:** Second Digital Transponder GTX 330 – \$8,200

### Garmin G1000 Avionics Equipment Options

**GAR:** Garmin G1000 Avionics Suite with Synthetic Vision – \$50,000  
 Dual 10" PFDs, Single 15" MFD, Dual GIA 63W NAV/COM/GPS (WAAS Enabled), GMC 710 AP Controller, GCU 476 Keypad, Garmin FliteCharts, SafeTaxi, Dual GMA 1347 Audio Panels, Dual GDC 74A Air Data Computers, GFC 700 Autopilot, GTX 33 Transponder, GWX-68 Weather Radar, and Stand-by Flight Instruments  
**340:** Enhanced Situational Awareness Package – \$50,000  
 KTA 870 (Traffic Advisory System), WX-500 Stormscope, TAWS-B  
**235:** Jeppesen ChartView – \$3,600  
**269:** XM Satellite Radio/Weather Receiver, Garmin GDL 69A – \$6,000  
**524:** ADF – King KR 87 – \$7,200  
**563:** DME – King KN 63 – \$9,300  
**630:** Second Digital Transponder GTX 33 – \$8,400  
**635:** Diversity Digital Transponder GTX 33D with Dual Antennas – \$6,300

**AMSAFE:** AmSafe Aviation Airbag System (1 ship set) – \$5,200

*(Installed after DTS in Service Center)*

### Exterior Paint Options

**710:** Bottom Metallic Base Color – \$2,000  
**715:** Optional Meridian Paint Scheme – \$5,500  
 Non-standard approved Meridian Paint Scheme – Quoted on request

### International Options

**363:** United Kingdom Lighting Package – \$1,200  
*(UK Aircraft only, if required)*

### Interior Styling

Off-white headliner with color-coordinated carpeting, and matching leather side panels. All six seats are leather. Color schemes offered: Light Khaki, Dark Khaki, Light Quartz or Dark Quartz.

### Exterior Styling

Standard 2010 Exterior Styling offers a standard paint scheme in DuPont Imron polyurethane paint with a choice of metallic or non-metallic trim color for the trim stripes. Paint schemes vary based on avionics suite.

Piper Aircraft, Inc.  
 2926 Piper Drive, Vero Beach FL 32960  
 866-FLY-PIPER  
 FAX 772-978-6585  
 piper.com

