

MERIDIAN

Pricing and Performance Specifications
2009 MERIDIAN



Piper
Fly Wise

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 ft² (17.0 m²)

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 (8534 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

STANDARD EQUIPMENT

Engine: Pratt & Whitney Canada PT6A-42A

Flat Rated to 500 SHP
 3600 HR TBO
 1800 HR Hot Section Inspection

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 Magic 1500 Autopilot
 Garmin GTX 330 Transponder
 Garmin GMA 340 Audio Panel
 RDR-2000 Weather Radar

** FLY-AWAY-FACTORY (F.A.F.) Vero Beach, FL. Dealer delivery and local taxes extra. Full Standard Equipment List available at piper.com*

OPTIONAL EQUIPMENT

Avionics Equipment Options

340: Enhanced Situational Awareness Package – \$63,500
 Honeywell IHAS 8000 (Active Traffic Avoidance System & Enhanced Ground Proximity Warning System)
 WX-500 Stormscope
 All Displayed on MFD

240: Avidyne Satellite Broadcast Receiver – \$9,300
 (Datalink Weather)

245: CMax Electronic Approach Charts – \$3,500

524: ADF – King KR 87 with KI 227 Indicator – \$9,000

563: DME – King KN 63 – \$12,500

842: Second Digital Transponder GTX 330 with Pilot Control
 Wheel Ident Button – \$8,200

625: GTX 330D Diversity Digital Transponder with Dual

Antennas – \$6,200

(Required for European Aircraft. Exchange for GTX 330)

910: Electronic Subscription Bundle – \$8,000

2 Year Subscriptions for: Jeppesen Navigation Data, Jeppesen CMax Electronic Approach Charts, Honeywell IHAS Terrain Updates, Engine Trend Monitoring, XM Weather

Exterior Paint Options

715: Optional Meridian Paint Scheme – \$4,400

710: Bottom Metallic Base Color – \$1,300

International Options

363: United Kingdom Lighting Package – \$1,000
(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 2009 Exterior Styling offers a choice of a single or an optional two-tone base scheme in DuPont Imron polyurethane paint with a choice of metallic or non-metallic trim color for the trim stripes.

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.

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

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