

# 2011 MATRIX

PRICING AND PERFORMANCE SPECIFICATIONS



PA-46R-350T

**Piper**<sup>®</sup>

**SPECIFICATIONS**

**Weights**

Maximum Takeoff Weight: 4,340 lbs (1,969 kg)  
 Maximum Ramp Weight: 4,358 lbs (1,977 kg)  
 Standard Equipped Weight: 2,969 lbs (1,347 kg)  
 Standard Useful Load: 1,389 lbs (630 kg)

**Dimensions**

Wing Span: 43.0 ft (13.1 m)  
 Length: 28.9 ft (8.8 m)  
 Height: 11.3 ft (3.4 m)

**Fuel Capacity**

Usable: 120 US gal (454 liters)

**Cruising Speed**

Maximum Cruise Power: 213 ktas (395 km/h)

**Range with 45 Minute Reserve**

1,343 nm (2,491 km)

**Service Ceiling**

Maximum Approved Altitude: 25,000 ft (7,620 m)

**Takeoff Distance**

Ground Roll: 1,087 ft (331 m)  
 Total over 50 ft Obstacle: 2,090 ft (637 m)

**Landing Distance**

Ground Roll: 1,020 ft (311 m)  
 Total over 50 ft Obstacle: 1,968 ft (600 m)

**STANDARD EQUIPMENT**

**Engine**

Turbocharged Lycoming TIO-540-AE2A  
 Horsepower: 350  
 Number of Cylinders: 6  
 TBO: 2,000 hours

**Propeller**

Hartzell 3 Blade, Composite, Constant Speed

**Avionics**

Garmin G1000 Avionics Suite includes Dual 10" PFDs, Single 15" MFD, Dual GIA 63W NAV/COM/GPS, GMC 710 AP Controller, GCU 476 Keypad, Garmin FliteCharts, SafeTaxi, GMA-347 Audio Panel, Dual GDC 74A Air Data Computers, GFC 700 Autopilot, and GTX 33 Transponder

**Additional Standard Equipment**

Yaw Damper System  
 Natural Leather Seats  
 PiperAire Air Conditioning  
 Stand-by Flight Instruments

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

**OPTIONAL EQUIPMENT**

**Avionics Equipment Options**

**235:** Jeppesen ChartView – \$3,600  
**268:** GWX-68 Weather Radar – \$36,800  
**269:** XM Satellite Radio/Weather (GDL 69A) – \$9,600  
**295:** KTA 870 Traffic Advisory System – \$44,000  
**330:** WX-500 Stormscope – \$10,000  
**346:** Synthetic Vision – \$16,000  
**450:** TAWS-B (Terrain Awareness and Warning System) – \$11,000  
**524:** ADF – King KR 87 – \$7,200  
**563:** DME – King KN 63 with KDI 572 Indicator – \$9,300  
**630:** Second Digital Transponder GTX 33 – \$8,400  
**298:** Flight Into Known Icing (FIKI) – \$69,500  
**460:** Hot Prop – \$11,900

**Additional Options**

**363:** United Kingdom Lighting Package – \$1,200  
**470:** Speed Brakes – \$10,000  
**710:** Bottom Metallic Base Color – \$6,000  
 Approved non-standard paint scheme and/or return to factory for paint – quoted upon request

**AMSAFE:** AmSafe Aviation Airbag System (1 ship set) – \$5,200  
*(Installed after DTS at a Piper Authorized Service Center)*

**Interior Styling**

Includes an off-white headliner, 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 2011 Exterior Styling offers a 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.*

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