

2012 Matrix

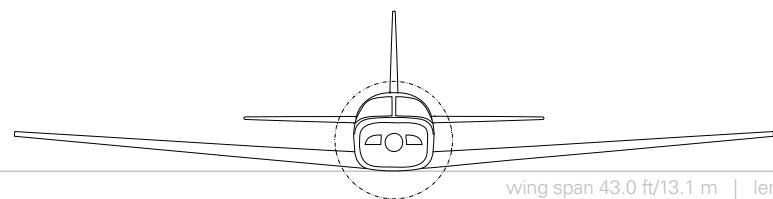
Specifications and Pricing
PA-46R-350T




Piper[®]



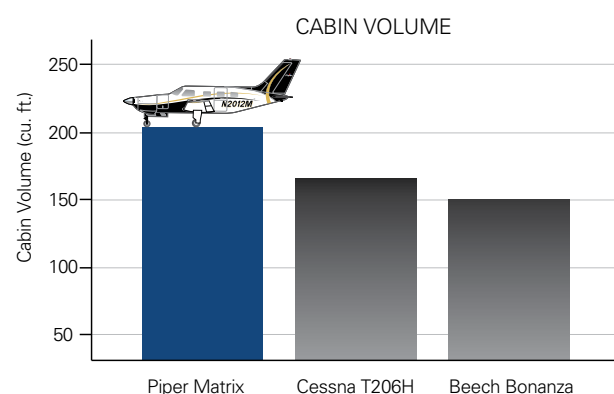
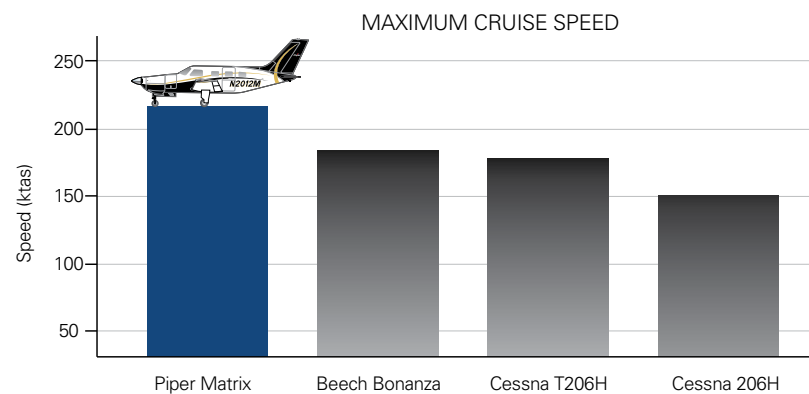
Matrix



wing span 43.0 ft/13.1 m | length 28.9 ft/8.8 m | height 11.3 ft/3.4 m

Dual Turbocharged Piston Single

The Piper Matrix attracts attention on ramps across the globe. Sitting high on its rugged gear, the Matrix welcomes passengers into the spacious cabin with an inviting airstair door entrance. Once in the air, the 350 hp dual turbocharged engine accelerates the sleek fuselage up to a cruise speed of 213 ktas. Even though the Matrix produces high performance numbers, it continues to offer an unbeatable value with its economical operating cost.



Specifications

ENGINE

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

PROPELLER

Hartzell 3 Blade | Composite | Constant Speed

DIMENSIONS

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

WEIGHTS

Maximum Takeoff Weight: 4,340 lbs | 1,969 kg
Maximum Ramp Weight: 4,358 lbs | 1,977 kg
Standard Equipped Weight: 3,003 lbs | 1,362 kg
Standard Useful Load: 1,355 lbs | 615 kg

FUEL CAPACITY

Usable: 120 US gal | 454 liters

MAXIMUM CRUISING SPEED

213 ktas | 395 km/h

RANGE WITH 45 MINUTE RESERVE

1,343 nm | 2,491 km

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 Equipped List Price: \$903,800*

Standard

AVIONICS

Garmin G1000 Avionics Suite
Dual 10" PFDs, Single 15" MFD, Dual GIA 63W NAV/COM/GPS, GFC 700 Autopilot, GMC 710 AP Controller, GCU 476 Keypad, Garmin FliteCharts, SafeTaxi, GMA 340 Audio Panel, Dual GDC 74A Air Data Computers, GTX 33 Transponder and Stand-by Flight Instruments

ADDITIONAL STANDARD EQUIPMENT

Yaw Damper System | PiperAire Air Conditioning | Hardwired Cockpit Bose A20 Headsets

Optional

AVIONICS EQUIPMENT OPTIONS

235: Jeppesen ChartView – \$3,800
268: GWX 68 Weather Radar – \$38,650
269: GDL 69A XM Satellite Radio/Weather – \$10,100
295: KTA 870 Traffic Advisory System – \$46,200
298: Flight Into Known Icing (FIKI) – \$73,000
330: Stormscope WX-500 – \$10,500
346: Synthetic Vision – \$16,800
450: TAWS-B (Terrain Awareness and Warning System) – \$11,550
524: King KR 87 ADF – \$7,600
563: King KN 63 DME – \$9,800
630: GTX 33 Second Digital Transponder – \$8,850

ADDITIONAL OPTIONS

363: United Kingdom Lighting Package – \$1,300
470: Speed Brakes – \$10,500
700: Top Metallic Base Coat – \$6,300
710: Bottom Metallic Base Coat – \$6,300
715: Optional Matrix Paint Scheme – Quoted Upon Request
AMSAFE: AmSafe Aviation Airbag System (1 ship set) – \$5,500 (Installed after DTS at Piper Factory Service Center, Vero Beach, FL)

Interior Styling

The Matrix interior is available in four distinct color schemes: Sienna, Sand, Steel and Slate. Each scheme includes hand-selected natural leather, tested for maximum quality. All seats and side panels are leather. Thick-woven and wear-resistant color coordinating carpet lines the floor. Complementary headliner is smooth and durable. Each seat has a coinciding cup holder, reading light, and air vent. A built-in work table folds seamlessly into the side panel.

Sienna

Sand

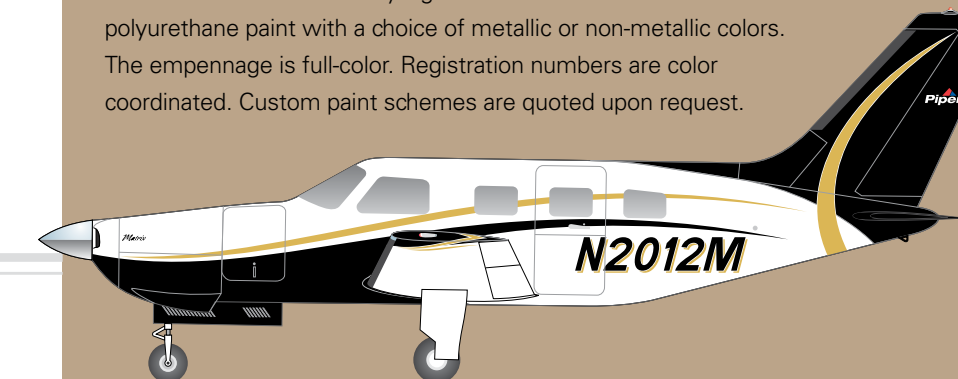
Steel

Slate



Exterior Styling

The 2012 Matrix Exterior Styling offers a two-tone scheme in DuPont Imron polyurethane paint with a choice of metallic or non-metallic colors. The empennage is full-color. Registration numbers are color coordinated. Custom paint schemes are quoted upon request.



* Fly-Away-Factory (F.A.F.) Vero Beach, FL – Dealer delivery and local taxes extra.



P/N 758-785

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. © 2012 Piper Aircraft, Inc.

