

ARCHER III

Pricing and Performance Specifications

2010 ARCHER III



SPECIFICATIONS

Weights

Maximum Take-off Weight: 2,550 lbs (1,157 kg)
Maximum Ramp Weight: 2,558 lbs (1,160 kg)
Standard Equipped Weight: 1,688 lbs (767 kg)
Standard Useful Load: 870 lbs (395 kg)

Dimensions

Wing Span: 35.5 ft (10.8 m)
Length: 24.0 ft (7.32 m)
Height: 7.3 ft (2.2 m)

Fuel Capacity

Useable: 48 US gal (182 liters)

Cruising Speeds: TAS

75% Power, 7,900 ft., Best Power Mixture: 128 kts (237 km/h)

Cruising Range

Cruise Power, 75% at sea level: 444 nm (822 km)
Cruise Power, 65% at sea level: 487 nm (902 km)
Cruise Power, 55% at sea level: 522 nm (967 km)
Includes 45 minute fuel reserve plus allowance for fuel used during taxi, take-off, climb and descent.

Service Ceiling

(100 fpm): 14,100 ft (4,298 m)

Take-off Distance: Flaps 25°, 2,550 lbs

Ground Roll: 1,135 ft (346 m)
Total over 50 ft Obstacle: 1,608 ft (490 m)

Landing Distance

Ground Roll: 920 ft (280 m)
Total over 50 ft Obstacle: 1,400 ft (427 m)

STANDARD EQUIPMENT

Engine: Lycoming, O-360-A4M
Horsepower: 180
Number of Cylinders: 4

Propeller: Sensenich, 2 Blades, Fixed Pitch

Avionics

Avidyne Entegra Flat Panel Display System (Includes 1 PFD and 1 MFD) S-TEC 55X Autopilot with Electric Trim, Altitude Preselect, Stand-by Flight Instruments, Second GNS 430W NAV/COM/GPS (WAAS Enabled), Stand-by Alternator EMax Engine Indication System CMax Electronic Approach Charts

Standard Avionics (for Avidyne and Garmin)

GTX 330 Transponder
GMA 340 Audio Panel

Tail Strobe Light, Low Profile

PiperAire Air Conditioning

Low Noise Exhaust Resonator (Muffler)

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

OPTIONAL EQUIPMENT

Avidyne Avionics Equipment Options

222: Carburetor Ice Detector – \$1,500
225: GI 106A VOR/LOC/GS/GPS Indicator – \$2,600
240: Avidyne Satellite Broadcast Receiver – \$5,000
332: SKY-497 Skywatch – \$22,100
524: ADF – King KR 87 with KI 227 Indicator – \$9,000

Archer G500 ProVision Avionics Equipment Options

505: Garmin G500 Includes 1 PFD/1 MFD, S-TEC 55X Autopilot w/ Electric Trim, Stand-by Flight Instruments, Synthetic Vision, Second GNS 430W NAV/COM/GPS (WAAS Enabled), XM Satellite Radio/Weather (GDL 69A) – **(US Only)** WX-500 Stormscope

235: Jeppesen ChartView – \$3,600
332: SKY-497 Skywatch – \$22,100
524: ADF – King KR 87 – \$7,200

Miscellaneous Equipment

277: Wheel Fairings Removal (*Trainer Option*) – \$(2,900)
563: DME – King KN 63 – \$12,500
710: Top Metallic Base Color – \$580

AMSAFE: AmSafe Aviation Airbag system (1 ship set) – \$5,200
(Installed after DTS in Service Center)

Electromechanical Archer Available Upon Request

International Options

363: United Kingdom Lighting Package – \$1,000
(UK Aircraft only, if required)

Interior Styling

Designer Interior utilizes an off-white headliner with matching side panels, line and color-coordinated nylon carpeting. Four leather seats. The interiors are offered in a choice of colors: Dark Khaki, Light Quartz or Dark Quartz.

Exterior Styling

Standard 2010 Exterior Styling offers a two-tone non-metallic color base color in DuPont Imron with a choice of metallic or non-metallic colors for the trim stripes with two paint scheme options available.

Fleet Sales Inquiry

The Americas / Europe / Middle East / Africa
Bruce Cady: bruce.cady@piper.com or 772-299-2830

Asia / Pacific Rim

Mary Messuti: mary.messuti@piper.com or +1 772-473-0696

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