



## 2010 Piaggio P180 Avanti II

Serial 1210 Registration N481BR

# Specifications



**TOTAL TIME AIRFRAME & ENGINES: 2,346**  
**LANDINGS: 2,067**

**ENGINES: Pratt & Whitney PT6A-66B**  
**3,600 Hour TBO (850 hp)**

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**PROPELLERS:**  
Hartzell HC-E5N-3A/AL (5 – Blade)

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### AVIONICS EQUIPMENT:

#### Rockwell Collins Proline 21

*Three 8"x10" Color Liquid Crystal Displays (LCD). The Primary Flight Displays (PFD) are located on the pilot's and copilot's panel with an Enhanced Multi-Function Display (MFD) on the center panel. All displays can provide compass, radar information, and engine parameters. The MFD has enhanced capabilities and is able to display a variety of graphical information. The weather display may be overlaid on either the arc or map format. The PFD's also display lateral navigation information in conjunction with the compass information.*



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Vertical deviation, distance, display, autopilot/flight director annunciations, and navigation bearings are also displayed on the PFD. Dual Collins AHC-3000 Attitude Heading Reference Systems supply attitude and magnetic or true heading information to the PFD. Engine parameters will be displayed at the top of the MFD, including N1, N1 reference, thrust mode, ITT, ignition selected annunciation, N2, oil temp, oil pressure, fuel quantity, fuel flow and fuel temperature. Below the engine display is a window which may display extended FMS data or an integrated electronic checklist. The lower portion of the MFD displays navigation in either a full compass rose, partial compass arc, present position (PPOS) map format or a planning map format. Situational awareness presentations (weather detection, TAWS, and TCAS) may be overlaid on either the arc or PPOS map formats. Temperatures (TAS, RAT, SAT and ISA deviation) are displayed at the bottom of the MFD. Electronic approach and taxi charts and uplinked graphical weather may also be displayed on the MFD. The Collins Flight Management System FMS-3000's provides multiple waypoint navigation solution blended from available GPS, VOR, and DME sources, suitable for en-route, terminal, and non-precision approach navigation. Both lateral and vertical modes may be displayed on the Flight Director and may be fully coupled to the autopilot. Airway flight planning, plain language identifiers and airport communication and navigation frequency lookup features are included. Present position referenced geopolitical and airspace boundaries, and airways may be overlaid on any of the FMS formats. The CDU-3000 (Control Display Unit) provides an alternate method for controlling the radio sensors, in lieu of the RTU-4200 (Radio Tuning Unit). An optional Performance Data Base is available which will enable ground-based predicted performance, including automatic computation of takeoff reference speeds.

**RADIO MANAGEMENT SYSTEM:** Rockwell Collins RTU-4200, CDU-3000  
**COMMUNICATIONS:** Dual Rockwell Collins VHF-4000 w/8.33 kHz spacing  
**VHF/ADF NAVIGATION:** Rockwell Collins NAV-4000 VOR/ILS/MKR/ADF receiver  
**VHF NAVIGATION:** Rockwell Collins NAV-4000 VOR/ILS/MKR receiver  
**FLIGHT GUIDANCE SYSTEM:** Dual Rockwell Collins FGC-3003 Autopilot, Yaw Damper & Flight Director  
**EFIS:** Rockwell Collins 3-Tube Integrated System  
**RADAR:** Rockwell Collins RTA-852 Turbulence Detection Color Radar System  
**TRANSPONDER:** Dual Rockwell Collins TDR-94D Mode S Diversity w/ Enhanced Surveillance capability  
**DME:** Rockwell Collins DME-4000 Distance Measuring Equipment  
**RADIO ALTIMETER:** Rockwell Collins ALT-4000 Radar Altimeter  
**ELECTRONIC CHARTS:** Rockwell Collins IFIS 5000 Chartlink permits displaying Jeppesen Electronic Maps & Charts on MFD (subscription required)  
**AIR DATA COMPUTER:** Dual Rockwell Collins ADC-3000 Air Data Computer  
**AHRS:** Dual Rockwell Collins AHC-4000 Altitude Heading Reference System  
**FMS / GPS** Rockwell Collins FMC-3000 Flight Management System/ Global Positioning System  
**GPS SENSOR:** Rockwell Collins GPS-4000A GPS Sensor  
**TCAS:** L3 Communications Sky 899 (TCAS I) Terminal Collision Avoidance System  
**TAWS:** L3 Landmark TAWS 8000 (TAWS B) Terrain Awareness & Warning System  
**ELT:** Techtest Model 503 (3 frequency) Emergency Locator Transmitter  
**TELEPHONE:** Aircel ST-3100 Phone  
**INTEGRATED FLIGHT INFORMATION SYSTEM:** Rockwell Collins IFIS 5000  
**ELECTRONIC CHARTS:** Rockwell Collins ECH 5000 & OVL 5000

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### ADDITIONAL OPTIONS:

**P-180** MTOW Increase (12,100 lbs)

**L3 Communications** GH-3100 Standby Engine Cluster

**Rockwell Collins** MDC-3110 Maintenance Diagnostic System

Dual Clocks

Engine Fire Extinguisher

**RVSM:** Factory Standard



### INTERIOR:

VIP Corporate Interior – Option 3 floorplan (5 + 2 seats), 4 single passenger seats in club arrangement, 1 LH forward seat and RH forward 2-place divan with drawers, Aft fully enclosed lavatory with folding door, sink and water, flushing toilet with belted aft auxiliary passenger seat, dual foldout executive tables, pyramid cabinet with

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ice chest and miscellaneous storage, 110VAC power outlets in cockpit and passenger cabin, sheepskin covers for cockpit seats.



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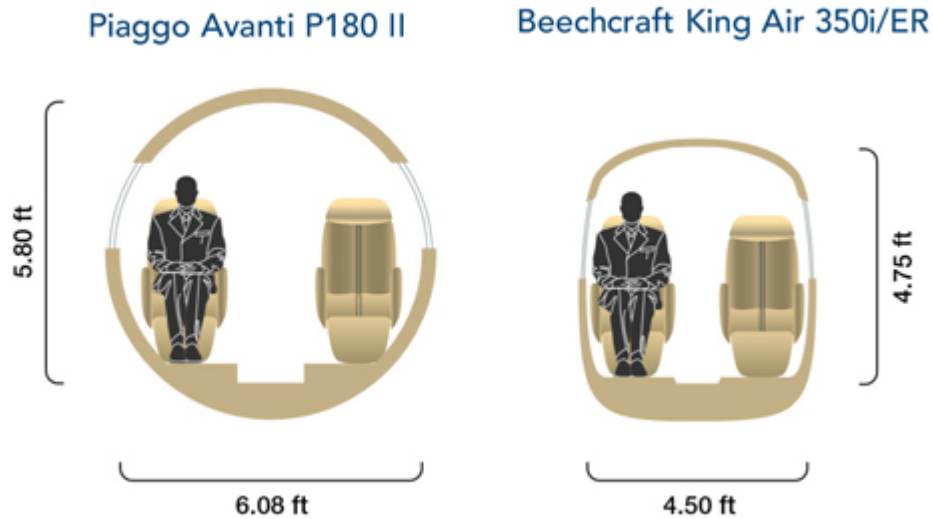
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Chart A - Cabin Cross Section



Source: UPCAST JETBOOK





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### EXTERIOR:

Two-tone Paint Scheme, in Whisper Gray Lower, Matterhorn White with Burgundy Accent Stripes

### BRIEF HISTORY:

One Corporate Owner Since New  
Always Hangared

Professionally Managed & Operated  
No known damage history

*This aircraft is being brokered by East Coast Jet Center, Inc. Prospective purchasers are encouraged to conduct their own independent pre-purchase inspection as East Coast Jet Center, Inc. makes no representations as to the airworthiness of the aircraft or the accuracy of the above information. Specifications subject to verification upon inspection. Aircraft subject to prior sale.*

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