PIAGGIO P-180 AVANTI II Model Guide

PIAGGIO P-180 AVANTI II is a turboprop with a pressurized cabin, a forward wing, a mixed metal and composite airframe and a fuselage-integral fuel tank. The registry family (P-180) lists up to 9 passengers, up to 1700 nm range, up to 348 kt cruise and a ceiling up to 41000 ft. Those are family maxima, not figures for this variant.

KEY TAKEAWAYS

- Check RVSM status first: after October 20th, 2021 RVSM is not allowed unless Mod. 80-1234 or S.B. 80-0467 is installed.
- S.B. 80-0467 Rev. 2 replaces both air data computers and the standby instrument's configuration module. It takes about 16 man-hours.
- Maintenance moved from a 150 FH A inspection to 200 FH light inspections for the aircraft and for each nacelle.
- Family-level maxima only: up to 1700 nm, 348 kt, 5200 kg MTOW and 41000 ft. Confirm figures in the aircraft's own flight manual.

RVSM AND AIR DATA UPGRADE

Temporary Change 107 to the AFM applies to airplanes from MSN 1105 up. RVSM is allowed with Mod. 80-1234 or S.B. 80-0467 installed. S.B. 80-0467 updates the static source error correction to improve altitude accuracy. It is a recommended bulletin. Its effectivity is MSN 1002, 1105 thru 1234 and 3001 thru 3010. Weight and balance are not affected.

MAINTENANCE SCHEDULE

The February 2012 Piaggio letter says the 150 FH A inspection is no longer required. Three 200 FH tasks replace it: aircraft light inspection and servicing, and the left and right nacelle light inspections. The engine minor inspection is done together with each nacelle inspection. Operators can switch over after a B or D check.

AIRFRAME CONSTRUCTION

The airframe is metal and composite. The fuselage is semi-monocoque 2024 Alclad aluminium alloy, and the pressurized cabin is separated from the unpressurized baggage compartment by the rear pressure bulkhead. The horizontal stabilizer, ventral fins and landing gear doors are composite. The main wing skins are machined aluminium. The fuel tank is integral with the fuselage above the wing.

SPECIFICATIONS

Max Passengers Family	9

SAFETY NOTES

- Not complying with S.B. 80-0467 may cause loss of RVSM capability, per the bulletin's stated reason.
- Inspect the pitot and static ports and the region around the static ports (the RVSM critical region), and run the RVSM ground test, as the maintenance manual lists.
- If the older standby-instrument configuration module is fitted, a cockpit label says its heading information must be disregarded as unreliable.

AI-aggregated guide for the PIAGGIO P-180 AVANTI II · sources: P.180 II_AFM_Temporary Change_107_RVSM limitation iaw SB 80 ... (#101501) · Service Bulletin: 80-0467 (#100883) · P.180 AVANTI II MAINTENANCE MANUAL VOLUME 1 (#100882) · PIAGGIO P.180 AVANTI II MAINTENANCE MANUAL (#101242) · PIAGGIO P.180 AVANTI II MAINTENANCE MANUAL (#101901) · generated 2026-10-18 · Reference only, not for flight. Check the original documents before relying on this guide.