EUROCOPTER AS350BA Model Guide

EUROCOPTER AS350BA is a variant in the Airbus Helicopters AS350 (registry model 350) family. Its library row has no variant specs, so the figures below are family-level 'up to' values. The documents show a factory Turbomeca Arriel or a Lycoming LTS-101-600A-3A fitted by STC. The library lists it as piston, which conflicts with the registry's turboshaft class.

KEY TAKEAWAYS

- Family figures only: up to 5 passengers, 2500 kg MTOW, 550 nm range, 135 kt cruise, 17000 ft ceiling. Confirm BA limits in its flight manual.
- Engine fit differs between aircraft: factory Turbomeca Arriel, or Lycoming LTS-101-600A-3A by STC SR00772SE or SR00805SE. Check which one is installed.
- Check logbooks for STC add-ons (inlet air filter, floor protection) and for the matching service bulletins and flight manual supplements.
- The registry class (turboshaft) and the library class (piston) disagree, so verify the engine from the aircraft records.

ENGINE AND INLET AIR FILTER STC

The FDC bulletin SB.FDC.AS350.0002 lists the BA with a Lycoming LTS-101-600A-3A by STC and the Arriel as factory. It applies to FDC inlet air filter systems under STC SR00811SE or SR01049SE. It is mandatory and due within 60 hours flight time or 60 days, whichever comes first.

HINGED DOOR FLOOR PROTECTION KIT

Alpine Aerotech's kit (AAL-312-020-001) covers AS350s with aft left and right hinged doors. It protects the cabin floor during loading. It adds 15.23 lbs (6.906 kg). It has no airworthiness limits, and repairs are not permitted; contact the maker.

WHAT TO INSPECT

For the floor kit, do a general check every day and a detailed check every 150 hours or 12 months, whichever comes first. Look for delamination and for damage under the Velcro. For the filter, confirm that both bypass doors fully open and close on the Engine Alternate Air switch.

SPECIFICATIONS

Family Max Passengers	5
Family Max Mtow Kg	2500

PERFORMANCE

Family Max Range Nm	550
Family Max Cruise Speed Kt	135
Family Max Service Ceiling Ft	17000

WEIGHT & BALANCE

Floor Kit Weight Lbs	15.23
Floor Kit Weight Kg	6.906
Floor Kit Longitudinal Arm In	69.622

SAFETY NOTES

- Inlet filter bulletin SB.FDC.AS350.0002 is mandatory: 60 flight hours or 60 days. Check the logbook for the entry showing it was done.
- The filter bulletin requires flight manual revision RFMS 1350-1200 revision C or later. Confirm it is on board.
- The floor kit cannot be repaired. Damage found at inspection means contacting Alpine Aerotech.

AI-aggregated guide for the EUROCOPTER AS350BA · sources: SERVICE BULLETIN (#100071) · HINGED DOOR FLOOR PROTECTION, KIT INSTRUCTIONS FOR CONTINUING AIRWORTHINESS (#102774) · generated 2026-11-24 · Reference only, not for flight. Check the original documents before relying on this guide.