

EUROCOPTER AS350B-2 Model Guide

EUROCOPTER AS350B-2 is the AS350B2 variant of the Airbus Helicopters 350 family, which the registry lists as turboshaft with up to 5 passengers. The supplied documents are maintenance and modification papers, not a flight manual. This guide therefore focuses on what to verify in the logbooks before you buy.

KEY TAKEAWAYS

- Fin attachment Alert Service Bulletin 55.00.16 (MOD 073330) is mandatory and lists version B2. Confirm in the logbook that it was done.
- The twist grip micro-contact alert bulletin lists version B3 and Arriel 2B1 with FADEC. Confirm whether it applies, and check the repeat intervals.
- An Inlet Barrier Filter STC kit may be fitted. Ask for the filter maintenance aid condition and servicing records.
- A Garmin GTN 6XX/7XX avionics STC (SR02120SE) exists for AS350B2/B3. Verify what is actually installed and its records.

MANDATORY BULLETINS TO VERIFY

Fin bulletin 55.00.16 improves fatigue strength of the upper and lower fin attachment. It replaces bolts and washers and enlarges the fitting holes. New helicopters delivered from 1st April 2007 have MOD 073330 built in. The twist grip bulletin requires a first check within 10 flying hours or 7 days. After that, checks are due every 330 flying hours or 6 months in salt-laden conditions, or every 660 flying hours or 12 months otherwise.

INLET BARRIER FILTER AND AVIONICS

The Donaldson Inlet Barrier Filter supplement covers the AS350B, B1, BA, B2 and B3. It has a cockpit FILTER/BYPASS indicator, a 3 amp circuit breaker and a ground-visible filter maintenance aid. Flight under falling snow is permitted with it fitted. The Garmin GTN 625/635/650/725/750 retrofit can add a GMA 35/35c audio panel and Flight Stream 510. Ask for the installed-equipment list and weight and balance records.

CABIN FLOOR PROTECTION KIT

Alpine Aerotech offers a floor protection kit for AS350s with aft left-hand sliding doors. It is inspected daily and again every 150 hours or 12 months, for delamination and floor damage. Repairs to the kit are not permitted. The kit adds 14.46 lbs, so check that the weight and balance records reflect it.

SPECIFICATIONS

Family Max Passengers	5
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PERFORMANCE

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

WEIGHT & BALANCE

Lhs Floor Protection Kit Weight Lbs	14.46
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SAFETY NOTES

- Twist grip bulletin: a failed micro-contact can prevent IDLE to FLIGHT switching in autorotation training. Salt water exposure raised the risk, so ask about coastal or offshore use.
- With the filter bypass door open, avoid dirty or dusty environments, because compressor erosion can result. Service the filter if the IBF FILTER light stays on.
- Check for missing quarter-turn filter fasteners, which can damage the engine.