EUROCOPTER AS355F-1 Model Guide

EUROCOPTER AS355F-1 is the F1 variant in the AS355 family (E, F, F1, F2, N, NP), listed under Airbus Helicopters. The supplied data has no variant-specific specs or performance, and the sources disagree on engine type (piston category vs turboshaft class). The one detailed document is an alert service bulletin on tail fin attachments, so this guide centres on that check.

KEY TAKEAWAYS

- Alert Service Bulletin 55.00.11 covers the F1 and is mandatory: it governs the upper and lower tail fin attachments.
- Check the logbook for MOD 073288 and MOD 073330. MOD 073330 cancels the bulletin's repeat checks.
- Without MOD 073330, the fin screw torque and upper fin splice check is repeated every 110 flying hours.
- No variant-specific range, speed, weight or seat data was supplied. Get these from the flight manual.

WHAT THE FIN BULLETIN REQUIRES

The bulletin followed cracks found in the upper fin spar on AS355 N helicopters. MOD 073288 fits longer screws with lock-wire. The maker states that failure of the attachment can lead to loss of the fin. It still requires screw replacement and checks every 110 flying hours.

MOD 073330: THE PERMANENT FIX

Revision 2 of the bulletin is dated 2008.02.28. It introduces MOD 073330, which enlarges the screw holes to reduce the risk of forced fitting. It also adds modified washers and special bolts with higher heads. Fins post-MOD 073330 are not affected by this bulletin.

FAMILY-LEVEL FIGURES ONLY

Registry data covers the whole AS355 family, not the F1 alone. It shows up to 6 passengers, up to 2600 kg maximum takeoff weight, up to 390 nm range and up to 13500 ft service ceiling. Treat these as family maxima and confirm the F1's own limits.

PERFORMANCE

Family Max Range Nm	390
Family Max Service Ceiling Ft	13500

SAFETY NOTES

- Without MOD 073330, upper fin screws must be replaced and the fin splice checked for cracks or loose rivets every 110 flying hours.
- Screws must be post-MOD 073288. Mixing is prohibited. Torque is 0.85 to 1.05 daN.m, and the screws must be lock-wired.
- If a screw torque is under 80% of the minimum, the upper fin spar needs a crack check. Cracks or loose rivets mean replacement or repair.

AI-aggregated guide for the EUROCOPTER AS355F-1 · sources: ALERT SERVICE BULLETIN AS355 No. 55.00.11 (#102836) · generated 2026-11-24 · Reference only, not for flight. Check the original documents before relying on this guide.