

EUROCOPTER AS365N-3 Model Guide

The EUROCOPTER AS365N-3 is a variant in the Eurocopter 365 helicopter family. The family is registered as turboshaft-powered and carries up to 3 passengers. The supplied documents give no variant-specific performance data, so a buyer should verify figures against the aircraft's own flight manual and records.

KEY TAKEAWAYS

- Family-level maxima only: up to 430 nm range, 137 kt cruise, 4000 kg MTOW and 15500 ft ceiling. These are not AS365N-3 figures.
- The only document supplied is an airworthiness directive on flight control stop screws that covers the AS 365 N3.
- Check the logbook for compliance with the stop-screw directive and for MOD 0767B58.
- The library row lists a piston category, which conflicts with the family's turboshaft class. Confirm the engine type from the aircraft's documents.

SAFETY NOTES

- Loose flight control stop screws can lead to misadjusted stops. Confirm the check and sealing required by the directive were done and recorded.
- The directive took effect on August 5, 2004. Confirm any later directives or revisions separately, since none were supplied.

WHAT THE FAMILY DATA SAYS

The registry entry covers the whole 365 family, including AS-365N2, AS-365N3, SA-365C and SA-366G1. It reports a turboshaft propulsion class. The highest values across variants are 430 nm range, 137 kt cruise, 4000 kg MTOW, 3 passengers and 15500 ft service ceiling. These are 'up to' figures for the family, not figures for this variant.

FLIGHT CONTROL STOP SCREW DIRECTIVE

Czech CAA directive CAA-AD-077/2003R1 adopts DGAC AD F-2003-322 R1 and applies to AS 365 N, N1, N2 and N3 before MOD 0767B58. The stop screws can loosen and misadjust the yaw channel auxiliary flight control stops. The directive required a stop check within 100 flight hours. It also required the screws to be sealed within 500 flight hours or one year, whichever came first.

WHAT TO VERIFY WHEN BUYING

Ask for logbook proof that the directive was complied with, as the directive requires it to be recorded there. Confirm whether MOD 0767B58 has been embodied. Check that Alert Service Bulletin AS 365 N No. 67.00.09 R1 (or a later approved revision) was carried out. Get the engine type and performance figures from the aircraft's own manual.