

SIKORSKY S-92 Model Guide

SIKORSKY S-92 is a Sikorsky helicopter, and the S-92A is the only variant listed. Registry data for the model family shows a turboshaft type with up to 26 passengers, up to 140 kt cruise and up to 490 nm range. The supplied documents are service bulletins, so this guide focuses on airworthiness items to verify before buying.

KEY TAKEAWAYS

- Family-level figures: up to 26 passengers, 140 kt cruise, 490 nm range, 15000 ft ceiling, MTOW up to 12000 kg (S-92A is the only variant listed).
- Confirm SSI 92-121 (MGB oil pressure warning circuit breaker mod) is done on S/Ns 920006 through 920304 and 920311 through 920314.
- Confirm ASB 92-25-026 seat inspection/repair is recorded for S/Ns 920006 through 920296 with utility or observer seats; the deadline was March 5, 2021.
- Ask for logbook proof: ASB compliance is recorded on form SA7343-15 and in the Sikorsky360 E-Notification section.

MAIN GEARBOX OIL WARNING MODIFICATION (SSI 92-121)

M XMSN OIL WARN circuit breakers have popped during flight. This caused erroneous cockpit cautions and incorrect engagement of the MGB bypass valve. The fix adds a separate circuit breaker for the MGB last jet pressure switch. It applies to S-92A S/Ns 920006 through 920304 and 920311 through 920314. Sikorsky recommends compliance per ASB 92-63-037.

CRASHWORTHY SEAT REPAIR (ASB 92-25-026)

Some side facing utility seats and observer seats were built with a changed tube finishing process (circa July 2012). In testing, a utility seat detached from its wall attachment on one side. The observer seat may see excessive lumbar loads in a crash. The fix replaces the back main tube using Martin-Baker SIL 831 and 833. Repair kits are free of charge, and the estimate is 2.0 man-hours per seat.

WHAT TO VERIFY BEFORE PURCHASE

Check the serial number against both effectivity ranges. For SSI 92-121, check that AMS 7.1, the MGB vacuum switch and the MGB oil pressure auto bypass system are installed. For seats, check the seat serial numbers against SIL 831 and 833 tables, and look for a 'SIL831 incorporated' or 'SIL833 incorporated' marking under the seat platform.

SPECIFICATIONS

Family Max Passengers	26
Propulsion Class	turboshaft

PERFORMANCE

Family Max Range Nm	490
Family Max Cruise Speed Kt	140
Family Max Service Ceiling Ft	15000

SAFETY NOTES

- Seats built with the changed tube finish may not attenuate as required in a crash. Confirm each seat was repaired or is not on the affected serial list.
- Popped MGB oil warning circuit breakers caused false cautions and incorrect MGB bypass valve engagement. Confirm the modification is done.