

SIKORSKY UH-60L BLACK HAWK Model Guide

The SIKORSKY UH-60L BLACK HAWK is a turboshaft utility helicopter in the Army UH-60 family. Variants in the registry are UH-60A, EH-60A, HH-60L and UH-60L. The sources are military technical manuals, not sale listings. They give no variant-specific price, hours or payload figures, so figures here are family-level only.

KEY TAKEAWAYS

- Family-level maxima only: up to 320 nm range, 145 kt cruise, 9100 kg MTOW, 14 passengers and 19000 ft service ceiling across the UH-60 family.
- The manuals are Army publications with Distribution Statement D (DOD and contractors only). Ask a seller which records they can legally supply.
- Airframe structural kits are documented (door posts, firewalls, tail pylon, tailcone). Ask which, if any, were installed.
- The operator manual (25 September 2009) covers the UH-60A, UH-60L and EH-60A. The maintenance manual also covers the HH-60L.

SAFETY NOTES

- Turbine fuels and lubricating oils contain additives that are poisonous and absorbed through the skin; do not leave them on skin longer than necessary.
- If smoke, suspected carbon monoxide fumes or symptoms of anoxia occur, the crew should immediately ventilate the cockpit.
- Stay six feet from ASE transmit antennas when on. Touching the HF antenna while it is transmitting can cause serious injury or death.

WHAT THE DOCUMENTS COVER

TM 1-1520-237-10 is the operator's manual. It has chapters on operating limits, weight and balance, performance data, normal procedures and emergency procedures. TM 1-1520-237-23-1 is the unit and intermediate maintenance manual, which lists the UH-60L under NSN 1520-01-298-4532. The depot work requirement DMWR 1-1520-237-3 covers airframe modifications.

WHAT TO CHECK BEFORE BUYING

The depot document describes structural kits chosen using corrosion evaluation data, a crack database and field service reports. Ask for records showing which kits were fitted to the airframe and what condition it is in. Also ask for the aircraft's weight and balance data. The operator manual says each aircraft's loading data is in its Chapter 6.

OPERATING ENVIRONMENT

The operator manual warns that sound levels in some operating conditions exceed hearing-conservation criteria. Hearing protection is required for everyone in and around the aircraft during operation. Helmet and ear plugs are required when speeds are above 120 knots or flights exceed 100 minutes in 24 hours.