

BELL 206A Model Guide

BELL 206A is a light Bell helicopter. The library lists it as single-engine-piston, but the Bell 206 family registry data shows turboshaft propulsion, so confirm the engine type in the aircraft's records. The source documents cover only optional equipment: cargo hook and load-weigh kits, and a baggage floor protector.

KEY TAKEAWAYS

- No BELL 206A-specific performance, weight or V-speed data is in the inputs. Get it from the flight manual and the aircraft's records.
- Onboard Systems cargo hook kits are approved for Bell 206A and 206B with Bell cargo hook suspension P/N 206-072-900-1, -101, or -103.
- An Alpine Aerotech baggage compartment floor protector kit exists for the 206A/B. It adds 3.17 lb and has no airworthiness limitations.
- Library and registry data disagree on engine type (piston vs turboshaft). Verify before you buy.

SAFETY NOTES

- Early cargo hooks have a suppression diode that is damaged if the electrical connections are reversed. Check connector polarity before connecting.
- Hook kit installation is for experienced maintenance facilities. Rig the manual release cable with the hook closed and locked, with a gap of at least .125 inches.

CARGO HOOK AND LOAD-WEIGH KITS

Kit 200-267-02 is the hook. Kit 200-390-00 adds a load-weigh system. Kit 200-389-00 upgrades an E-45 load-weigh system. Hook design load is 3,600 lb. Electrical and mechanical release capacity is 9,000 lb. The kits do NOT fit early Onboard hooks (528-010 or 528-017 series). Check which hook is fitted.

BAGGAGE FLOOR PROTECTOR

Alpine Aerotech kit AAL-313-050-001 protects the composite baggage floor panels from cargo damage in seismic, logging and other industrial use. It weighs 3.17 lb (1.44 kg). Inspect it every 300 hours or 12 months for delamination and for damage to the honeycomb panel under the Velcro. Repairs are not permitted.

VARIANTS AND DATA GAPS

The registry family lists these variants: 206, 206A, 206A-1, 206A-1 (OH-58A), 206B and 206B-1. Year of manufacture, seat count, specifications and performance are blank for BELL 206A in the library. Ask the seller for the flight manual and the maintenance records.