

BELL UH-1H Model Guide

BELL UH-1H is a Bell utility helicopter. Registry data for the UH-1H family lists turboshaft power and up to 16 passengers. This library record instead labels it single-engine piston, so confirm the engine on any airframe you inspect. The supplied documents are a main rotor blade maintenance manual, a service bulletin for the UH-1H-II, and a simulator checklist.

KEY TAKEAWAYS

- Family-level registry figures, shown as up to: 300 nm range, 117 kt cruise, 14000 ft ceiling, 4700 kg MTOW, 16 passengers. Not confirmed for this variant.
- Main rotor blade P/N 204P2100-101 and -103 are covered by HTC manual HTCM-006, which applies to all FAA certificated UH-1H.
- The engine type conflicts: the library says piston and the registry says turboshaft. Check the airframe records before you rely on either.

MAIN ROTOR BLADES

HTCM-006 (change letter D, 01/03/2020) covers installation and maintenance of main rotor blade P/N 204P2100-101 and -103 on the UH-1H. It includes inspection requirements, an overhaul and retirement schedule, flight safety critical parts, nick, scratch, corrosion and dent limits, and tracking and balancing. Ask the seller for blade life and tracking records.

TAIL ROTOR COUPLING BULLETIN

Alert Service Bulletin UH-1H-II-26-38 (20 May 2026) applies to the UH-1H-II. It calls for a corrosion inspection of tail rotor drive inner couplings 204-040-603-007, -009 and -011 within 600 flight hours or 12 months. Part II replacement is due within 90 days of Part I if corrosion exceeds the repair limits. Confirm whether your airframe is covered.

CHECKLIST DATA IS SIMULATOR ONLY

The normal procedures checklist calls for an RPM check of 6600 before takeoff and before landing, and throttle at idle for 2 minutes before shutdown. The document is marked not for real world operations and was written for a flight simulator. Use it for orientation only, not as aircraft limits.

PERFORMANCE

Family Max Range Nm	300
Family Max Cruise Speed Kt	117
Family Max Service Ceiling Ft	14000

SAFETY NOTES

- Per the bulletin, coupling corrosion deeper than 0.005 inch, or felt with a 0.020 inch radius probe, means replacing the coupling before the next flight.
- The checklist is for Digital Combat Simulator and marked not for real world operations. Do not treat its values as approved operating data.