MD HELICOPTERS 600N Model Guide

MD HELICOPTERS 600N is covered here by float, cargo hook and service bulletin documents. No variant-specific spec sheet was supplied. Family-level registry data lists turboshaft power and up to 8 passengers, up to 380 nm range, up to 134 kt cruise and up to 20000 ft ceiling. Library data says piston, which conflicts, so confirm the engine type from the aircraft records.

KEY TAKEAWAYS

- Family-level figures are only 'up to' values: 380 nm range, 134 kt cruise, 8 passengers. They are not confirmed for a specific aircraft.
- With Apical emergency floats fitted, maximum gross weight is 4100 pounds and water landings have not been demonstrated.
- Several mandatory service bulletins apply to the 600N: rotor blade root, lead-lag bolts and the tail rotor torque tube.
- Ask for proof of compliance with each bulletin in the Rotorcraft Log Book compliance record.

EMERGENCY FLOATS (APICAL STC SR00471LA)

Floats are stowed on top of each skid and inflate from a nitrogen vessel when the cyclic handle is pulled. They are for emergency landings only. Maximum inflation speed is 85 KIAS and maximum inflation altitude is 6,600 ft above the landing surface. Over-water operating temperature range is -4° F to +125° F. Takeoff after a water ditching is prohibited.

CARGO HOOK OPTIONS

The Onboard Systems dual cargo hook system (STC SR02693LA) is documented for the 600N. Kit P/Ns 200-448-01 and 200-383-01 were added for this model in Revision 3 (08/17/2021). Its Instructions for Continued Airworthiness cover inspection, overhaul schedules and servicing. Check which hook and load-weigh kit is fitted and whether its inspections are current.

MANDATORY SERVICE BULLETINS TO VERIFY

SB600N-071R1 requires an enhanced 100-hour inspection of the main rotor blade root fittings. SB600N-073 covers main rotor lead-lag bolts P/N 369D21220 with unauthorized plating repairs. SB600N-080R2 requires torque tube inspection, then a borescope check at every 300-hour inspection. Confirm serial numbers and compliance entries.

SPECIFICATIONS

Propulsion Class	turboshaft
Family Max Passengers	8

PERFORMANCE

Family Max Range Nm	380
Family Max Cruise Speed Kt	134
Family Max Service Ceiling Ft	20000
Max Float Inflation Altitude Ft	6600

V-SPEEDS

Max Float Inflation Speed Kts	85
Max Speed Floats Inflated Kts	100
Ferry Speed Floats Inflated Kts	100

WEIGHT & BALANCE

Max Gross Weight Floats Installed Lbs	4100

SAFETY NOTES

- Tail rotor torque tube cracking has reduced pedal authority in service. Above 600 flight hours, SB600N-080R2 requires inspection within 5 flight hours.
- Night flight over water beyond autorotational capability to the ground is prohibited unless the Float Lamp Assembly is installed.
- After a water landing, inspect the electrical and mechanical components in the lower fuselage and the pitot static system.

AI-aggregated guide for the MD HELICOPTERS 600N · sources: MD HELICOPTERS, INC. MODEL 600N EMERGENCY FLOATS (#100734) · Instructions for Continued Airworthiness Dual Cargo Hook System (#100845) · 2100-11 - Helicopter Technology Company (#100846) · Inspection of the Main Rotor Hub Lead-Lag Bolts, Part No ... (#101232) · SB369H-263R2, SB369D-229R2, SB369E-129R2, SB369F-119R2 ... (#101681) · generated 2026-10-18 · Reference only, not for flight. Check the original documents before relying on this guide.