



MD 500E

MISSION PROVEN

MD
HELICOPTERS™

MD 500E

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UTILITY / PUBLIC SAFETY / MILITARY TRAINING / TOURISM / AGRICULTURE

The MD 500E helicopter delivers the highest speed, payload, and productivity in its class.

With a five-blade main rotor and a choice of 420-shp Rolls-Royce 250-C20B or 450-shp Rolls-Royce 250-C20R turbine engine, the MD 500E offers unparalleled versatility for a wide range of customer-defined mission profiles.



MD's new slimline glass cockpit provides increased visibility on both sides compared to the old analog cockpit design.

ADVANCED AVIONICS

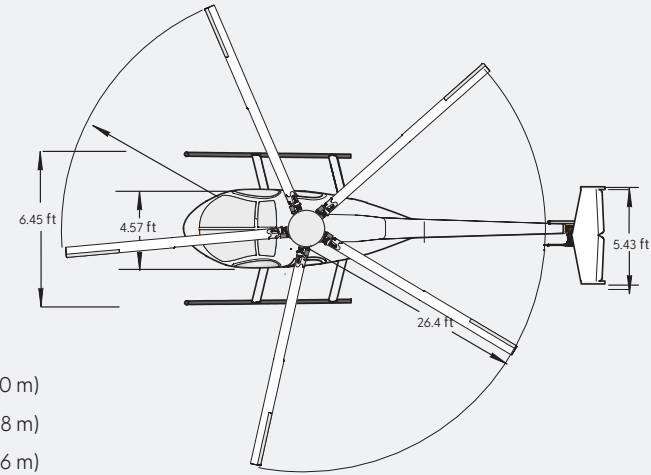
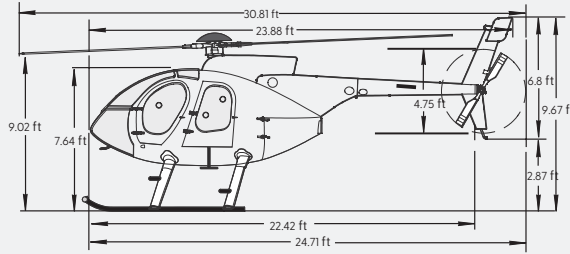
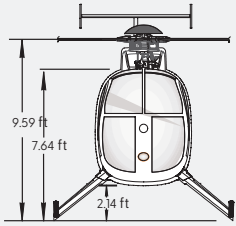
The MD 500E aircraft is outfitted with MD's slimline glass cockpit design that includes four inches of additional visibility on both sides of the instrument panel, supporting maximum visibility for the pilot and co-pilot. The modernized design features the Garmin G500H TXi™ dual touch-screen integrated display system with screens serving as Primary Flight Display (PFD) and Multi-Function Display (MFD). Helicopter Synthetic Vision Technology (HSVT™) and Helicopter Terrain Awareness and Warning System (HTAWS) capabilities are also available via the Garmin G500H TXi™. Dual Howell Instruments displays serve as the Engine Indicating and Crew Alerting System (EICAS), while the liquid crystal display Garmin GTN™ 650Xi provides navigation and communication functions, while also including a moving map for airway and approach procedures.

KEY FEATURES AND BENEFITS

The MD 500E is designed with the operator in mind. The large, flat floor provides plenty of room for cargo, and the useful internal load is ideally suited for a wide range of mission profiles. Delivering high speed, payload, and productivity with low direct operating cost, the MD 500E provides operators with a responsive, agile, and reliable aircraft platform.

- **Rolls-Royce 250-C20R 450 shp Turbine Engine**
- **375 shp Drive System**
- **Static Mast Rotor Support**
- **Five-Blade Fully Articulated Main Rotor**
- **Crashworthy A-Frame Truss w/ Integral Crew Seats**
- **Five-Place Seating Capacity**
- **Flat Cargo Floor**
- **Outstanding Outward Visibility**
- **Simple Mechanical Controls**

MD 500E DIMENSIONS



Ground to Rotor Height	8.65 ft. (2.64 m)	Fuselage Width	4.57 ft. (1.40 m)
Ground to Fuselage Bottom Height	1.77 ft. (0.54 m)	Fuselage Length	23.88 ft. (7.28 m)
Main Rotor Diameter	26.40 ft. (8.05 m)	Horizontal Stabilizer Width	5.43 ft. (1.66 m)
Tail Rotor Diameter	4.58 ft. (1.40 m)	Landing Skid Width	6.45 ft. (1.97 m)

MD 500E PERFORMANCE SPECIFICATIONS

Maximum Cruise Speed	Sea Level	135 kt / 249 kph ¹	135 kt / 249 kph ²
Maximum Range**	1,524 m. (5,000 ft.)	290 nm / 537 km ¹	287 nm / 531 km ²
Maximum Rate of Climb	Sea Level, Standard Day	1,770 ft. /min	(9.0 m /sec)
Maximum Operating Altitude	Density Altitude	16,000 ft. / 4,876 m ¹	16,000 ft. / 4,876 m ²
Maximum Gross Weight	Normal Capacity	3,550 lb / 1,610 kg ¹	3,000 lb / 1,361 kg ²
MD 500E Useful Load	Internal Load	1,519 lb / 689 kg ¹	1,483 lb / 673 kg ²
Main Fuel Tank	64-gallon (242 liter)	403 lbs.	183 kg.
HIGE*	ISA +20C Day	8,500 ft. / 2,590 m ¹	11,300 ft. / 3,444 m ²
HOGE*	ISA +20C Day	6,000 ft. / 1,829 m ¹	9,500 ft. / 2,896 m ²

For a full list of details visit: mdhelicopters.com

¹Based on RR250-C20B Engine ²Based on RR250-C20R Engine *ISA standard day **5,000 ft MSL



HARD-WORKING ROTORCRAFT HAND BUILT BY A HARD-WORKING ORGANIZATION

Trusted by military and civil uses, the unmatched agility, reliability and performance potential of MD Helicopters' unique line of highly versatile light rotorcraft makes them a confident choice for discerning operators.

With a rich history that is unparalleled, we show up to earn our reputation with consistently superior performance every day.



CUSTOMER SUPPORT & SERVICES

Hundreds of law enforcement, military, private, and commercial customers around the world rely on MD aircraft for their superior reliability, low operating costs, ease of operation, and durability. Our extensive experience supporting a global fleet with OEM-quality parts and expert technical advice ensures operators maintain the highest levels of operational readiness.

CERTIFICATION

The MD 500E is a commercial Federal Aviation Administration (FAA) type-certified aircraft under Code of Federal Regulations Title 14, Part 27, Type Certified as the 369E.

BEYOND PERFORMANCE

PERFORMANCE ENGINEERED FLIGHT BACKED BY DEDICATED SERVICE

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