



MD 530F PRODUCT SHEET

Law Enforcement | VIP/Commercial | Utility

The MD 530F delivers a high level of power, performance, and versatility while maintaining low direct operating costs. Its proven design provides increased speed, payload, agility, and high density altitude performance for a wider range of operating environments. The powerful 650-shp Rolls-Royce 250-C30 engine also delivers increased MGW and internal useful load while improving flight characteristics in confined areas.

Powerful horsepower, maximum gross weight, and unmatched performance for multi-mission roles.

Hydraulic-free design eliminates risk of hydraulic failure, lowers operating costs, and reduces flight control forces.





MD530F KEY FEATURES AND BENEFITS

Exceptionally stable, powerful, and agile, even at high density altitudes, the MD 530F expands mission possibilities. The slim, lightweight fuselage and 5-blade fully articulated rotor system provide exceptional confined area maneuverability and control. A powerful engine and drive system deliver increased performance, giving you the edge in more operating environments.

- Rolls-Royce 250-C30 650-shp Turbine Engine
- 650-shp Drive System (Rated Power)
- Five-Blade Fully Articulated Main Rotor
- Four-Place Seating Capacity
- Flat Cargo Floor
- Superior Outward and Downward Visibility
- Dual Screen Garmin Avionics Flight Deck
- Dual Howell Instruments Displays
- Hydraulics-Free Mechanical Controls
- Crashworthy A-Frame Truss w/Integral Crew Seats
- Fail-Safe Static Rotor Mast
- Crash-Resistant Fuel Cells
- Low Acquisition and Operating Costs

MD530F SPECIFICATIONS

Maximum Cruise Speed	Sea Level	134 kt. (154 mph.)
Maximum Range	1,524 m. (5,000 ft.)	223 nm./257 mi.
Maximum Rate of Climb	Sea Level, Standard Day	2,069 ft./min. (10.5 m./sec.)
Maximum Operating Altitude	Density Altitude	16,000 ft./4.877 m.
Maximum Gross Weight	Normal Capacity	3,350 lbs./1,519 kg.
MD 530F Useful Load	Internal Load	1,627 lbs. / 738 kg.
Main Fuel Tank	57.3-gallon (217 liter)	388 lbs. / 175 kg.
Rolls-Royce Model 250-C30 Gas Turbine	Rated Power	650 shp.

MD530F 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	27.35 ft. (8.32 m)	Horizontal Stabilizer Width	5.43 ft. (1.66 m)
Tail Rotor Diameter	4.75 ft. (1.45 m)	Landing Skid Width	6.45 ft. (1.97 m)

THE MD DIFFERENCE

Trusted by operators worldwide, the unmatched agility, reliability and performance of MD Helicopters' highly versatile light rotorcraft makes them the choice of hundreds of law enforcement, military, private, and commercial customers. Extensive experience supporting a hard-working global fleet with OEM-quality parts and highly responsive, expert technical advice and training helps ensure that MD operators maintain superior operational readiness.

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