



530N UPGRADE PACKAGE

WE ARE COMMITTED TO PERFORMANCE

The 530N High-Performance Engine Upgrade delivers significantly improved hot-and-high capability by replacing the legacy 250-C20 engine with the more powerful Rolls-Royce 250-C30 engine, rated at 650 shp, paired with an inlet barrier filter for enhanced operational reliability.

KEY FEATURES

- Rolls-Royce 250-C30 engine (650 shp)
- Inlet Barrier Filter (IBF)
- Enhanced hot-and-high performance capability
- Single-path engine swap, no airframe changes



START YOUR UPGRADE
mdhelicopters.com

Get a quote, lead time, and downtime estimate from your nearest ASC.



FACTORY DIRECT

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Toll free 1.800.388.3378

MD | HELICOPTERS™

4555 East McDowell Road
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KIT CONTENTS

- Rolls-Royce 250-C30 engine (650 shp), replaces 250-C20
- Inlet Barrier Filter (IBF)
- Updated temp, torque, and RPM gauges
- No airframe modifications required

PERFORMANCE METRICS

ENGINE + IBF UPGRADE

SINGLE PATH MOREPOWER FOR HOT & HIGH

The 530N upgrade is a single-path conversion. No airframe modifications.

Recovers hot-and-high hover performance with +1,400 ft OGE @ 35°C and +3,365 ft IGE @ 15°C.

PERFORMANCE METRIC	BASE 500N 3,350 lb MGW	SUPER 530N 3,350 lb MGW	Δ VS BASE
MGW Internal Load (lb)	3,350	3,350	±0
MGW External Load (lb)	3,850	3,850	±0
Empty Weight (lb)	1,725	1,811	+86
Useful Load Internal (lb)	1,625	1,539	-86
Hover IGE @ 15 °C (ft)	6,100	9,465	+3,365
Hover OGE @ 15 °C (ft)	3,400	3,220	-180
Hover IGE @ 35 °C (ft)	3,000	5,210	+2,210
Hover OGE @ 35 °C (ft)	SL	1,400	+1,400
Max Continuous Power (shp)	375	375	±0
Take-Off Power (shp)	425	425	±0

ADDITIONAL OPTIONS *

- Fully Integrated Avionics Panel (Glass Cockpit)
- Single or Dual HEC Hooks with E89 Weighing System
- Mid-Continent MD-23 Flex Doorpost Gauges
- Customized Mission-Specific Suite Upgrades

*NOT ALL INCLUSIVE

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