

**MD** | HELICOPTERS™



## MD AFTERMARKET FIELDDED FLEET UPGRADES

*More Power. Increased Utility. Improved Performance.*

No matter what the mission scenario, every pilot could use more power. Whether it's an increased payload or improved margin of safety, additional power has always been a pilot's friend.

MD's Fielded Fleet Upgrades are designed to unlock the full potential of your aircraft. These upgrades deliver measurable gains in power, utility, and overall performance—extending mission capability while preserving the reliability and handling qualities pilots expect from MD platforms. From utility and training to law enforcement and special mission operations, our upgrades ensure your aircraft is ready to perform when and where it counts.

**MDHELICOPTERS.COM**

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# MORE POWER. INCREASED UTILITY. IMPROVED PERFORMANCE.



## E-to-F CONVERSION

Available Now

Improve your hot and high performance, increase your internal/external MGW by 350 pounds and useful load by 200 pounds with the MD 500E to 530F conversion. This upgrade converts your 500E to a 530FF by adding longer blades top and rear, a tail rotor gearbox extension, a modified tailboom, new vertical and horizontal stabilizers, and replacing your C20 engine with a 650 shp Rolls Royce 250-C30 engine.

PERFORMANCE METRICS	BASE E-MODEL	E-TO-F
MGW INTERNAL LOAD (LB)	3,000	3,350 (+350)
MGW EXTERNAL LOAD (LB)	3,550	3,750 (+200)
EMPTY WEIGHT	1,370	1,522 (+152)
USEFUL LOAD INTERNAL (LB)	1,630	1,828 (+198)
HOVER CEILING IGE (FT)	8,200	14,400 (+6,200)
HOVER CEILING OGE (FT)	6,000	11,500 (+5,500)

## 530N UPGRADE

Available Now

Do you like your 500N but you are not satisfied with its performance in hot and high conditions? Problem solved by replacing your 250-C20 engine with a 650 shp Rolls Royce 250-C30 engine and an inlet barrier filter.

PERFORMANCE METRICS	BASE 500N	SUPER N
MGW INTERNAL LOAD (LB)	3,350	3,350
MGW EXTERNAL LOAD (LB)	3,850	3,850
EMPTY WEIGHT (LB)	1,519	1,601 (+82)
USEFUL LOAD INTERNAL (LB)	1,831	1,749 (-82)
HOVER CEILING IGE (FT, ISA)	8,500	13,000 (+4,500)
HOVER CEILING IGE (FT, ISA +20C)	4,000	9,800 (+4,800)
HOVER CEILING OGE (FT, ISA)	5,150	8,600 (+3,450)
HOVER CEILING OGE (FT, ISA +20C)	0	6,500 (+6,500)



SCAN HERE TO LEARN MORE ABOUT OUR FIELDLED FLEET UPGRADES

## SUPER **D** FAMILY OF UPGRADES

Super D20R Available Now

Three 500D upgrades that involve adding longer blades top and rear, a tail rotor gearbox extension, a modified tailboom, and new vertical and horizontal stabilizers.

Two of the three configurations will allow the aircraft to retain its smaller, lighter M/R gearbox and its 250-C20B or 250-C20R engine, while the third configuration includes the option of replacing the 250-C20 engine with a 650 shp Rolls Royce 250-C30 engine.

PERFORMANCE METRICS	BASE D-MODEL	SUPER D20B		SUPER D20R	SUPER D30
MGW INTERNAL LOAD (LB)	3,000	3,350 (+350)	3,000 **	3,350 (+350)	3,350 (+350)
MGW EXTERNAL LOAD (LB)	3,550	3,750 (+200)	3,550	3,750 (+200)	3,750 (+200)
EMPTY WEIGHT	1,370	1,429 (+59)	1,429 (+59)	1,440 (+59)	1,522 (+152)
USEFUL LOAD INTERNAL (LB)	1,630	1,921 (+291)	1,571 (-59)	1,910 (+280)	1,828 (+198)
HOVER CEILING IGE (FT)	8,200	6,450 (-1,750)	9,800 (+1,600)	9,200 (+1,000)	14,400 (+6,200)

\*\* Performance at former MGW

## SUPER **E** UPGRADE

Coming Soon

If an E to F Conversion is not for you, we have added another option to enhance your MD500 E's performance. The Super E upgrade will increase internal and external MGW and useful load by 300+ and 150+ pounds, respectively, and improve hover performance.

Changes to the aircraft involve adding longer blades top and rear, a tail rotor gearbox extension, a modified tailboom, and new vertical and horizontal stabilizers, but the aircraft retains its D-model M/R gearbox and its lighter-weight, 250-C20B engine.

PERFORMANCE METRICS	BASE E-MODEL	SUPER E	
MGW INTERNAL LOAD (LB)	3,000	3,350 (+350)	3,000 **
MGW EXTERNAL LOAD (LB)	3,550	3,750 (+200)	3,550
EMPTY WEIGHT	1,370	1,429 (+59)	1,429 (+59)
USEFUL LOAD INTERNAL (LB)	1,630	1,921 (+291)	1,571 (-59)
HOVER CEILING IGE (FT)	8,200	6,450 (-1,750)	9,800 (+1,600)
HOVER CEILING OGE (FT)	6,000	3,750 (-2,250)	7,300 (+1,300)

\*\* Performance at former MGW

## WE ARE COMMITTED TO PERFORMANCE ACROSS THE GLOBE

The MD Network has over 40 Authorized Service Centers and Parts Retailers ready to support so you can keep flying. Visit our website to contact your local ASC or Parts Retailer.

Scan the QR code or visit [mdhelicopters.com/support/parts-maintenance-support](http://mdhelicopters.com/support/parts-maintenance-support)



### 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.



SCAN HERE TO LEARN MORE ABOUT OUR FIELDLED FLEET UPGRADES