



MD Helicopters Aftermarket Fielded Fleet Upgrades *Comparisons Guide*

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.

Our fielded fleet upgrades are our promise to you to provide excellence in Aftermarket Support and Services.

CONTACT AN MD AUTHORIZED SERVICE CENTER

The following MD Authorized Service Centers are certified to perform the MD fielded fleet upgrades.

Clemens Aviation | Wichita, Kansas

Thoroughbred Aviation | Kentucky

Axxeum | Huntsville, Alabama

EM Helilogistics | BC, Canada

MDHELICOPTERS.COM/SUPPORT

MD | HELICOPTERS™



MD 500E UPGRADES

500E – to – Super E
500E – to – 530F

Make performance enhancing airframe modifications that are easy and cost-effective to enhance your mission profile. Operate with more power on a hot day with reliable MD F-model blades, a longer tail rotor drive shaft, and a new tailboom extension.

MD
HELICOPTERS™

PERFORMANCE METRICS

	BASE E-MODEL	SUPER E		E-TO-F
MGW INTERNAL LOAD (LB)	3,000	3,350 (+350)	3,000 ***	3,350 (+350)
MGW EXTERNAL LOAD (LB)	3,550	3,750 (+200)	3,550	3,750 (+200)
EMPTY WEIGHT	1,370	1,429 (+59)	1,429 (+59)	1,522 (+152)
USEFUL LOAD INTERNAL (LB)	1,630	1,921 (+291)	1,571 (-59)	1,828 (+198)
HOVER CEILING IGE (FT)	8,200	6,450 (-1,750)	9,800 (+1,600)	14,400 (+6,200)
HOVER CEILING OGE (FT)	6,000	3,750 (-2,250)	7,300 (+1,300)	11,500 (+5,500)
ESTIMATED NET PRICE		\$450K	\$450K	\$995K* – \$1.5M**

* Assumes reconditioned engine
** Assumes new engine
*** Performance at former MGW

PRIMARY KIT CONTENTS

	SUPER E	E-TO-F
ENGINE UPGRADE RR 250-C30		✓
F-MODEL MAIN ROTOR BLADES	✓	✓
F-MODEL TAIL ROTOR HUB & BLADES	✓	✓
TAILBOOM OR TAILBOOM MODIFICATION	✓	✓
TAIL ROTOR DRIVESHAFT	✓	✓
TAILBOOM EXTENSION	✓	✓
VERTICAL STABILIZER	✓	✓
HORIZONTAL STABILIZER	✓	✓
TEMP, TORQUE, AND RPM GAUGES	✓	✓

WEIGHT DIFFERENCES

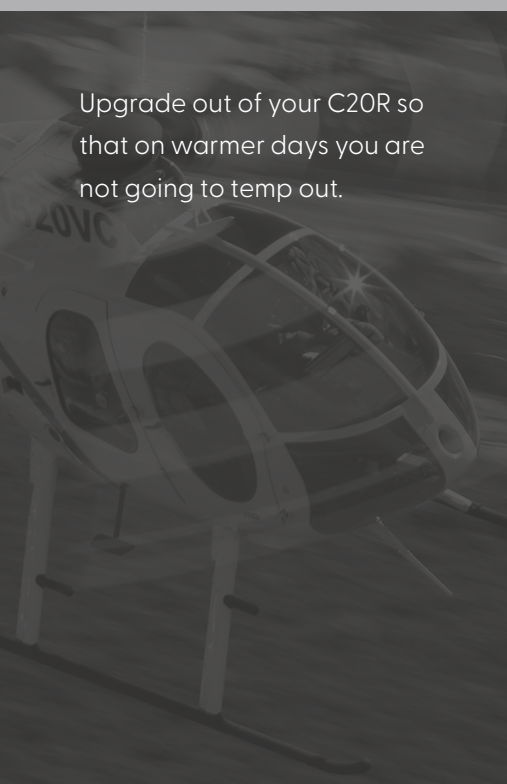
LONGER BLADES,
EXTENSION, ETC. ————— 59
C30 ENGINE ————— 93
TOTAL ————— 152



MD 500 UPGRADES

500N – to – Super N

Upgrade out of your C20R so that on warmer days you are not going to temp out.



MD
HELICOPTERS™

PERFORMANCE INCREASES

	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)
ESTIMATED NET PRICE		\$700K* - \$1.25M**

* Assumes reconditioned engine

** Assumes new engine

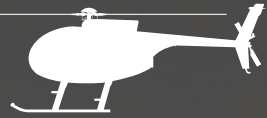
PRIMARY KIT CONTENTS

	SUPER N
ENGINE UPGRADE RR 250-C30	✓
IBF KIT	✓

WEIGHT DIFFERENCES

LONGER BLADES, EXTENSION, ETC.	N/A
C30 ENGINE	93
TOTAL	93

SUPER **N**



MD 500D UPGRADES

500D – to – Super D20B
500D – to – Super D20R
500D – to – Super D30

Choose between three options to upgrade your 500D without having to purchase a new aircraft. Increase sling-loading capability, payload and performance with a new engine and new components.



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)
ESTIMATED NET PRICE		\$450,000	\$450,000	\$450,000	\$995,000*

* Assumes reconditioned engine
** Performance at former MGW

PRIMARY KIT CONTENTS	SUPER D20B	SUPER D20R	SUPER D30
ENGINE UPGRADE RR 250-C30			✓
F-MODEL MAIN ROTOR BLADES	✓	✓	✓
F-MODEL TAIL ROTOR HUB & BLADES	✓	✓	✓
TAILBOOM OR TAILBOOM MODIFICATION	✓	✓	✓
TAIL ROTOR DRIVESHAFT	✓	✓	✓
TAILBOOM EXTENSION	✓	✓	✓
VERTICAL STABILIZER	✓	✓	✓
HORIZONTAL STABILIZER	✓	✓	✓
TEMP, TORQUE, AND RPM GAUGES	✓	✓	✓

WEIGHT DIFFERENCES	
LONGER BLADES, EXTENSION, ETC.	59
C30 ENGINE	93
TOTAL	152

