MD | HELICOPTERS™

MD AFTERMARKET FIELDED 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. 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.

- **PacWest Helicopters | Redding, CA**
- **Thoroughbred Aviation | Lexington, KY**
- **Axxeum | Huntsville, AL**
- **EM Helilogistics | BC, Canada**
- **Mt Hutt Aviation | Ashburton, NZ**

MDHELICOPTERS.COM

4555 East McDowell Road | Mesa, Arizona 85215 USA
P 1.480.346.6300 | Toll Free 1.800.388.3378

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

Coming Soon

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 FIELDED FLEET UPGRADES

SUPER D FAMILY OF UPGRADES

Coming Soon

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*

MD | HELICOPTERS™

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. Contact the four specialty centers for Fielded Fleet Upgrade support.

1 Axxeum
Huntsville, Alabama
Phone: (256) 963-9070
(256) 963-9074

2 EM Helilogistics
BC, Canada
Phone: (604) 533-4464

3 PacWest Helicopters
Redding, California
Phone: (530) 241-2402

4 Thoroughbred Aviation
Lexington, Kentucky
Phone: (512) 882-8898
(859) 496-0760

5 Mt Hutt Aviation
Ashburton, New Zealand
Phone: +64 3 302 8401

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 FIELDED FLEET UPGRADES