

Foresight MX

by GPMS 

MD 530F

On-demand predictive intelligence with next-gen
HUMS, FDM, Rotor Track & Balance, and beyond.





GLOBAL FLEET HEALTH VISIBILITY

ANYWHERE, ANYTIME,
ON ANY DEVICE

Flight Data
Monitoring
(FDM)

Health & Usage
Monitoring (HUMS) with
Predicted Remaining
Useful Life (RUL)

Optimized
"One Move"
Rotor Track &
Balance (RTB)



"Foresight MX provides the data to improve readiness, enhance safety, lower maintenance costs, and dramatically improve the OEM support relationship. We're glad to have it as the first successful HUMS solution on the MD530F platform."

MD Helicopters



ONBOARD COMPONENTS

Onboard Control Unit (OBCU)	1
Smart Accelerometers	9
Triaxial Smart Accelerometers	1
Tachometers	3
Rotor Blade Track Interfaces	1

WEIGHT & INSTALLATION

STC Weight & Balance	7.0 lbs / 3.18 kg
Wiring & Mounts	7.0 lbs / 3.18 kg
Installation Time	120-160 Hours

DATA & TRANSMISSION

Interfaces	ARINC, CAN, RS-485
Acquisition Rate	Up to 1x per minute
Data Parameters	Over 150+ captured
Data Storage	8 GB
Data Transfer	Automatic upload on cooldown
System Hosting	AWS IoT Cloud
Ground Station	Optional

TECHNICAL SPECS

Power Draw	~0.65 amps @ 24v 18-35 Volts
Operating Temp, Sensors	-40°C to 105°C
Operating Temp, OBCU	-40°C to 85°C

POUND FOR POUND, THE MOST POWERFUL HUMS MONEY CAN BUY

