

Foresight MX

by GPMS 

Mi-8/17/171

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





Mi-8/17/171 SERIES

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)



ONBOARD COMPONENTS

- Onboard Control Unit (OBCU) 1
- Smart Accelerometers 15
- Triaxial Smart Accelerometers 1
- Tachometers 3
- Rotor Blade Track Interfaces 1

WEIGHT & INSTALLATION

- STC Weight & Balance 15.3 lbs / 6.94 kg
- Wiring & Mounts 12.0 lbs / 5.44 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

Easy to Use Automated uploads after each flight Modern interface - no experts required

Connect Anywhere with Any Device Access via any web browser SMS & email exceedance & trend alerts

Greater ROI Reduce unscheduled MX & AOGs Increases aircraft availability

Lighter 50% lighter than legacy HUMS Bused wiring to reduce installation time

"With Foresight MX, Mi-8/17/171 operators can slash time spent troubleshooting and performing RTB, better forecast maintenance events to reduce AOGs, AND increase their operational availability."

