



# LIQUID MEASUREMENT SYSTEMS

## Capability Statement

With more than 30 years of experience, Liquid Measurement Systems (LMS) offers responsive engineering expertise in advanced rotary- and fixed-wing fuel quantity gauging applications.

Comprehensive experience in designing custom, reliable and value-driven solutions allow increased life cycles of existing platforms and fast implementation for experimental aircraft. LMS' Quality Management System is AS9100/ISO9001 certified. LMS is a FAA Part 21 Production Approval Holder and operates a Part 145 Certificated Repair Station.

The LMS product portfolio includes dependable, lightweight carbon composite fuel probes, analog/digital multi-channel signal conditioners, refuel panels, and fuel quantity indicators. LMS is a US Small Business Administration (SBA) as well as DO-160, DO-254, and DO-178 compliant.



## VISION

To be the preferred Fuel Quantity Indicating System (FQIS) supplier in the Aerospace industry with a reputation for reliability, responsiveness, and innovation.

## VALUES

- Engagement
- Excellence
- Innovation
- Integrity
- Responsiveness
- Reliability
- On-Time Delivery (OTD)
- Teamwork

## COMPETENCIES

- Primary Fuel Systems
- Auxiliary Fuel Systems
- Carbon Composite Fuel Probes
- Fuel Management
- Fuel Temperature
- Fuel Indicators
- Fuel Gauging
- Low/High Fuel Sensors
- Refuel Panels
- Signal Conditioners
- System Integration
- FAA Certification

## MAJOR PROGRAMS

AH-64E, AH-1Z, AH-6i, CH-47 F/G,  
CL-215 / CL-415, CRJ, DHC-6,  
MD 500 Series, MH-6, Q400, UH-1Y,  
S-97, UH-60, SB-1, S-92, Stratolaunch  
Carrier & Hypersonic Aircraft, WC-135, X-59



## QUALIFICATIONS

- AS9100 and ISO9001 Certified
- MIL-STD-461, MIL-STD-810
- DO-160, DO-254, DO-178
- FAA TSO-C55a
- ITAR registered
- SBA Small Business Administration
- FAA Part 145 Certified

## DIFFERENTIATORS

- Accredited Program Managers
- Customer Focused
- Carbon Composite Fuel Probes weigh up to 40% less than aluminum
- Full Height Density Compensation
- Reduced Number of Parts in Fuel Tanks
- Analog, Digital, and Discrete Inputs and Outputs
- Designed not to Penetrate Fuel Bladders in a Hard Landing
- 35% Engineering Staff
- Continuous Improvement
- Production upgrade and experimental applications
- Support 14 CFR 25.981 and Crash Worthy Fuel Systems (CWFS)



SIGNAL CONDITIONERS



DIGITAL FUEL QUANTITY INDICATORS



CARBON COMPOSITE FUEL PROBES



EXTERNAL REFUEL PRESELECT PANEL



INTERNAL MOUNT FUEL PROBE



**CAGE CODE:** 0U418  
**UNIQUE ENTITY ID (UEI):** JREUJMMRJBB1  
**FSC:** 2910, 2915

**NAICS CODEs:** 336413 (Primary), 334519, 332912, 334514 Aircraft Assemblies, Sub assemblies, and Parts (except engines) Manufacturing

**LMS**

**LIQUID MEASUREMENT SYSTEMS, INC.**  
FUEL PROBES • CONDITIONERS • FUEL INDICATORS • REFUEL PANELS  
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