With over 25 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/ISO 9001 certified. LMS is an FAA Production Approval Holder under 14 CFR Part 21.

The LMS product portfolio includes dependable, lightweight graphite composite fuel probes, analog/digital multi-channel signal conditioners, and fuel quantity indicators. LMS is a US Small Business (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
- Integrity
- Teamwork
- Innovation
- Responsiveness

**CORE COMPETENCIES**

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

**MAJOR PROGRAMS**

CH-47 F/G • MH-6 • AH-64E • AH-1Z • UH-1Y • X-59 S-97 • Q400 • S-92 • CRJ • SB>1 • UH-60 • CL215T/415 WC-135 • AH-6i

**CAGE CODE:** 0U418  
**DUNS:** 803761428

**PRIMARY NAICS CODE:**
336413 Aircraft Assemblies, Subassemblies, and Parts (except engines) Manufacturing
QUALIFICATIONS
- AS9100 and ISO9001 Certified
- MIL-STD-461, MIL-STD-810
- DO-160, DO-254, DO-178 Compliant
- FAA TSO-C55a
- ITAR, International Traffic in Arms Regulations, registered
- SBA Small Business

DIFFERENTIATORS
- Half the Weight of Comparable Systems
- 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
- Customer Oriented
- 35% Engineering Staff
- Continuous Improvement
- Production upgrade and experimental applications

FUEL INDICATOR
Digital or Analog Inputs

SIGNAL CONDITIONER
Digital and Analog Multi-Channel Signal

FLANGE MOUNT FUEL PROBE
Made of Lightweight Graphite Composite

INTERNAL MOUNT FUEL PROBE
Made of Lightweight Graphite Composite