



## ELECTRONIC MEDIA RELEASE

# Lockheed Martin Selects Cuming Lehman Chambers

Chambersburg, PA —Monday, July 27, 2009—Cuming-Lehman Chambers (CLCI) announced today that the company was awarded a contract to construct an advanced PIM Test Facility for Lockheed Martin Space Systems at their Newtown, Pennsylvania facility.

The Passive Intermodulation (PIM) shielded test chamber will support development and testing for several of Lockheed Martin's next-generation technologies including GPS III and MUOS. According to recent Lockheed Martin press releases, these technologies represent in excess of \$3.5 billion in new contracts for the company.

CLCI will utilize advanced RF absorbers developed by its parent company, Cuming Microwave, as well as proprietary building techniques in the design and construction of the 2,668 sq/ft, 53 ft. tall PIM Test Facility.

### **GPS III Technology**

GPS III is a \$1.46 billion program to build the next-generation Global Positioning System. The development contract was awarded to the Lockheed Martin team by the U.S. Air Force Space and Missile Systems Center, Los Angeles Air Force Base, California. GPS III will improve position, navigation and timing services and provide advanced anti-jam capabilities yielding superior system security, accuracy and reliability. The next generation GPS IIIA satellites will deliver significant improvements over current GPS space vehicles, including a new international civil signal (L1C) and increased M-Code anti-jam power with full earth coverage for military users.

### **MUOS Technology**

MUOS is a \$2.1 billion program to develop satellites and associated ground control elements for the U.S. Navy Space and Naval Warfare Systems Command (SPAWAR). The Mobile User Objective System (MUOS) is a next-generation narrowband tactical satellite communications system designed to significantly improve ground communications for U.S. forces on the move. MUOS will replace the current narrowband tactical satellite communications system known as the Ultra High Frequency Follow-On (UFO) system.

### ***About Cuming-Lehman Chambers***

Cuming-Lehman Chambers is a wholly owned subsidiary of Cuming Microwave Corporation. The Chambersburg, Pennsylvania division specializes in the design and construction of RF shielded anechoic chambers, host structures and complete test facilities for both commercial and defense markets.

Cuming Microwave is the world's leading authority on the development of technology and products for the RFI/EMI Absorber, Radar Cross Section Reduction and Anechoic Chamber markets. Cuming Microwave is a full-service supplier offering a complete line of dielectric, artificial dielectrics, radomes, RF absorbers and anechoic chambers for the international aerospace, electronics and defense industries. Products range from thin resonant sheets to 12 foot pyramids and radar reflectors for mach speed aircraft.

### **Corporate Media Contact**

Steve Barnes | Cuming-Lehman Chambers | E-mail: [sbarnes@cuminglehman.com](mailto:sbarnes@cuminglehman.com) | Phone: (717) 263-4101