



## NEWS RELEASE

<b>FOR IMMEDIATE RELEASE</b>	<b>Tom Crabb</b>
<b>March 2, 2011</b>	<b>Orbital Technologies Corporation</b>
	<b>W-608-827-5000</b>
	<b>crabbt@orbitec.com</b>

### **Equity sought in Spin-Off Venture, HMA Fire, to Expand New Fire Suppression Products**

The highly successful **HMA Fire LLC** will be the first business unit spin-off from **Orbital Technologies Corporation**. HMA Fire is a growing manufacturer of mobile fire suppression systems using proprietary Ultra High Pressure (“UHP”) technology developed by its parent, Orbital Technologies Corporation (“ORBITEC”), through a Cooperative Research and Development Agreement (“CRADA”) with the U.S. military.

As part of the spin-off, HMA Fire is seeking capital and has been accepted by the state as a Qualified New Business Venture providing accepted investors with a 25% Wisconsin tax credit for their investment. “This is one of the smartest and most valuable programs to create incentives for investors to invest funds locally into new Wisconsin ventures and new Wisconsin jobs” is the comment from Tom Crabb, President of ORBITEC. Madison Development Corporation’s Venture Debt Fund has committed funding under a term sheet that will leverage an additional amount of start-up funding from external capital. Investment sources can range from \$100,000 to millions. With a global market potential in excess of \$1B, the need to seek equity is a must to build HMA Fire’s full production, marketing, and sales efforts.

The capital will be used to grow the current small, but dedicated, core team, with special focus on increasing the sales and marketing efforts. “We have the start of a dealer network in the U.S. with the potential to expand into Europe and other places on the globe,” says HMA Fire General Manager Bill Carroll. The HMA Fire spin-off is projected to generate 50-100 sustainable jobs in the next few years. The fire suppression systems have been fully developed in Madison and Middleton, Wisconsin and are currently being fabricated in Middleton. This year HMA Fire has already sold enough units to result in twice as much product revenue as received last year with six more months remaining in the fiscal year.

HMA Fire has delivered its fire suppression systems to military bases in **Afghanistan** and **Bahrain** as well as to U.S. bases. Municipal fire departments are also picking up on the value of high performance, small, and less expensive fire suppression. A fire chief in Texas commented “I’ll be ecstatic if the unit we ordered does half of what the demonstration system could do.” Bill Carroll, General Manager of HMA Fire, assured him that his new unit will perform the same, if not better because of the new foam additive system that can be activated and changed if needed by firefighters in real-time. HMA Fire’s fire suppression systems have been perfected over several years of iterative testing putting out fires of different types.



## NEWS RELEASE



### **HMA Fire shipped these 14 units to the U.S. Army in Afghanistan (100 gallon diesel ultra high pressure T4-DE systems)**

**The HMA Fire systems can put out fires in at least half the time using only one-third the water.** The HMA system uses an ultra-high pressure to create very energetic smaller water droplets that are able to more effectively separate fire from fuel and steal the heat away from the fire. The HMA system will knock down high temperature thermal layers in structural fires significantly increasing safety for and effectiveness of the firefighter. The system also leaves very little water standing in structural fires, reducing the water damage to a structure. In testing accomplished by the military, the HMA Fire suppression system exceeded the performance of the existing Halon system for 3-D Engine Nacelle fires. By only using water, the HMA Fire system is more environmentally friendly and less costly than Halon system for airports worldwide. . “All of the performance of our systems is validated by tests run at many military installations as well as right here in Middleton”, says Rory Groomwald, the company’s Chief Engineer, who has participated in all of the tests and uses the data to improve the system designs.

The extinguishing performance enables a smaller unit on a Polaris-type chassis or a pick-up chassis to be as effective as a larger vehicle, but with the added benefit of being much quicker and more responsive, even having off-road capability to attack a fire directly. Firefighters can respond with greater speed using a smaller, more mobile suppression system. These smaller systems should be especially attractive in a challenged economy because of their lower initial cost and the ability to retrofit the new products onto existing vehicles.

HMA Fire is the first of several spin-off companies being generated by Orbital Technologies Corporation. Tom Crabb is leading the investment opportunity for HMA Fire LLC.



# NEWS RELEASE



**HMA Fire's Product Line**