



## PRESS RELEASE

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### **MMA Space™ announces a contract award for solar arrays to power a small probe for the Comet Interceptor Mission**

**Louisville, CO** - (September 10, 2024) - MMA™ Design ("MMA"), a leading provider of space solar arrays, RF/Communications antennas and other innovative solutions for space missions, announced today that it has been awarded a contract supporting its international customers at NTK INTERNATIONAL CORPORATION/NTK Aviation America and ArkEdge Space Inc., in partnership with JAXA and the European Space Agency (ESA), for their deep space exploration mission to a pristine comet.

MMA will be delivering next-generation CubeSat solar arrays that maximize power generation and are custom designed to withstand the very harsh space environments found beyond LEO.

"Our HaWKs have been to deep space before, on JPL's MarCO CubeSats," recounts Mitch Wiens, President + CEO of MMA Design, "so we understand the rigor required to design, build and test for inter-planetary travel."

A joint mission between ESA and JAXA, Comet Interceptor is comprised of three spacecraft. MMA's solar array "paddles" have been selected for one of these spacecrafts - a small, CubeSat-sized probe. MMA's custom solar arrays will maximize the power generation of the available volume of the Comet Interceptor probe. To support this complex mission, a dual output Solar Array Drive Assembly (SADA) will sun-point the array wings. Importantly, multiple design features of these solar arrays will ensure that exposure to potentially hazardous conditions, such as static charge build up and extreme temperatures, are mitigated in the harsh environment of deep space, as the probe awaits discovery of a long-period comet to pass through our solar system.

This will be the second deep space mission for MMA solar arrays following the successful JPL mission [Mars Cubesat One \(MarCO\)](#), which flew to Mars supporting communications relay during NASA's InSight Lander's descent to the red planet. This is also the second mission for MMA working with Japan Space Agency JAXA following the EQUULEUS mission, for which MMA also delivered high-powered solar arrays.



**About the Mission:** The Comet Interceptor mission was selected by ESA in June 2019, in response to ESA's call for F (Fast)-class missions and will combine breakthroughs in long-period comet discoveries with a demonstration of how compact, agile spacecraft can help us learn about the origins of our Solar System. It hopes to answer many unanswered questions about a never-before-studied pristine comet, or other interstellar object, and has a planned launch of 2029.

**ABOUT MMA:**

Founded in 2007, MMA Space™ is at the intersection of Space + Tech. We are an entrepreneurial small business that is both well established and inherently innovative. Privately owned, we are beholden only to our customers and ourselves. Our culture is creative, agile and responsive. Our technologies are at once proven and constantly improving.

With a multitude of antennas, deorbits, deployable structures, and solar arrays on orbit and a 100% deployment success rate, our customers – From DARPA to start-ups – rely on us for custom, quality, high-performance, innovative solutions designed, built and delivered at the speed of relevance.

Learn more at [www.mma.space](http://www.mma.space)

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