



American Aerospace Controls Inc.

American Aerospace Controls Selected To Equip NASA Mission to Saturn's Largest Moon

April 20, 2023 – Farmingdale, NY. American Aerospace Controls Inc. (AAC) today announced that it has been selected to supply key electrical components for Dragonfly, a NASA mission being developed by the Johns Hopkins Applied Physics Laboratory. Dragonfly, a car-sized rotorcraft-lander, will explore the surface of Titan, the largest moon of Saturn, during its approximately 10-year mission.

Kevin McBrien, AAC's Vice-President of Sales and Marketing said "We're very proud to have been selected to support this ground-breaking mission. It acknowledges our commitment to on-time delivery, quality and reliability demonstrated on other NASA programs including the Space Transportation System (Shuttle), the International Space Station and the Hubble Space Telescope."

AAC will be providing custom magnetics, as part of the spacecraft's power generation, distribution and monitoring system, and current sensors for motor controllers attached to each of Dragonfly's eight rotors. Set to launch in 2027, the rotorcraft will spend approximately seven years in transit and about three years exploring the surface of Titan in an incredibly harsh environment that features temperatures as low as -179°C (-290°F), and where liquid methane occasionally falls as "rain." The average distance from Earth to Titan is 1,400,000,000 km (870,000,000 miles) and radio signals take 2.6 hours for a round trip.

About AAC

American Aerospace Controls Inc. (AAC) provides rugged, high-performance, high-reliability current and voltage sensors for demanding aviation, space, military, rail, energy and industrial applications. Celebrating its 57th anniversary this year, AAC is a woman-owned business that is ISO-9001C and AS9100 certified. It's experienced engineering design team and in-house environmental testing facilities allows it to assure customers of made-to-order sensors with zero defects on delivery and six-sigma reliability in-service.

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