



*For More Than 50 Years, Our Experience Is Your Assurance™*

AAC Manufactures high-reliability voltage and current sensors for:

Satellites	UAVs	Commercial Aircraft
Missiles	Underwater Vehicles	Military Aircraft
Launch Systems	Armored Vehicles	Ships
Helicopters	Industrial Equipment	Rail

*AAC is a Woman-Owned Business and all parts are manufactured at AAC's Farmingdale, NY location.*



**American Aerospace Controls**

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**American Aerospace Controls**

*High-Reliability Current & Voltage Sensors*



**Aircraft-UAVs  
Rail**

**Space  
Industrial  
Defense**

# AAC Quality and Engineering

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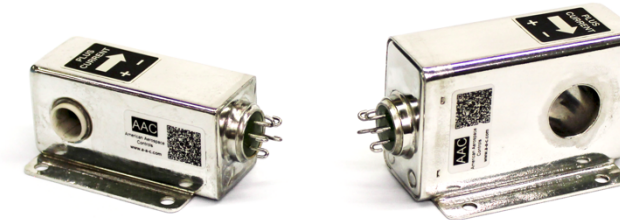
Since 1965, American Aerospace Controls has been manufacturing high reliability AC & DC current, voltage and frequency sensors, transducers and detectors. With an emphasis on engineering solutions and customer support, AAC has developed long-term relationships with some of the largest aerospace, defense, transit and industrial companies around the globe.

AAC sensors have been used on numerous manned and unmanned spacecraft, satellite, rocket and Unmanned Aerial Vehicle (UAV) programs. AAC has been involved with space flight applications since the mid-1960s. AAC's extensive knowledge and decades of experience in designing and manufacturing transducers and detectors capable of providing high reliability in harsh remote environments has been proved over and over again.

AAC engineers worked extensively with Rockwell to design and develop custom sensors for the Space Transportation System (Shuttle). Subsequently, Lockheed called upon AAC to create components for the Hubble Space Telescope. While the original design requirements were for seven years shelf life and five years operational, the AAC sensors achieved 10 years shelf life and over 26 years (so far) on orbit with no failures.

More recently, AAC provides current sensors to SABCA. These sensors are integrated with the Thrust Vectoring Control System (TVCS) for all three stages of the Vega, the Arianespace intermediate-lift launch system.

AAC is trusted by all the major spacecraft manufacturers and integrators including NASA, Lockheed-Martin, Honeywell, Northrop-Grumman and Boeing. In fact, we have been awarded the Boeing Supplier Performance Excellence Award in every year since 2010.



AAC Engineering and Quality Departments are here to work with you on the design and qualification of your parts. Our vast experience in space flight applications allows us to offer insight into the design and requirements of each unique Space Application. AAC maintains the highest standards in Quality and Production.

From the Mercury Program in the 1960's to today's international commercial and defense satellite systems, AAC engineers have helped design current and voltage detectors and transducers that are the best available. At AAC, quality and an understanding of the requirements always come first.

- AAC Manufactures to ISO 9001 and AS9100 Standards.
- AAC has In-House test capabilities for Space Flight, MIL Grade, EMI Standards and DO-160 testing.
- Over 80% of AAC parts are Custom Manufactured.
- AAC has experience providing parts requiring Vibration, Radiation, Thermal-Hardening and other Space Reliability Standards compliance.

