

# Advanced Air Mobility Capabilities



Innovative ideas require innovative solutions, and for decades Crane A&E has been solving customer challenges with its industry-trusted power, sensing and fluid management technology. Guided by an unwavering commitment to customer satisfaction, Crane A&E has matured its capabilities to enable the coming era of Advanced Air Mobility. Already, Crane A&E is collaborating with AAM developers such as Eviation and Heart Aerospace to supply critical power solutions to their aircraft. Working with Crane A&E means access to our first-class engineering services. Whether you're a start-up in early development or rapidly progressing toward demonstration, we're proud to work shoulder-to-shoulder to best ensure platform success.

## Power

From power conversion to power distribution and energy storage, Crane A&E has established itself as a premier supplier of custom power solutions for the most challenging applications. We've strategically invested research and development into new product development that aligns with all-electric, hybrid-electric and hydrogen fuel cell power architectures. Applicable solutions include:

- High Voltage DC-DC Power Converter
- Solid State Power Controller
- Power Distribution
- Access to world-class engineering services

## Fluid Management

Crane A&E's Fluid Management expertise dates back more than a century with the founding of our heritage brand, Lear Romec. Today, we're proud to offer custom and rapidly configurable centrifugal and positive displacement pumps featuring unique motor control capability for motor cooling and lubrication and battery and power cooling need. We also supply thermal management systems and components, including: filter modules, valves, tanks, reservoirs and heat exchangers featuring superior size, weight and performance. Applicable solutions include:

- Gearbox or Hydraulic Motor-Driven Pumps
- 28 VDC brush and brushless pumps
- 270/540/600/800 VDC brushless pumps
- TMS System Capability and Components
- Access to world-class engineering services



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## Sensing

Crane A&E's sensing components and systems deliver high-accuracy, proven reliability and are engineered to excel in the most rugged aerospace environments. Flying on hundreds of aircraft across the globe, Crane A&E's sensors and systems provide inductive proximity sensing for flight controls, doors, landing gear and other applications. We are also pleased to introduce our new Long Range Wireless Tire Pressure Monitoring System, which improves safety and allows for easy tire pressure checks utilizing a tablet or smart device. Applicable solutions include:

- Proximity Sensors & Systems
- Tire Pressure Monitoring Systems
- New High-Accuracy, CAN Output Prox Sensor
- New Long Range Wireless Tire Pressure Monitoring System
- Access to world-class engineering services

## Contact Us

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