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## Airtronics Update and Activities for NAATBatt

Frank Oliver/ CTO

Airtronics LLC

***INNOVATION IS FUNDAMENTAL***

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# Airtronics Overview

Airtronics is a small business vertically integrated defense manufacturer. Our engineering and production staff manufacture over 40000 individual products per year over 300-400 product line items. Airtronics manufactures items for the DLA, all branches of Defense, and large prime contractors.

Airtronics is qualified to manufacture over 1000 defense items. Airtronics performs 40 first article process inspections per year continuously expanding our product lines. Airtronics products include: MRO services in support of aviation assets, piece part production for DLA, production and assembly of mechanical, electromechanical, and electronic assemblies and subsystems.

# Quality Standards/Certifications



AS9100D/ISO9001  
Third Party Certified



FAA Repair Station  
Number VK3R922L



Cleared DoD Contractor

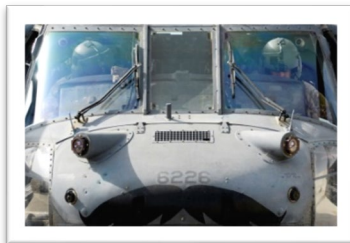


SP800-171 CUI Compliant



ITAR and EAR  
Compliant

# Technologies Supported



- Accelerometers
- Accumulators
- Actuators
- Aerial Refuel Sig Amps
- Aircraft Clocks
- Airspeed Indicators
- Altimeters
- Altitude Modules
- Antennas
- Anti-Ice Controls
- AOA Indicators
- Armatures
- Attitude Director Indicators
- Batteries
- Battery Chargers
- Cable Harnesses
- Control Alarms
- Control Grips
- Directional Gyros
- Displacement Gyros
- Fuel Flow Indicators
- Fuel Flow Transmitters
- Fuel Probes
- Generators
- Hydraulic Accumulators
- Hydraulic Pumps
- Hydraulic Indicators
- Hydraulic Pressure Transmitters
- Indicators
- Magnetic Compasses
- Manifolds
- Master Caution Lights
- Motors
- Multi-Axis Gyros
- Oil Pressure Indicators
- Oil Pressure Transmitters
- Oscillators
- Power Supplies
- Pneumatic Pumps
- Rate Gyros
- Servo Cylinders
- Solenoid Valves
- Switches & Relays
- Temp Indicators
- Unencrypted Receivers
- Vane Axial Fans
- Winches



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# Airtronics Battery Work

Airtronics is a long-time supplier to the aviation and defense industry manufacturing integrated battery systems and battery charging systems. Our battery systems can be found in ground support systems and flight air frames.

We can integrate all chemistries into defense products.

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# Critical Materials

In 2022 Airtronics licensed from INL a material processing technology called EC-Leach.

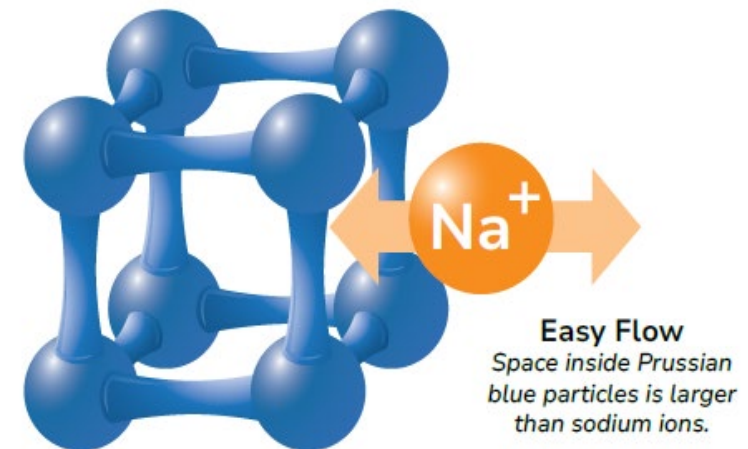
DOE has awarded \$2M dollars to continue scaling up this process. This process can be used to process critical materials in battery systems and can be used for onshoring mineral processes.

# Prussian Blue Battery Integration

Airtronics has integrated into an integration partner agreement with Natron Energy for integration of Natron Energy technology into Defense and Space systems.

Current Projects include:

- NASA – FROSTE
- Army Arctic Ground Vehicles and Expeditionary Power
- Fire and Initiation for Launcher Systems
- Navy Power Systems
- Directed Energy Weapon Power



# Questions

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