



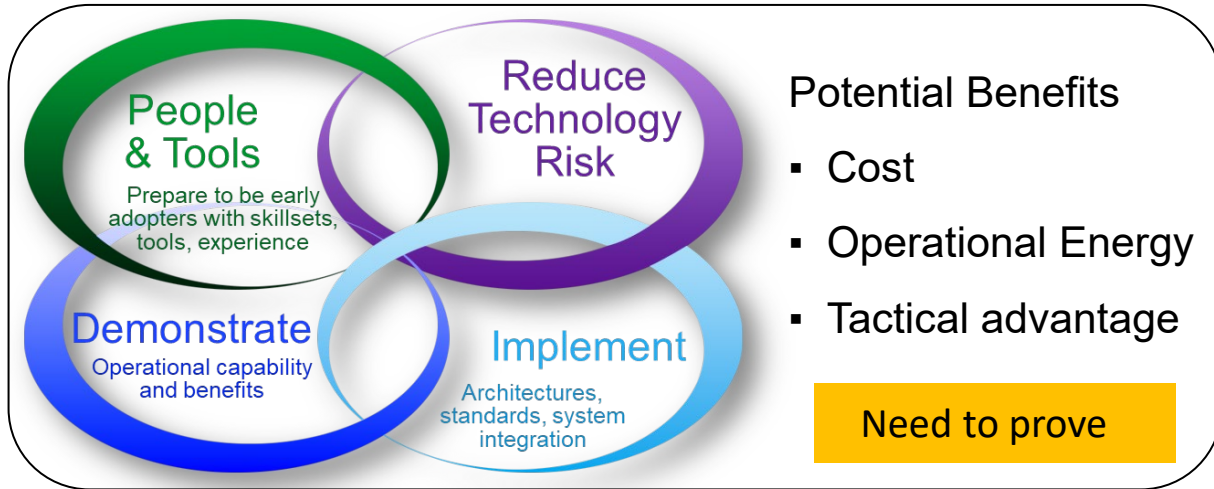
U.S. ARMY COMBAT CAPABILITIES DEVELOPMENT COMMAND AVIATION & MISSILE CENTER

**Army Aviation Electrification Panel – Virginia
AAM Expo**

27 SEPTEMBER 2023

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ARMY AVIATION ELECTRIFICATION S&T



Systems

- More-electric; electric; hybrid
- Conventional
- Distributed electric propulsion

Primary Electric Propulsion Technologies

- Energy storage/carriers
- Conversion devices/electric machines
- Conditioning, control & distribution
- Power & thermal management

How to engage

- RFI W911W6-23-RFI-0005 on SAM.gov
- Study portal: www.firepoint.info/herts

System Enablers

- Supplemental technologies
- Integration & optimization
- Military suitability attributes

Advanced Air Mobility

Non-DoD Investment in Emerging eVTOL Technology

Government Investment:

- Air Force Agility Prime program
- NASA Advanced Air Mobility
- FAA
- DOE
- OE-I
- SBIR

Leverage Opportunities

Army Aviation Core Competencies:

- ✓ Provide accurate and timely information collection
- ✓ Air movement of personnel, equipment, and supplies
- ✓ Evacuate wounded or recover isolated personnel
- ✓ Enable command and control over extended ranges and complex terrain

FM 3-04 Army Aviation

