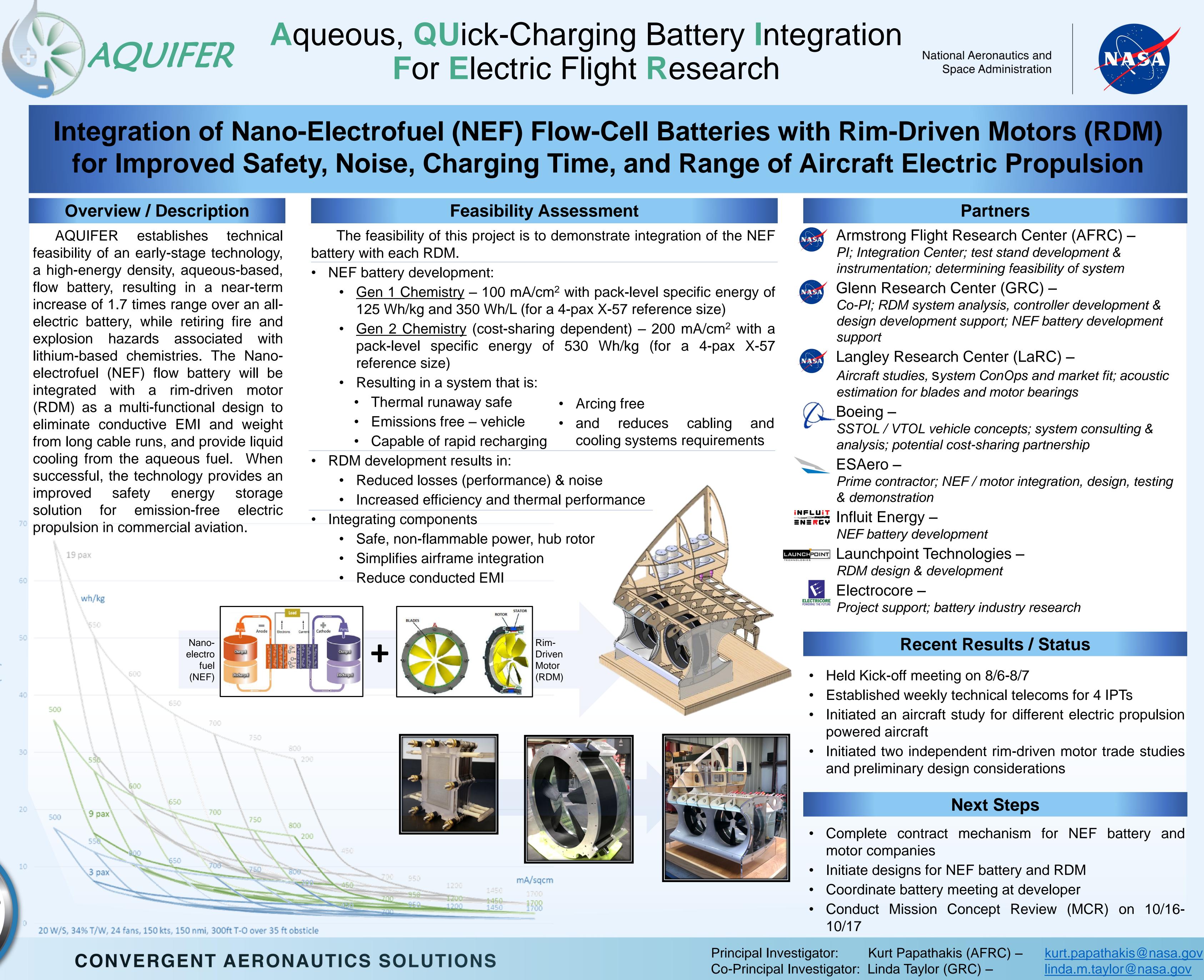


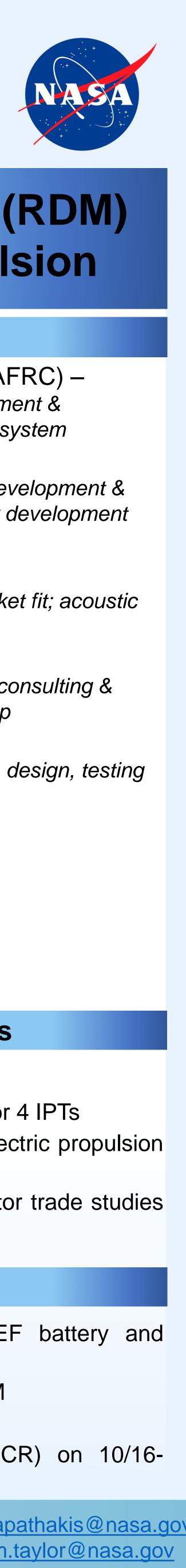
AQUIFER safetv energy stora emission-free for elect



C é Axial



	Feasibility Assessment
ical ogy,	The feasibility of this project is to demonstrate integration battery with each RDM.
ed,	NEF battery development:
erm all- and vith no-	 <u>Gen 1 Chemistry</u> – 100 mA/cm² with pack-level specifing 125 Wh/kg and 350 Wh/L (for a 4-pax X-57 reference section of 2 Chemistry (cost-sharing dependent) – 200 mA pack-level specific energy of 530 Wh/kg (for a reference size)
be otor	 Resulting in a system that is:
d to ght uid	 Thermal runaway safe Emissions free – vehicle Capable of rapid recharging Arcing free Arcing free Arcing systems required
nen	 RDM development results in:
an age stric	 Reduced losses (performance) & noise Increased efficiency and thermal performance
Load Electrons Curre	 Integrating components Safe, non-flammable power, hub rotor Simplifies airframe integration Reduce conducted EMI
	Image: Strain of the strain
800	



🚾 https://ntrs.nasa.gov/search.jsp?R=20180006620 2019-08-31T18:48:02+0