

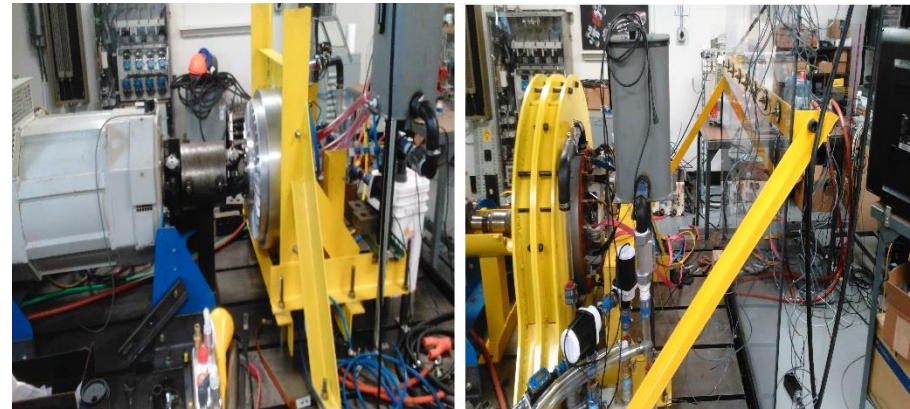
Low Cost High Power Density Motors for Electric Aircraft

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*1 MW high power density
motor demonstration*



Electric Motors from 60kW to over 2MW

***Enables High Power Density
Motors for Electric Aircraft***

What does it do? **High Power Density 10-30kW/kg**

- Why is it novel? **Induction motor and superconducting, no permanent magnet materials**
- How will the technology be used? **Electric Aircraft: both eVTOL and passenger aircraft, will also be useful for ship, and truck motors**
- Present Status **-technology development: demonstrating experimental motors with funding from ARPA-E and NASA**

- What benefits does the technology enable? **High power density and high efficiency, no permanent magnet materials**
- What are you looking for? **Strategic partners who want to fly aircraft with high power density and lower cost motors.**

Airspace
Management

Command &
Control

Comms

Power &
Energy Storage

Propulsion

Sensors &
Awareness

Other