



Advanced Air Mobility Research at Center for Precision Manufacturing (CPM)



Contact Information

University of Akron
College of Engineering and Polymer Science
264 Wolf Ledges, Akron, OH 44325-3901

<https://www.uakron.edu/engineering/>

POC: Dr. Siamak Farhad
Interim Director, Center for Precision Manufacturing (CPM)
sfarhad@uakron.edu
Work: 330-972-7469
Cell: 330-310-3148

CPM at University of Akron

- 16,000 ft² facility
- 16 active faculty members
- Several industry members

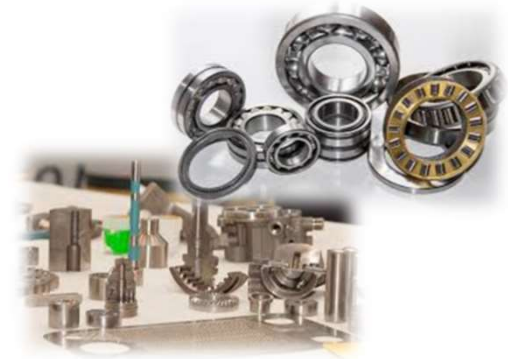


Manufacturing & Finishing Processes of Light Weight & Special Materials

- We research on grinding, hard machining, and superfinishing for several applications.
- There is no research center in the United States for micro-level grinding and finishing.
- The CPM can research on special needs for manufacturing and finishing of light weight and special materials/parts for air mobility systems.

Why CPM?

- Fundamental & Applied Research
- Addressing special needs for manufacturing of air mobility systems
- Industry relation and network
- Workforce development



Airspace Management

Command & Control

Comms

Power & Energy Storage

Propulsion

Sensors & Awareness

Manufacturing