



The Joint Center for Aerospace Technology Innovation (JCATI) has helped Washington aerospace companies of all sizes transition technology solutions, keeping our state in the forefront of global aircraft, UAV and space markets.

## SAMPLE PARTNERS



## OUR MISSION

### AEROSPACE ECONOMIC DEVELOPMENT

The Joint Center for Aerospace Technology Innovation (JCATI) provides assistance to the WA aerospace industry via academic collaboration. All sizes of aerospace companies have partnered with WA public universities to address their engineering roadblocks.

The industry partner provides the technology challenge while JCATI funding supports WA engineering students solving the problem. Both parties benefit from JCATI. Companies advance cutting edge ideas without affecting production rates while students receive valuable industry experience.

### LEVERAGING PUBLIC UNIVERSITY EXPERTISE

Washington's world class public universities have expertise which can be leveraged by companies from all aerospace industry sectors.

### STUDENT INDUSTRY EXPERIENCE

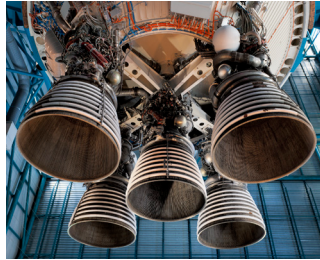
JCATI funds support WA engineering students working on the technology challenge. This not only provides students with direct aerospace industry experience but also allows industry to evaluate potential employees in a real world setting.

### MULTIPLIER IN AEROSPACE R&D

JCATI projects enabled faculty to bring in more than \$20M of external funding to WA public universities.

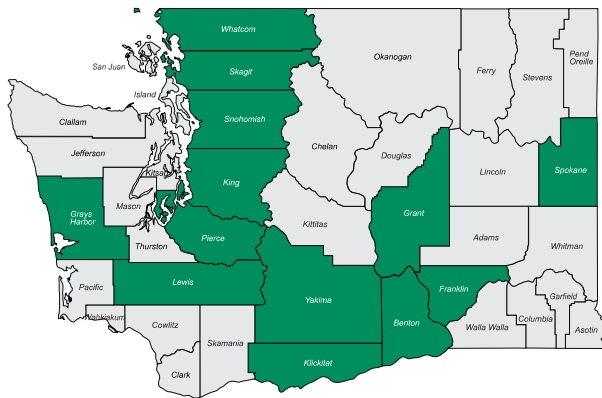
## INDUSTRY IMPACT

**64**  
Aerospace Companies



**109**  
Projects to increase competitiveness

from  
**13** Counties  
across Washington



### INDUSTRY REQUESTED EXPERTISE

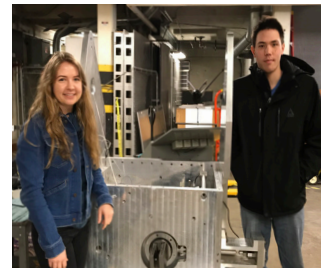
- Aviation Biofuels
- Composites & Composites Mfg
- Fluids & Aerostructures
- Controls, Navigation and Guidance
- Communication Systems
- UAV Systems
- Electric Power Systems
- Power Systems
- Space Systems
- Manufacturing Processes
- Systems Engineering

### STARTUPS CREATED FROM JCATI PROJECTS

- Protium Innovations LLC (hydrogen technologies)
- Washington Bio-oils LLC (aviation biofuels)
- Lignin Biojet LLC (aviation biofuels)

## INNOVATION/STEM IMPACT

Over  
**390**  
WA engineering students  
received direct aerospace industry experience from JCATI funded projects



Since 2012, JCATI has distributed  
**OVER \$9M**  
to support WA academic-industry collaborative projects

## UNIVERSITY IMPACT

- Faculty/industry networking
- Faculty entrepreneurship
- Pipeline for potential student employment
- Student industry experience



## JCATI ANNUAL SYMPOSIUM

- Public showcase for JCATI projects
- Student poster and pitch contest
- Industry networking/hiring opportunity
- Over 1000 attendees since 2012