

# JCATI

THE JOINT CENTER FOR AEROSPACE TECHNOLOGY INNOVATION

The Joint Center for Aerospace Technology Innovation (JCATI) helps Washington state aerospace companies of all sizes transition technology solutions. JCATI project award funds pay for industry access to WA public university engineering expertise.

## SAMPLE PARTNERS



## OUR MISSION

### AEROSPACE ECONOMIC DEVELOPMENT

The Joint Center for Aerospace Technology Innovation (JCATI) provides assistance via academic collaboration to the WA aerospace industry. Companies of all sizes take advantage of this opportunity to address TRL 4-7 engineering roadblocks.

The industry partner provides the technology challenge while JCATI funds support WA engineering students addressing the problem. JCATI benefits both parties. Companies advance cutting edge ideas without affecting production rates while students receive hands-on industry exposure.

### LEVERAGING PUBLIC UNIVERSITY EXPERTISE

All aerospace industry sectors can leverage Washington's world class public universities' engineering expertise.

### STUDENT INDUSTRY EXPERIENCE

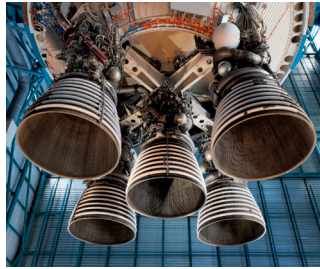
JCATI funds support WA engineering students solving the industry technology challenge. Students receive direct aerospace industry experience while also allowing industry to evaluate potential employees in a real world project setting.

### MULTIPLIER IN AEROSPACE R&D

JCATI projects enabled faculty to bring in more than \$26M in new external research funding to WA public universities.

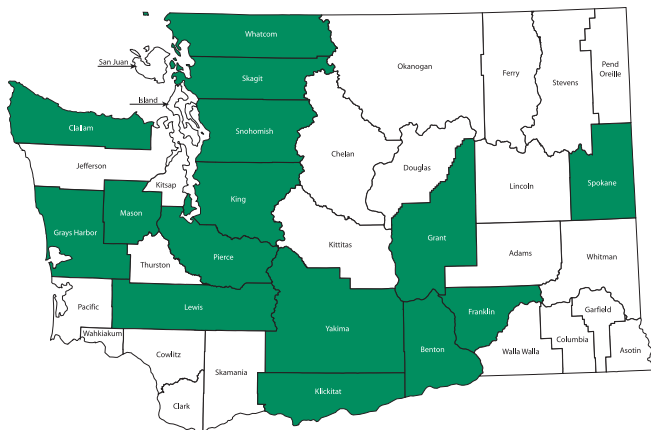
## INDUSTRY IMPACT

**83**  
Aerospace Companies



**166**  
Projects to increase competitiveness

from **15** Counties across Washington



## INDUSTRY REQUESTED EXPERTISE

- Composites
- Space Systems
- Sustainable Aviation Fuels
- Communications
- UAV Systems
- Propulsion
- Guidance, Navigation & Controls
- Electric Power Systems
- Manufacturing Systems
- Metals & Advanced Materials
- Safety Systems
- Human Factors & Ergonomics

## INNOVATION & STEM IMPACT

Over **570** WA engineering students received direct aerospace industry experience from JCATI funded projects



Since 2012, JCATI has distributed **OVER \$14.3M** to support WA academic-industry collaborative projects

## UNIVERSITY IMPACT

- Industry and faculty networking
- Faculty and student entrepreneurship opportunities
- Potential pipeline for student employment
- Student industry experience

## JCATI ANNUAL SYMPOSIUM



- Expert aerospace speakers
- Public showcase for projects
- Student poster and elevator pitch
- Industry networking and hiring opportunities