



LAUNCH ALASKA

Aerospace Innovation Center @ Merrill Field

MOA Enterprise and Utilities Oversight Committee

May 2021

Team



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The opportunity



Alaska as deployment ground for energy, transportation, food and water solutions

Declining cost curves on renewables, storage

Global transition to microgrids and the electrification of everything

Alaska is the right place

Emerging Technologies

Technologies Changing the Aviation Industry

Advantages

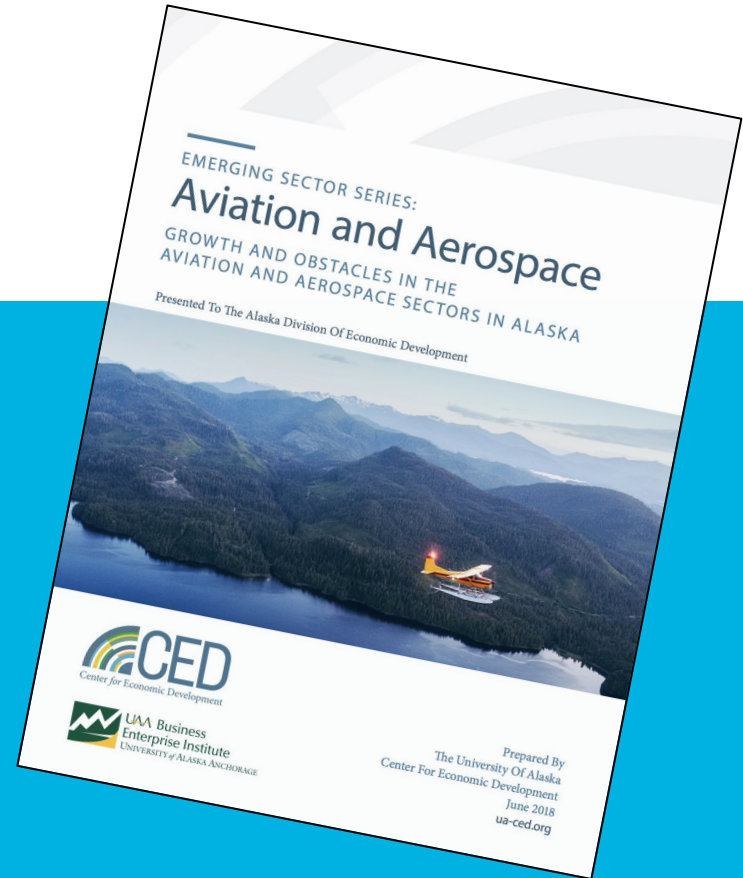
- Abundance of uncongested, airspace for testing
- Diverse geography and topography
- Strong aviation culture
- History of aviation innovation
- High density of pilots

Barriers

- Limited availability of technical skills (i.e. software development)
- Limited awareness of Alaska as a testing location
- High operating costs

Opportunities

- Expansion of R&D activity
- New business models for entrepreneurs
- University-industry partnerships



“Alaska’s aviation economy and the assets that buttress it help to make air transportation a natural outlet for innovation and entrepreneurial energies.”

 UNIVERSITY OF ALASKA CENTER FOR ECONOMIC DEVELOPMENT
EMERGING SECTOR SERIES: AVIATION AND AEROSPACE

Alaska Punches Above its Weight In Aviation



Licensed Pilots

There are 10 pilots for every 1,000 residents in Alaska, compared to national average of less than two per 1,000 residents in the US as a whole.



Airports

With 758 airports, Alaska has more landing facilities than all but three states--Texas, Florida, and California. TSAIA is the world's fifth busiest cargo airport.



Aircraft

Only five states are home to more registered aircraft than Alaska. Even large, populous states like New York, Pennsylvania, and Illinois host fewer aircraft than Alaska.



Aviation Employment

Aviation employs a larger share of Alaska's workforce than that of any other state, as determined by a location quotient analysis.



Enplanements

Alaska has one of the highest numbers of passenger trips per capita of any state, with 6.8 enplanements per resident compared to a national average of 2.5.

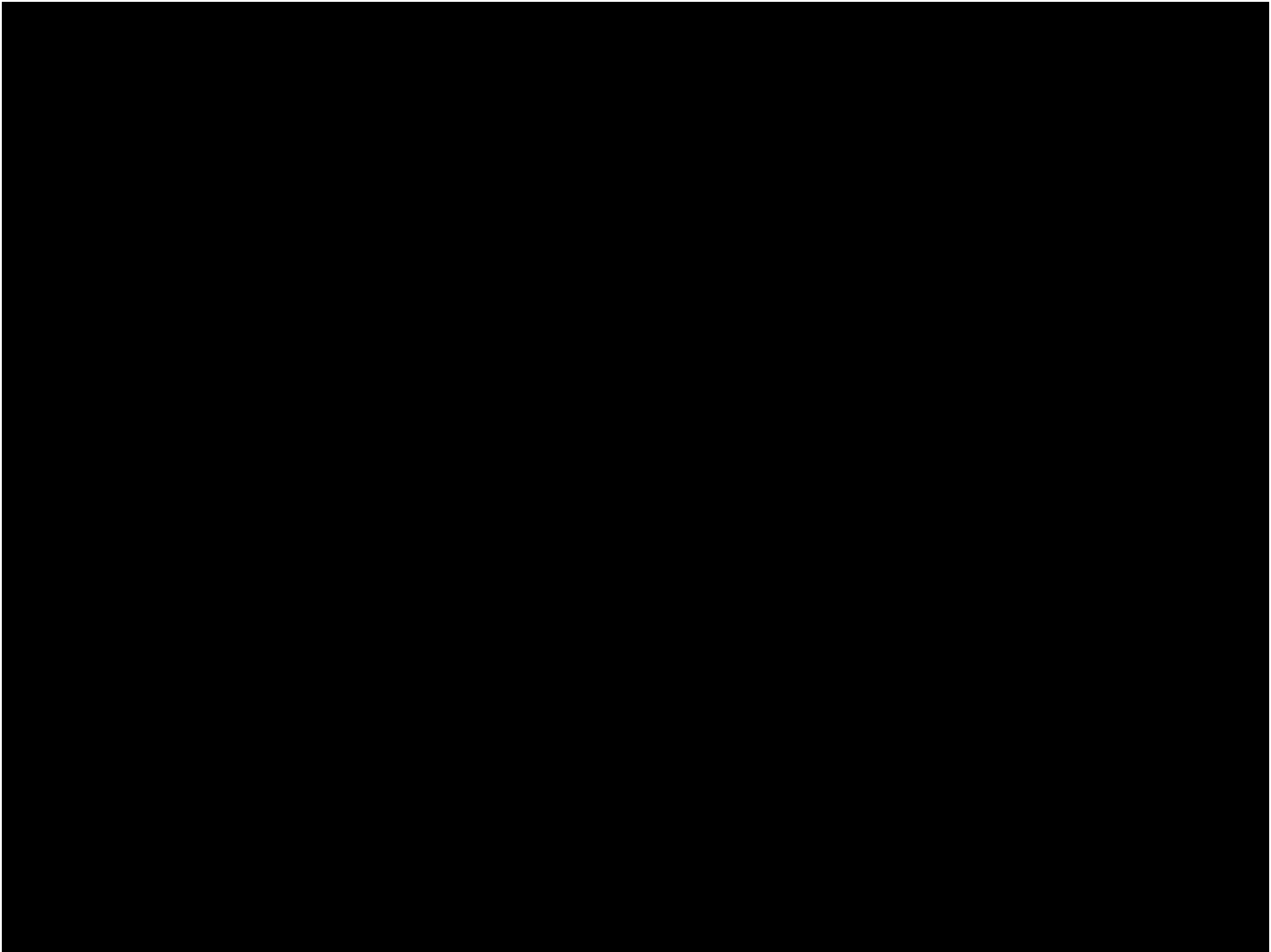
Merrill Field

Aerospace Innovation Center

The Center will provide startups with office space, a dry lab, and hangar space for rapid prototyping, development, and testing of their technologies. The facility will connect startup companies with Alaska's aviation community, peers, regulators, and customers that can provide continuous feedback.







"As a resident of Fairview, a startup founder, and a believer in public-private partnerships, I'm overjoyed at the prospect of an aviation innovation center here. Merrill Field could be a place where we design, test, and build hardware for Alaska's future"

- Bradley Pizzimenti
Founder and CEO
Turnagain Heavy Lift, Inc.

Initial Project Partners

signal





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2020 Impact Report

impact.launchalaska.com

TECH DEPLOYMENT TRACK

What is TDT?

At Launch Alaska, we work with diverse tech companies to deploy their technology in Alaska. This is why we call our program the **"Tech Deployment Track"**. By compressing due diligence, relationship building, market research, customer discovery, and early looks at deal flow into three strategic sessions, we're working to ramp-start and accelerate the long process to get deals done and projects deployed. Each Fall, we welcome a new cohort of companies into our program. Over the next eight months, cohort CEOs work with a panel of industry experts, potential customers, decision makers and connectors to set ambitious goals and aggressively move toward securing and deploying projects.

In Session 1 and Session 2, cohort companies work with panels to identify customers, market fit, and projects.

They continue in the program as long as they continue to show traction towards deployment in Alaska and secure the endorsement of at least one panel member.

To receive an invite to Session 3, each cohort company must have made significant traction towards a project or have a signed project agreement. In Session 3, Launch Alaska meets with each company to determine project viability and provide fit with Launch Alaska's Portfolio. Companies invited to join the Launch Alaska Portfolio will receive for Session 4, which is a chance to share progress and contribute the culmination of TDT alongside the Launch Alaska team and panelists.

2020-2021 Cohort Journey



How does TDT work?

In 2020, we revised and enhanced our program, finding ways to make it more effective, engaging, and impactful for our cohort and panelists.





LAUNCH ALASKA

launchalaska.com