



Agenda



1. Welcome and introductions- Chair Greg Mills
2. Pledge of Allegiance
3. Approval of May Meeting Minutes
4. Smart Commute Update – Carson Priest
5. Chair’s Update on I-25 Advocacy Efforts – Chair Greg Mills
6. CDOT Commissioner Update – Commissioner Karen Stuart
7. RTD Directors Reports – Directors Buzek, Harwick, Davidson, Whitmore
8. CDOT Division of Aeronautics Presentation – David Ulane, Aeronautics Director

A photograph of two flags flying on a black pole against a clear blue sky. The top flag is the United States flag, and the bottom flag is the Colorado state flag. The sun is visible in the upper left, creating a bright glow.

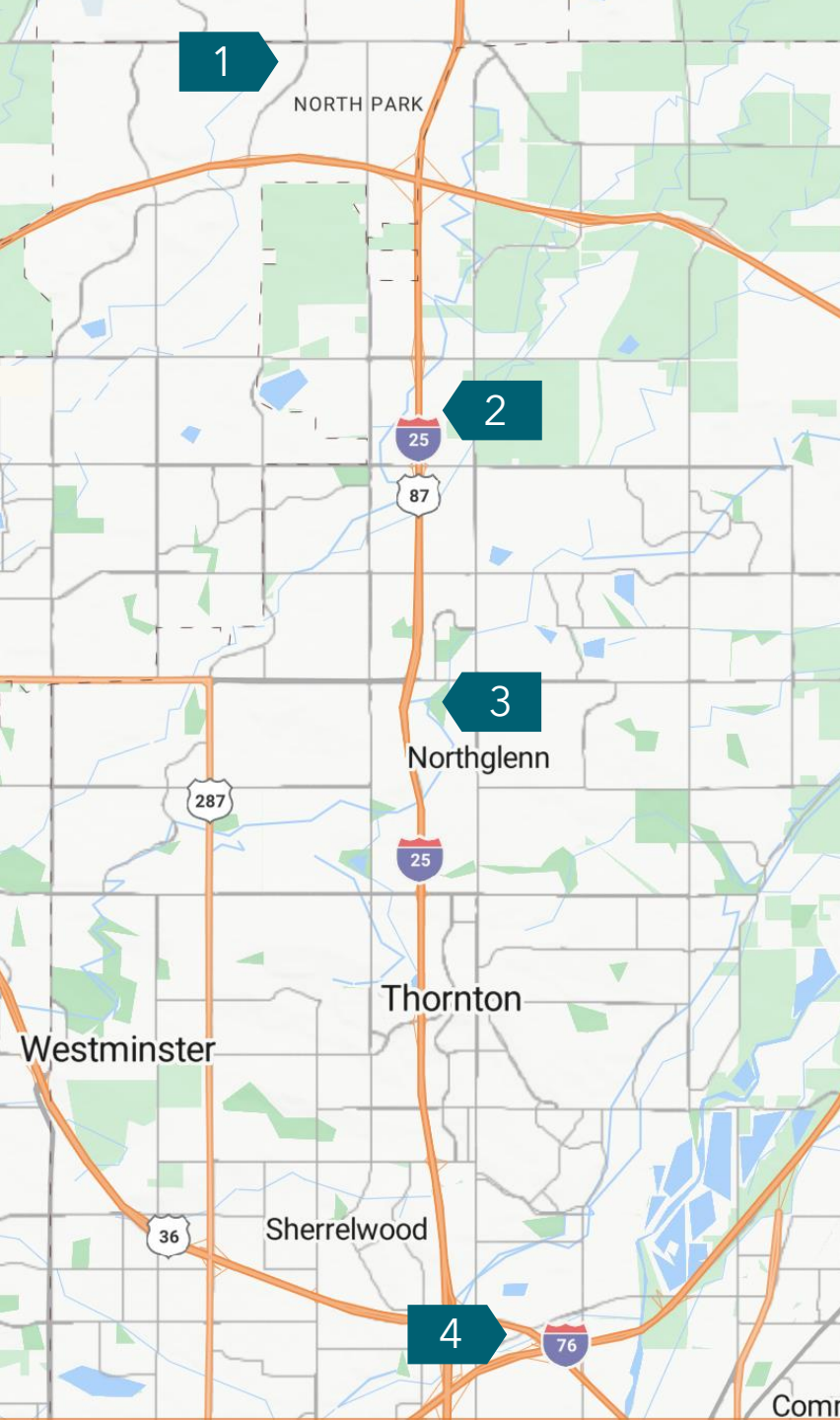
Pledge of Allegiance



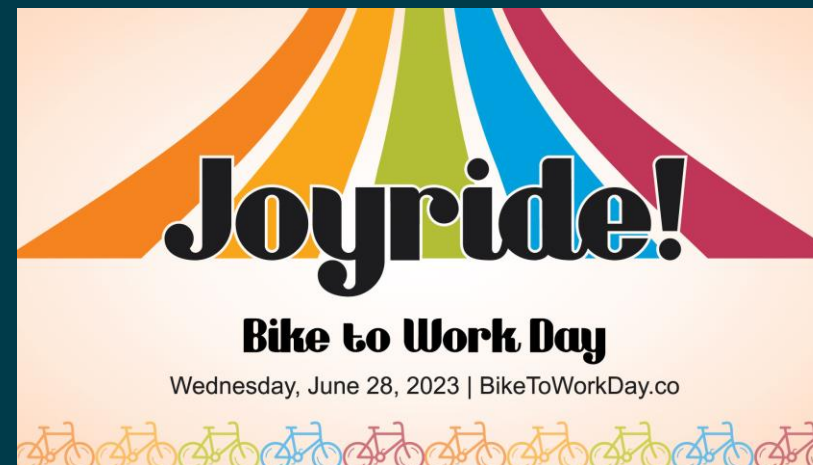
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- *4 Stations Supported with staff*
- *300+ Riders supported*
- *8 sponsors of food / drink*
- *Countless leis distributed*







Smart Commute Grant Applications

- TDM Set-Aside – FlexRide Optimization Program
- CDOT TMO Support Grant – Bike Gap Analysis/Map (Round II), Multimodal Community Resource Maps, eMobility Hub(s)
- RTD Partnership Grant – LAC for FlexRide Optimization Program, Additional Support for eMobility Hub(s)



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COLORADO
Department of Transportation
Division of Aeronautics

Aeronautics Division Briefing

David Ulane, Director





COLORADO

Department of Transportation

Division of Aeronautics

Our Mission & Vision

Our Mission

The mission of the CDOT Division of Aeronautics is to support Colorado's multi-modal transportation system by advancing a safe, efficient, and effective state-wide aviation system through collaboration, investment and advocacy.

Our Vision

The vision of the CDOT Division of Aeronautics is to be the leading air and space organization by enhancing the efficiency, economic benefit, and sustainability of Colorado's aviation system through funding, innovation, education, and pioneering initiatives.



COLORADO

Aeronautical Board



Kenneth Maenpa - Chair
Western Slope Governments



Kent Holsinger - Vice Chair
Western Slope Governments



Mark Van Tine - Secretary
Aviation Interests-at-large



Steve Lee
Airport Management



Trimbi Szabo
Pilot Organizations



Daniel Melia
Eastern Plains Governments



Chaz Tedesco
Eastern Plains Governments



COLORADO

AIRPORT SYSTEM



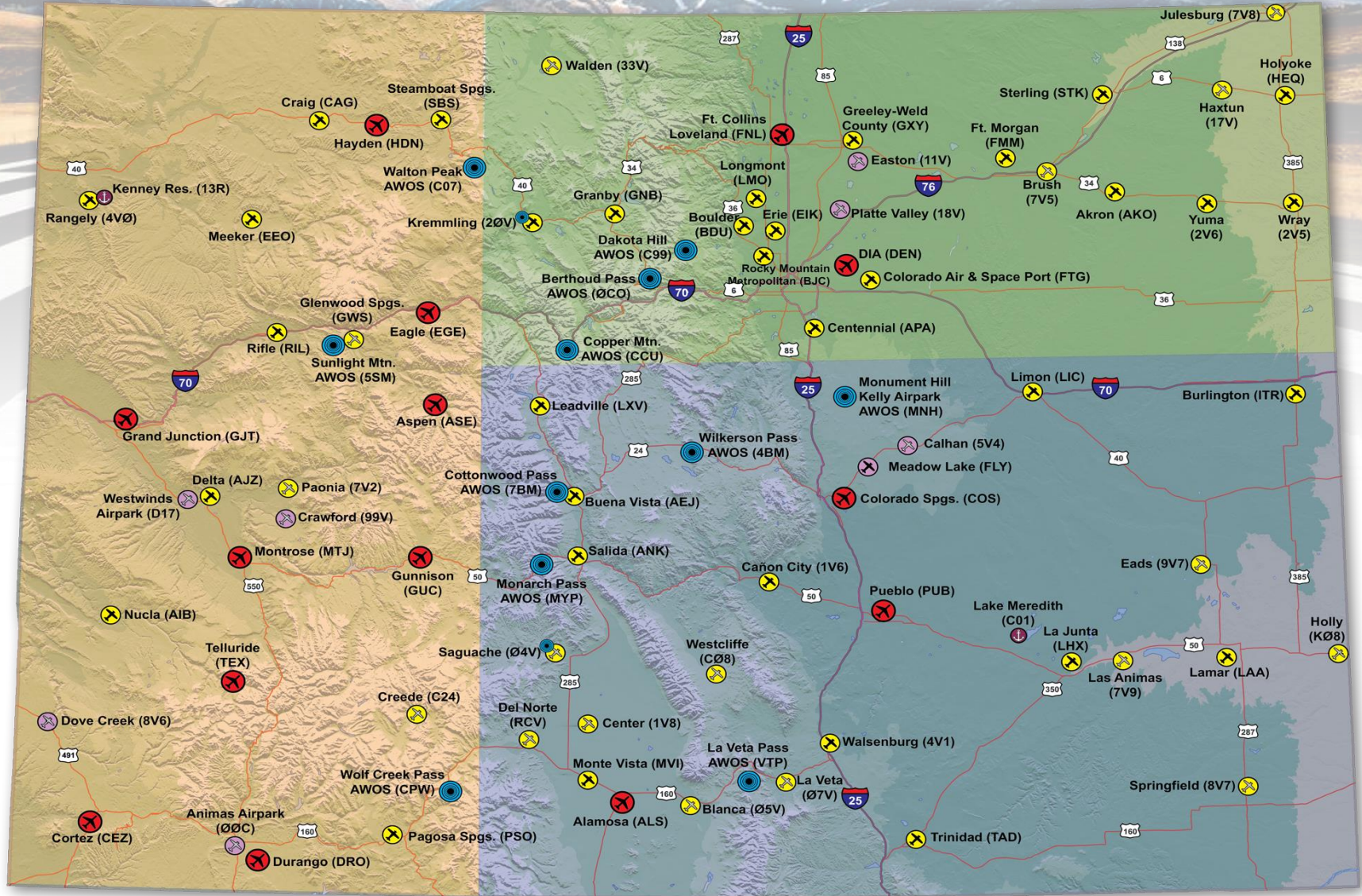
COLORADO
Department of Transportation
Division of Aeronautics

PLANNING REGIONS

- Kip McClain
- Kaitlyn Westendorf
- Scott Storie

LEGEND

- Commercial Service Airport (14)
- Publicly-Owned & Operated Airport (51)
- Privately-Owned Airport Open to the Public (8)
- Seaplane Base (2)
- Non-NPIAS Airport (25)
- Mountain Automated Weather Observing System (AWOS) (13)



COLORADO'S AVIATION SYSTEM

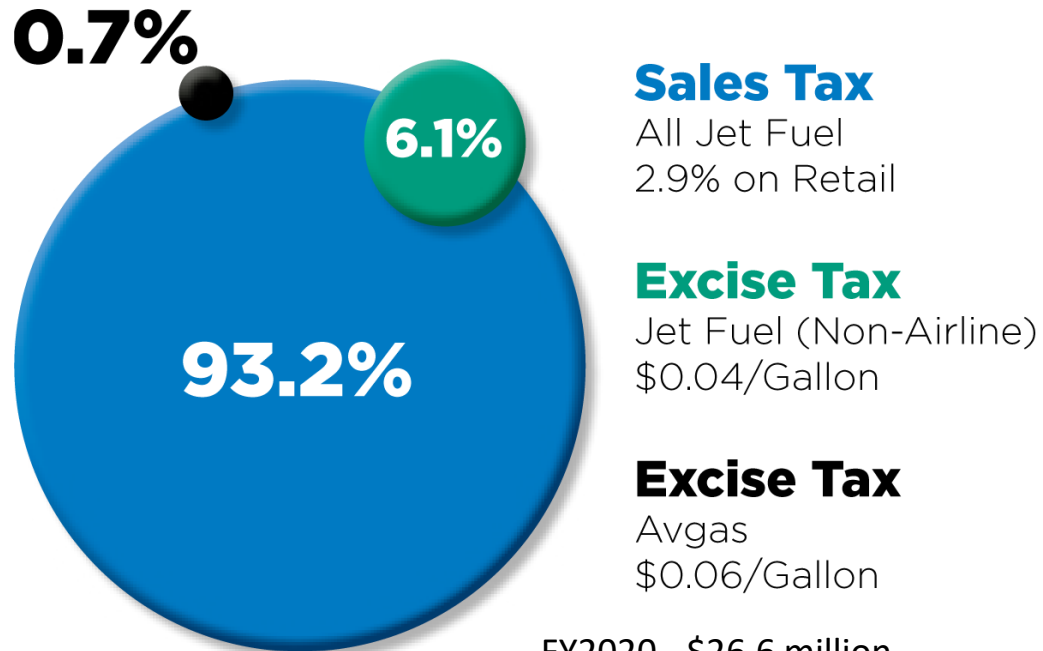
Colorado's aviation system serves as a vital component of the state's economy and transportation network. Colorado's aviation system has:

- 66** Airports included in the 2020 CASP
- 14** Commercial Service Airports
- 52** General Aviation (GA) Airports
- 49** Airports included in the National Plan of Integrated Airport Systems (NPIAS)

- 53** Airports with on-site weather reporting
- 57** Airports offering fuel
- 9** Airports with air traffic control towers (ATCTs)



Aviation Tax Revenue Structure



Sales Tax

All Jet Fuel
2.9% on Retail

Excise Tax

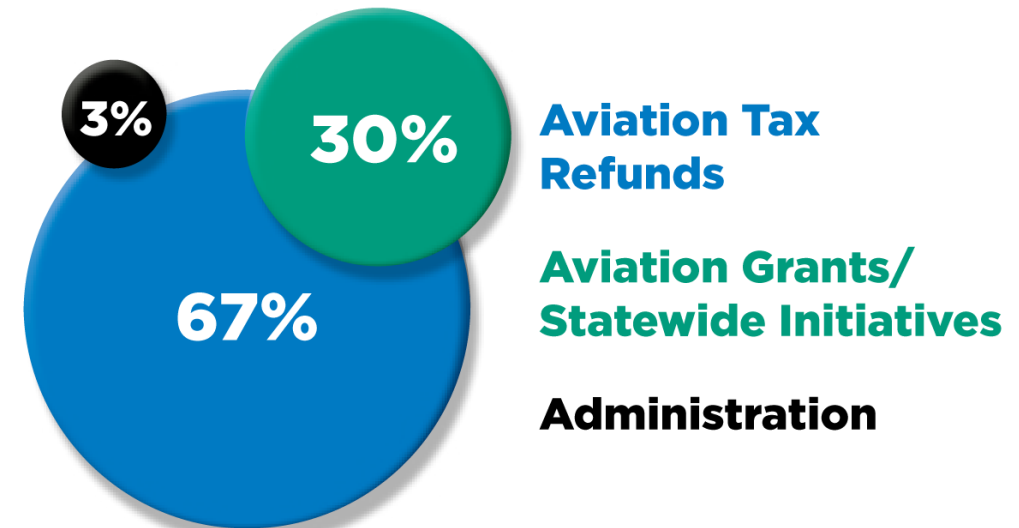
Jet Fuel (Non-Airline)
\$0.04/Gallon

Excise Tax

Avgas
\$0.06/Gallon

FY2020- \$26.6 million
FY2021 - \$17.0 million
FY2022 - \$43.6 million
FY2023- \$63.0 million

Aviation Tax Expenditures



Aviation Tax Refunds

Aviation Grants/ Statewide Initiatives

Administration



FY 2023 Aviation Grant Summary

- Awarded a total of 48 discretionary grants to 43 airports
- **TOTAL CDAG FUNDS AWARDED: \$13.5 Million (Up from \$10.1 Million in FY 2022)**

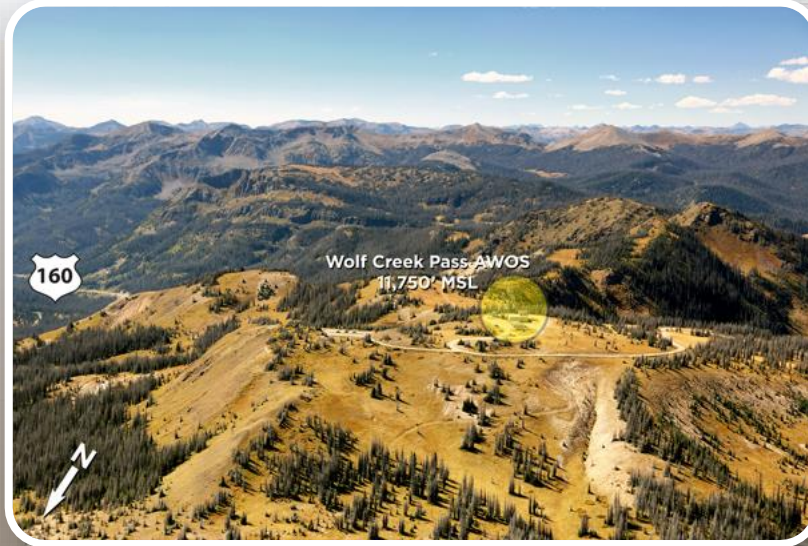
2023 Colorado Discretionary Aviation Grant (CDAG) Program					
		State Funding	Local Funding	Federal Funding	Total Funding
State and Local Program		\$9,497,450	\$1,455,278	N/A	\$10,952,728
Federal Match Program	Airport Improvement Program (AIP)	\$2,948,826	\$5,652,891	\$80,054,698	\$88,656,415
	Bipartisan Infrastructure Law (BIL)	\$1,070,857	\$1,126,596	\$21,258,770	\$23,456,223
Grand Total (43 Airports)		\$13,517,133	\$8,234,765	\$101,313,468	\$123,065,366



*Excluding DEN



Mountain Automated Weather Observing Systems Program



Third Party hosted site - Images provided courtesy of:
Colorado Division of Aeronautics (CDOT Aero)

Current Images | Site Information | METAR | PIREPs/AIREPs | TAFs | Loop |

Berthoud Pass (SE) UTC: 01:42 08/04/20 Local: 19:42 08/03/20

FAA advisory weather product

SouthEast Camera

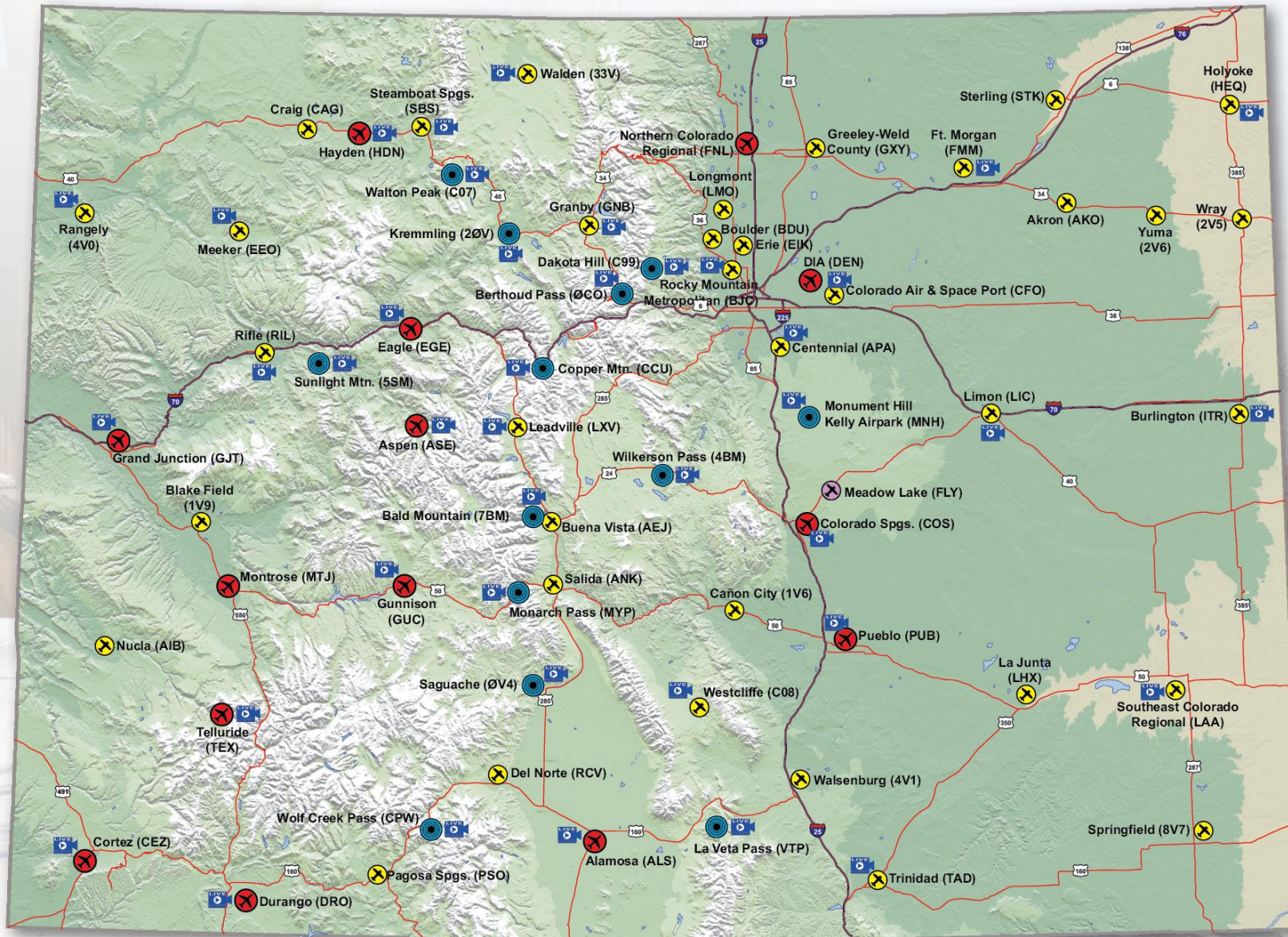
Clear Day


Sectional






Colorado Statewide Weather Systems



 Mountain AWOS Program


 GA Airport With AWOS

 Commercial Service Airport with AWOS

 **FAA Weather Camera**
WeatherCams.faa.gov



A Culture of Innovation and Leadership

**Federal Aviation Administration**

WeatherCams

Notices

UTC:15:09 Local:09:09

Tutorials

My Routes

Basemap

Cameras

Airports

METARs

TAFs

Advisory Weather

AIRMETs

SIGMETs

PIREPs

IR Satellite

Radar

RCOs

NOTAMs (PilotWeb)

TFRs

VFR Planning

IFR Enroute (Low)

IFR Enroute (High)

Terminal Area

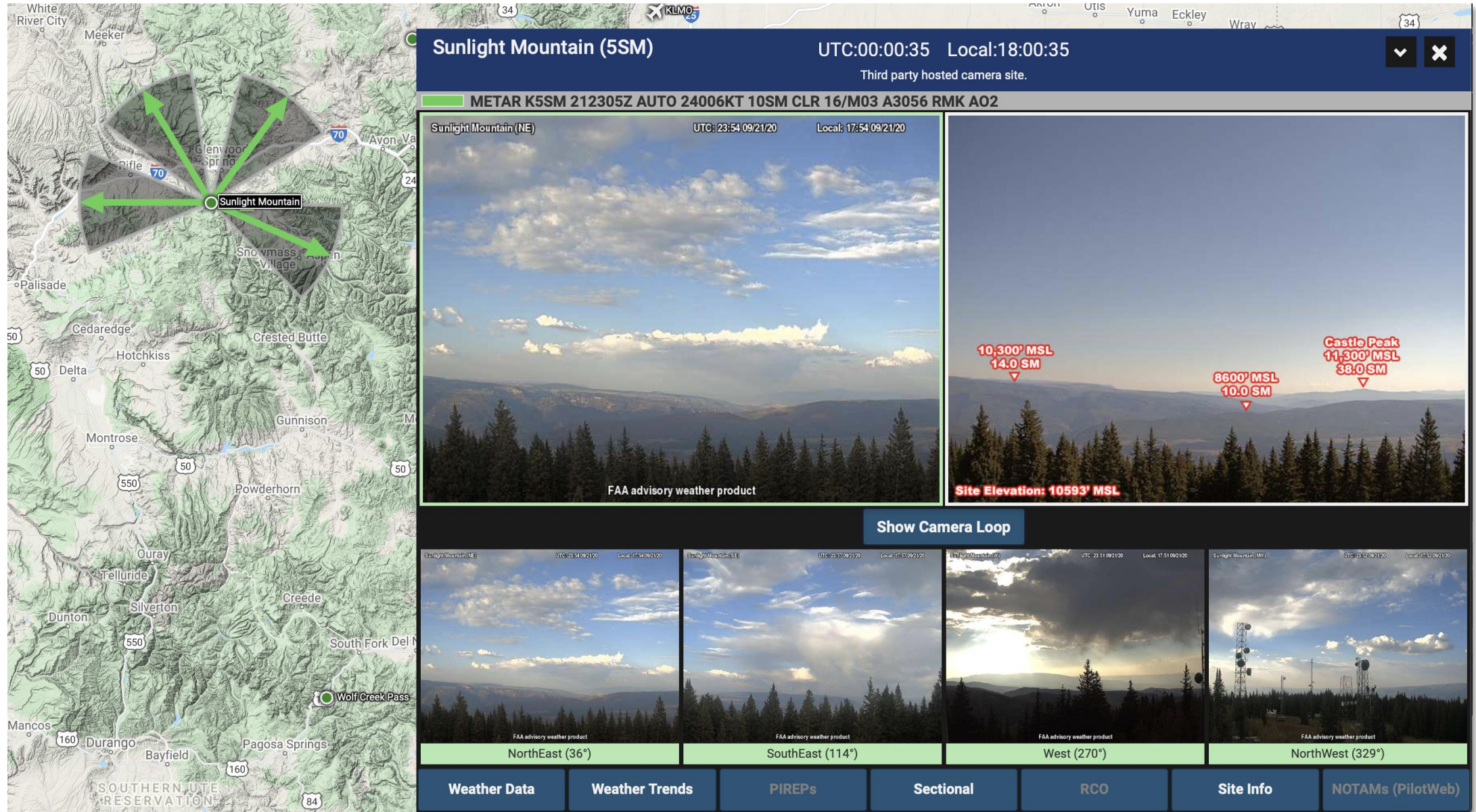
Data is refreshing

A satellite map of North America showing the locations of weather cameras. The cameras are represented by green circles with a white outline. There are many cameras across the United States, Canada, and Alaska. A few cameras are highlighted in yellow. The map is centered on the United States, showing the Gulf of Mexico to the south and the Atlantic Ocean to the east. The text "weathercams.faa.gov" is overlaid on the bottom left of the map.

weathercams.faa.gov



A Culture of Innovation and Leadership



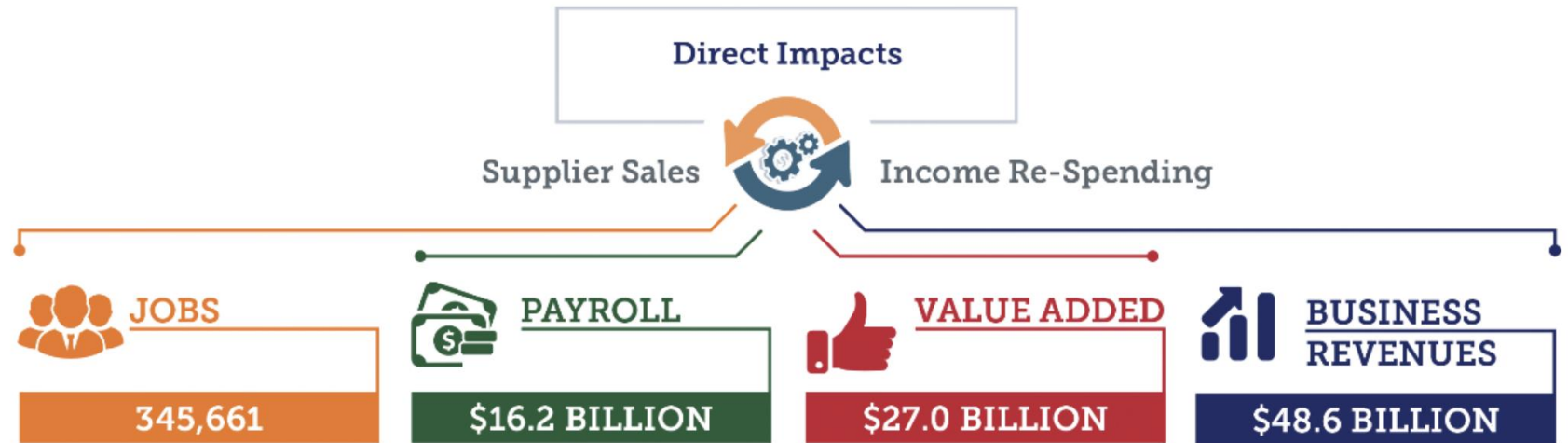




2020 Colorado Aviation Economic Impact Study

Comparison of Study Results

Total Statewide Economic Impacts



Business Revenues	\$36.7B	\$48.6B	↑ \$11.9B	↑ 32%
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2021 Division Strategic Plan



Mission

The Mission of the CDOT Division of Aeronautics is to support Colorado's multi-modal transportation system by advancing a safe, efficient, and effective statewide aviation system through collaboration, investment, and advocacy.

Vision

The Vision of the CDOT Division of Aeronautics is to be the leading state aviation organization by enhancing the efficiency, economic benefit, and sustainability of Colorado's aviation system through funding, innovation, education, and support of current and emerging technologies.

Goal 1

Engage with industry to support and facilitate emerging technologies (e.g., alternatively powered aircraft, aviation fuels, navigation, air traffic control, etc.) by the end of fiscal year 2024.

Goal 2

Expand the Division's outreach, education, and advocacy programs to facilitate engagement with stakeholders and industry partners by the end of fiscal year 2024.

Goal 3

Enhance internal professional development to strengthen the capabilities of the Division by the end of fiscal year 2024.

Goal 4

Explore and, where appropriate, implement or support new and improved statewide initiatives that sustain the aviation system by the end of fiscal year 2024.



Battery & Electric Powered Aircraft



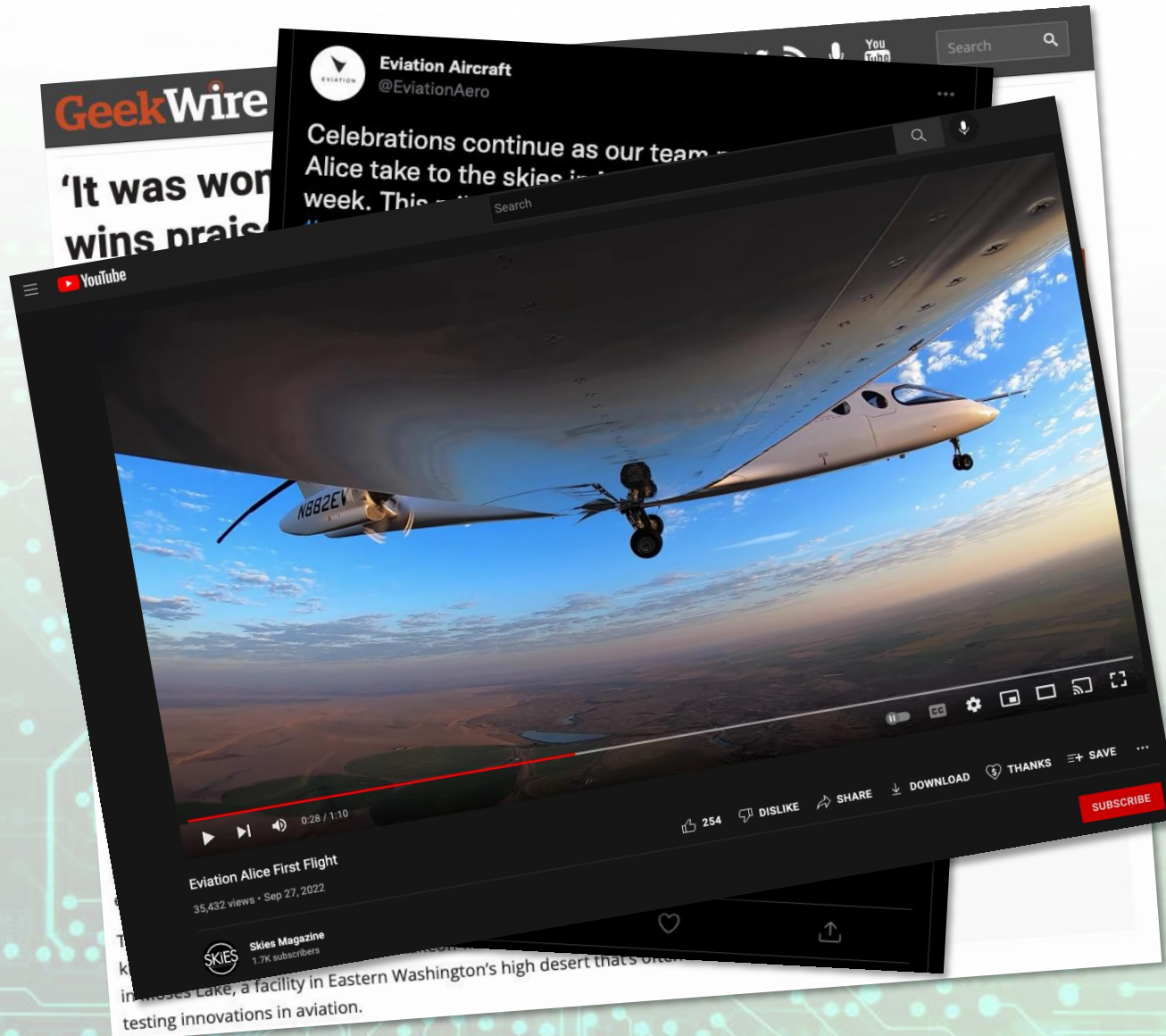
EVIA TION

ALICE





Battery & Electric Powered Aircraft



EVIAION
ALICE



Battery & Electric Powered Aircraft



BYE AEROSPACE



eFLYER
800



Battery & Electric Powered Aircraft





Hybrid/Hydrogen Fuel Cell Powered Aircraft





Hybrid/Hydrogen Fuel Cell Powered Aircraft



Introducing Airbus ZEROe

Turboprop



<100

Passengers



Hydrogen
Hybrid Turboprop
Engines (x 2)



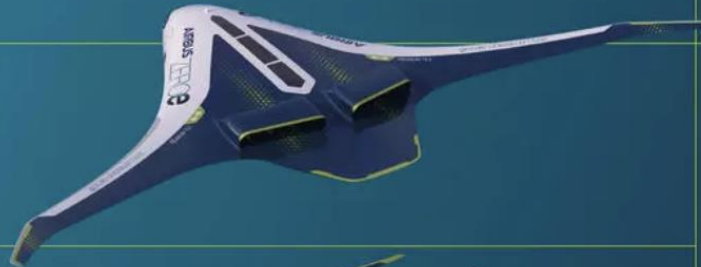
1,000+nm

Range



Liquid Hydrogen
Storage & Distribution
System

Blended-Wing Body



<200

Passengers



Hydrogen
Hybrid Turbofan
Engines (x 2)



2,000+nm

Range



Liquid Hydrogen
Storage & Distribution
System

Turbofan



AIRBUS

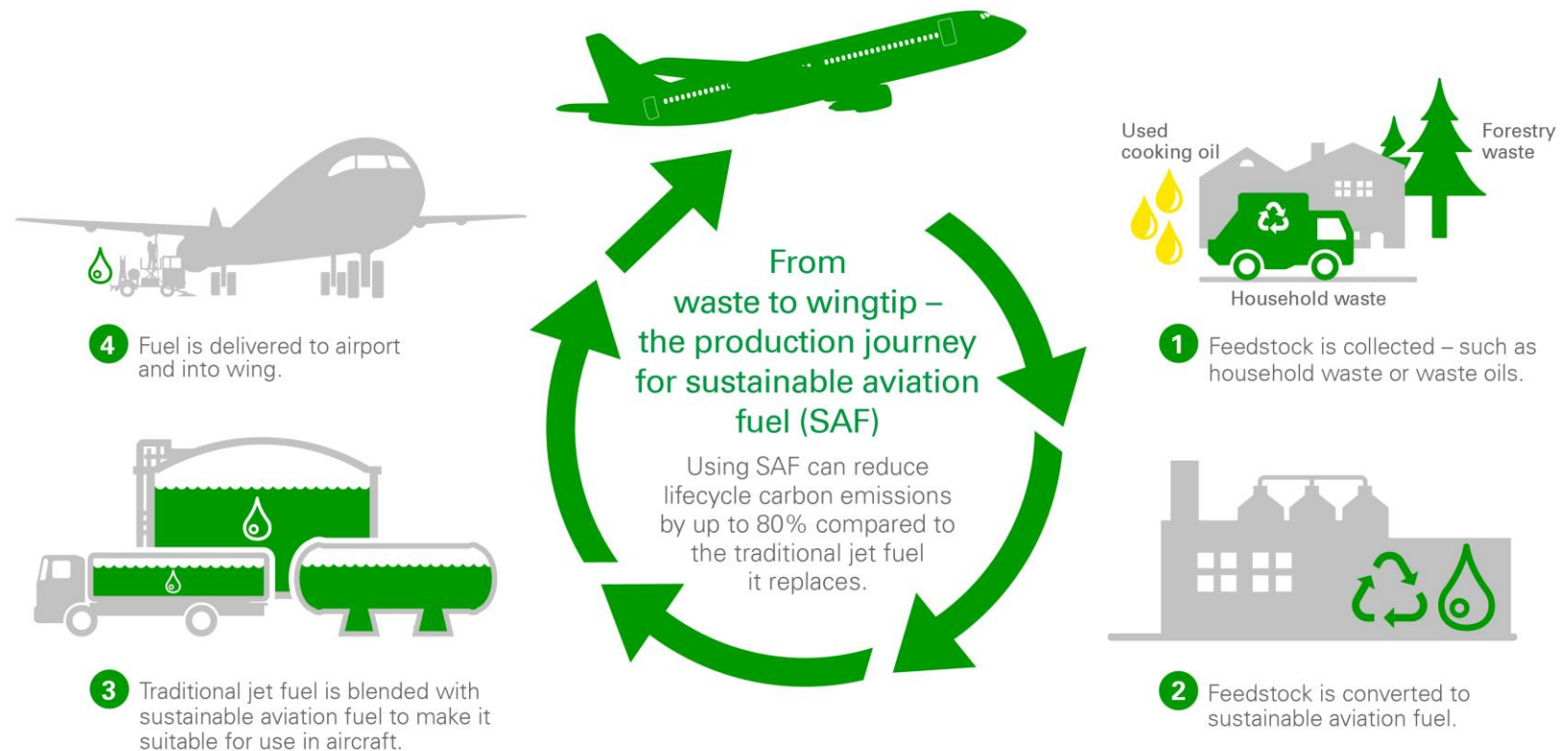


Sustainable Aviation Fuel





How is sustainable aviation fuel made?





Working Together



COLORADO
Department of Transportation
Division of Aeronautics



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Department of Transportation
Division of Aeronautics

Colorado-Aeronautics.org

David Ulane, Aeronautics Director

david.ulane@state.co.us

303-512-5254



COLORADO
Remote Tower
PROJECT



ColoradoRemoteTower.com



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Priority Project List Reminder



Missing senior staff responses from:

- Erie, Frederick, Firestone, Dacono
- August 28 – 9-11am