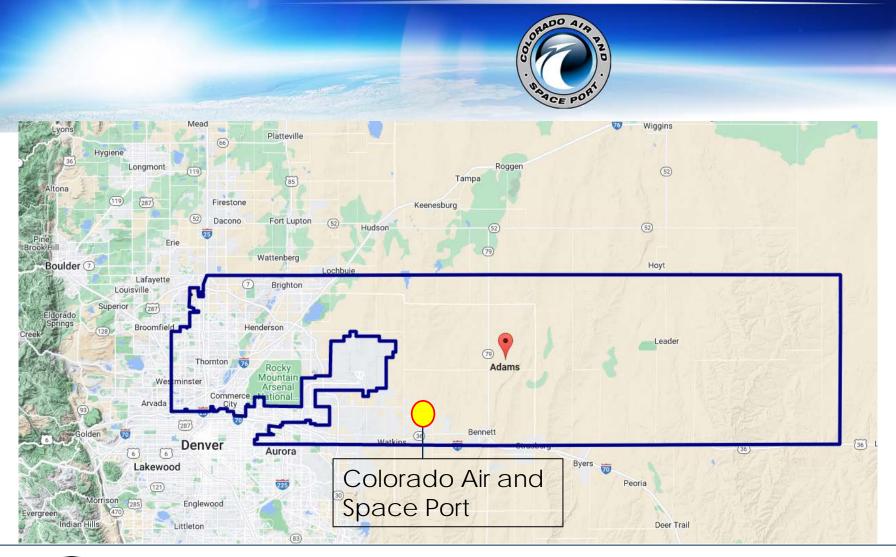


COLORADO AIR AND SPACE PORT BRIEFING

JEFF KLOSKA, DIRECTOR









- O FAA licensed; General Aviation Airport& Spaceport
- O Two runways (8,000ft/2.4km)
- O Open airport geometry
- O 1,000+ acres available for development
- O Adjacent to interstate & heavy rail









O Current operations:

- General Aviation
- Corporate, Charter, Cargo
- Recreation
- Aircraft Maintenance
- Avionics
- Medivac Training
- Aerospace Testing
- Small Rocket Engine Testing





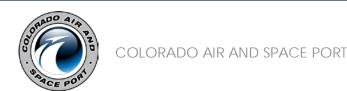
O Combination Airport and Future Spaceport operations

O 50+ hangar facilities

- Five major hangar developments since 2019
- Three hangar developments under construction



O 500-based aircraft





- O Full-Service FBO
- O First-Class Snow and Ice Removal
- O Restaurant in Terminal
- O 24hr Services Available
- 1000+ acres available for development





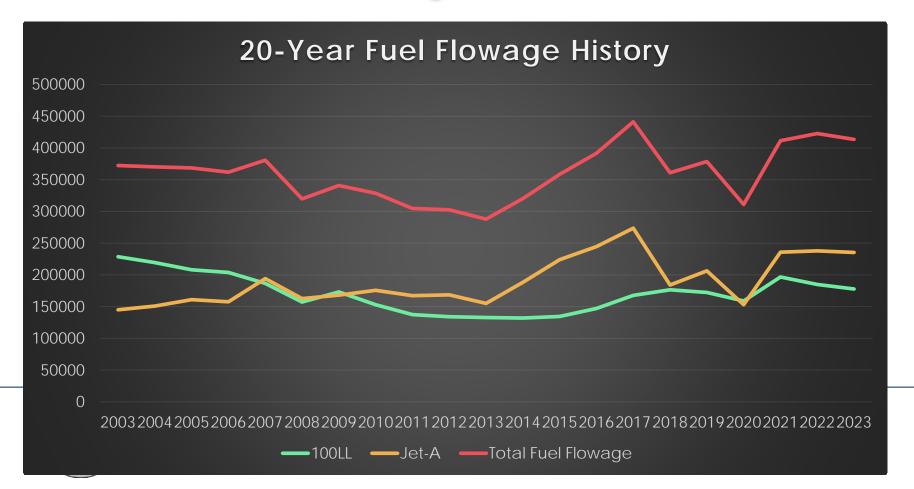
Tallest General Aviation Air Traffic Control Tower in North America (191 Feet)





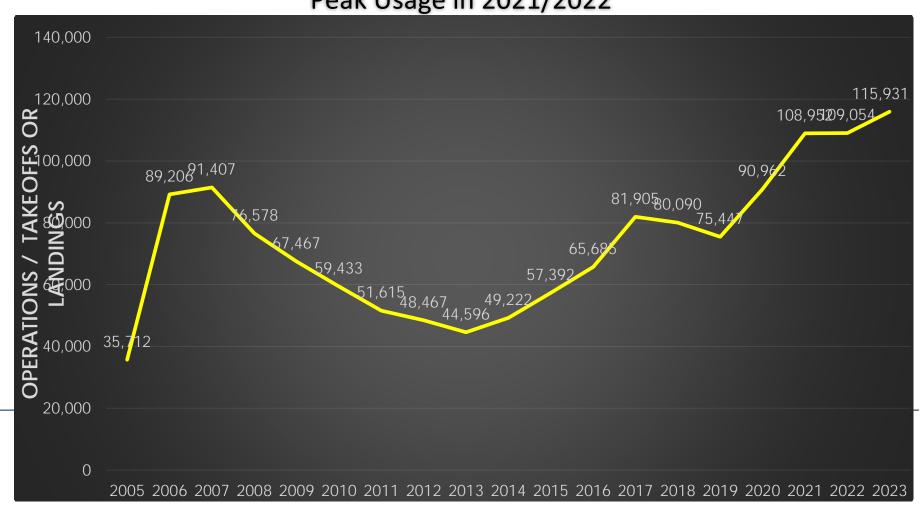


Fuel Flowage Evolution





Peak Usage in 2021/2022



2023 CASP Successes

- Completed Launch Site Operator License Renewal (Aug 2028)
- Completed Perimeter Fence Project
- Completed Airport Business Plan
- Completed Runway 17/35 Rehab Project
- Hosted School of Mines Lunar Rover Team (Break the Ice Challenge)



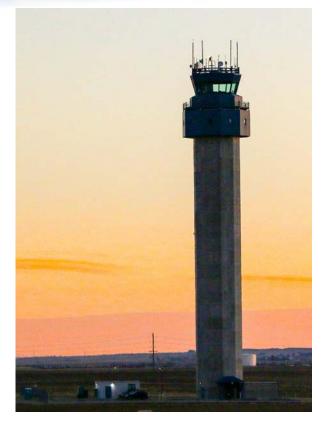
- Ordered New Snow and Ice Removal Equipment
- Ordered New Aircraft De-icer
- Selected and Implemented new FBO Software
- Selected New Lease Management Software
- Began FBO Performance and Management Audit



2024 Work Plan



- Continue Work on a P3
 Agreement to Fund and
 Construct a large hangar for
 the FBO and a second RFI for
 a potential P3 for a Master
 Developer at CASP.
- Continuing to partner with FFM by beginning the first integration phase for CASP Equipment into the County Fleet Program. Begin developing plan for CASP facility integration.





2024 Work Plan



Grow the FBO Business at CASP
 Through Process Improvement,
 Employee Retention/Culture Work,
 Business Development/Marketing,
 Equipment Replacement, Facility
 Improvements, Achieving Efficiencies
 and Executing recommendations of
 FBO Performance and Management
 Audit.





2024 Work Plan



- Process Development and Improvement.
 Establish, improve, and map internal processes within all three CASP divisions:
 Administration, operations/maintenance, and fixed-based operator.
- Proceed with Planning and Addressing Recommendations of the Business Plan Developed for CASP's Airport Business in Q4 of 2023 and integrate results of the CASP/ELT Strategic Discussions occurring in Q4 of 2023 and Q1 of 2024.





2024 CASP CIP



- Fog Seal and Re-Paint West Ramp and Taxiway-A
- Hangar Area Taxilane Improvement Project
- Renovation of Hangar Office Space
- Replace Some FBO Equipment
- Fuel Farm Maintenance
- Replace Large Snow Plow



40th Anniversary



Planning has Started for CASP's 40th
 Anniversary

Looking at a Series of Events

•Will be Offering Sponsorship Opportunities





AEROSPACE





COLORADO:

2nd

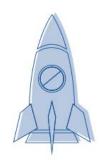
NATIONAL PRIVATE AEROSPACE EMPLOYMENT RANKINGS BY STATE



180 COMPANIES



500+



LEADING AEROSPACE
CONTRACTORS IN THE NATION
BASED IN COLORADO

34,750
DIRECT AEROSPACE EMPLOYEES



198,220

WORKERS SUPPORTED IN PARTNERING INDUSTRIES



\$5.3B

ANNUAL PAYROLL FOR AEROSPACE



\$4.5B

NASA ANNUAL ECONOMC IMPACT FOR COLORADO



Existing Users



Maxar

 Entered into a lease in 2022, utilizing office space, unimproved airport property and storage space

Reaction Engines

- -Renewed lease in 2022, operating since 2017
- Conducting testing and development of experimental SABRE engine heat exchanger
- –Expanding Operations





CASP STRATEGIC PRIORITIES

Commercial Space/Aerospace	Hangar/Facility Growth
Expand transportation opportunities through hypersonic and point-to-point travel, advanced manufacturing and satellite services	Develop and add hangar space to allow businesses and tenants to grow their operations.
VTOL; Urban Air Mobility	Innovation/R&D

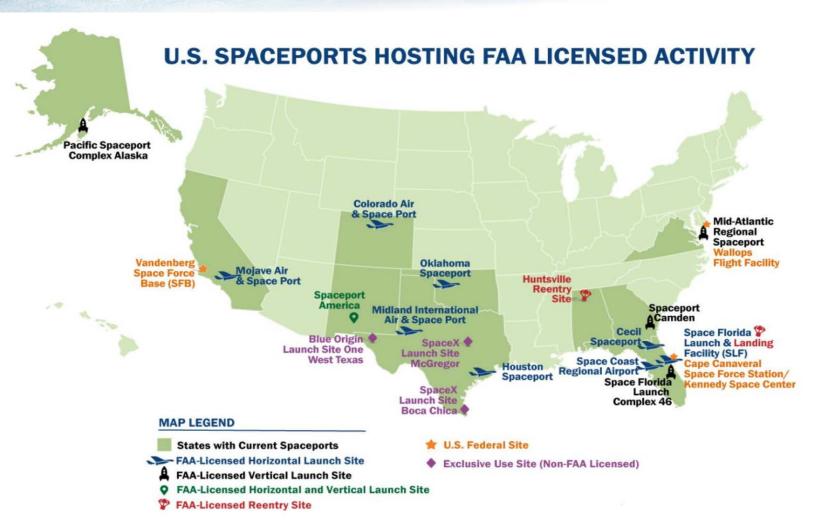


VTOL; Urban Air Mobility	Innovation/R&D
UAM maintenance and manufacturing	Provide location for manufacturing, testing, and/or transport of 21st century products and technology











FAA Spaceport License (LSO 18-017)

- Horizontal Launch and Recovery
- o Sub-orbital recovery with LSOL amendment



Concept X, dual propulsion system, most viable option for Colorado Air and Space Port.



Horizontal Launch Vehicles

















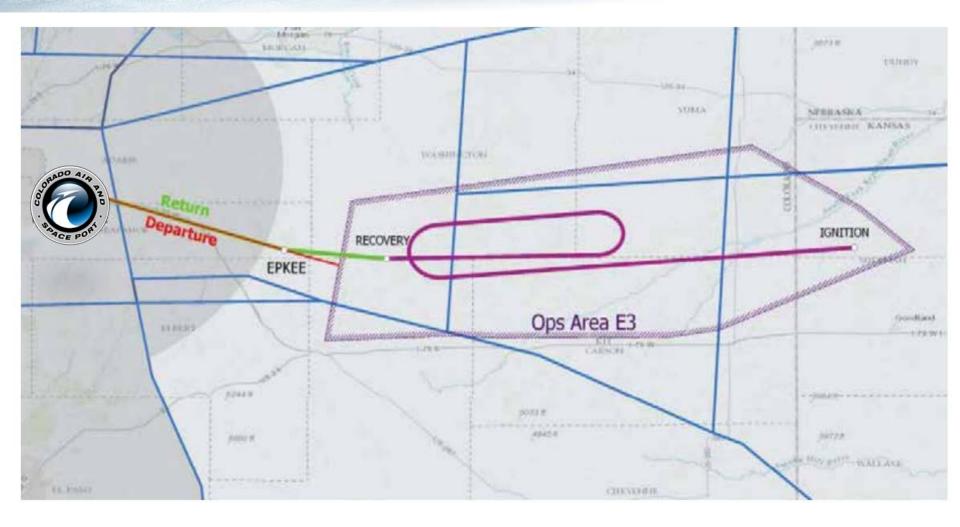
































- O British Firm based in Abingdon, UK (near Oxford)
- O Founded in 1989 by three propulsion engineers from Rolls-Royce
- O Purpose is to create a hybrid rocket engine capable of Mach 5 travel and allow spaceplanes to operate runway-to-orbit
 - O SABRE Engine Concept
 - O System requires a pre-cooler to allow non-destructive airflow through engine
- Testing and calibration of system happening at CASP right now
 - Purpose built test center
 - O HTX component
 - O Ground-based test achieved the highest temperature objective



A MAJOR BREAKTHROUGH IN AEROSPACE TECHNOLOGY



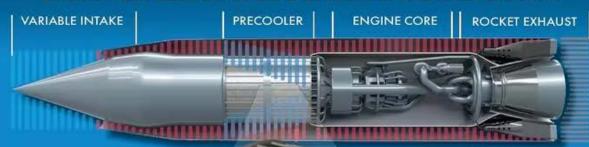
Reaction Engines has successfully tested its innovative precooler at conditions representing airflow at five times the speed of sound, marking a significant milestone in the development of its SABRETM engine and paving the way for a revolution in hypersonic flight and space access

SR71 Blackbird

Concorde

Boeing 777

SABRE - SYNERGETIC AIR-BREATHING ROCKET ENGINE



PRECOOLER - HOW IT WORKS

- At hypersonic speeds air entering the SABRE engine is heated to over 1,000°C
- The precooler consists of thousands of thin walled tubes, through which super chilled coolant is passed
- The wall of each tube is thinner than a human hair allowing cooling of the 1,000°C airflow in less than 1/20th second – faster than the blink of a human eye

FAST FACTS

- Demonstrated 3.8 MW of heat transfer – equivalent to the power required for 4.000 homes
- Contains over 42km of tubing

 the length of a marathon race
- Enables SABRE to operate at five times the speed of sound – more than 1.5x faster than the SR-71 Blackbird aircraft and 2.5x as fast as Concorde

SABRE DEVELOPMENT PROGRAMME





FLIGHT DEMONSTRATOR





HYPERSONIC

REVOLUTIONISING MULTIPLE INDUSTRIES





MOTORSPORT



ENVIRONMENTALLY EFFICIENT COOLING



HYBRID ELECTRIC AIRCRAFT SYSTEMS

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4

3

MACH



