

LEACH

Leach Airport (1V8) is a general aviation airport in the San Luis Valley, located approximately four miles northeast of the Town of Center. The airport is owned and operated by Saguache County. There is a single asphalt runway at 1V8 that is 7,000 feet long by 50 feet wide (12/30). The airport is used regularly by aircraft conducting aerial crop application on farms throughout the valley. Other activities at 1V8 include aerial inspections, business/corporate flying, law enforcement operations, and flight testing.



Airport Classification

The 2020 Colorado Aviation System Plan (CASP) has identified six functional classifications for Colorado's 65 publicly-owned, public-use airports and one privately-owned, public-use airport. The six classifications were newly developed for the 2020 CASP and replace the roles previously developed in the 2011 study. These classifications follow the Federal Aviation Administration's (FAA) role categories as defined by the National Plan of Integrated Airport Systems (NPIAS) and the ASSET study. However, the CASP expands upon these roles to create more specific classifications for airports that are not included in the NPIAS. Airports that are included in the NPIAS are eligible for federal funding. As of the 2019 NPIAS publication, 48 publicly-owned airports and one privately-owned airport in the Colorado airport system are included in the NPIAS, while 17 publicly-owned airports are not.

Leach Airport is one of 10 airports in Colorado classified as a GA-Rural airport. GA-Rural airports usually include a basic landing site and do not meet the requirements of the other airport classifications. These airports serve as critical access points for many rural communities in the state and accommodate activities such as emergency medical services and search and rescue operations.



Frequent Airport Activities



Recreational Visitors

Corporate/Business
Activities

Aerial Inspections



Search and Rescue



Law Enforcement

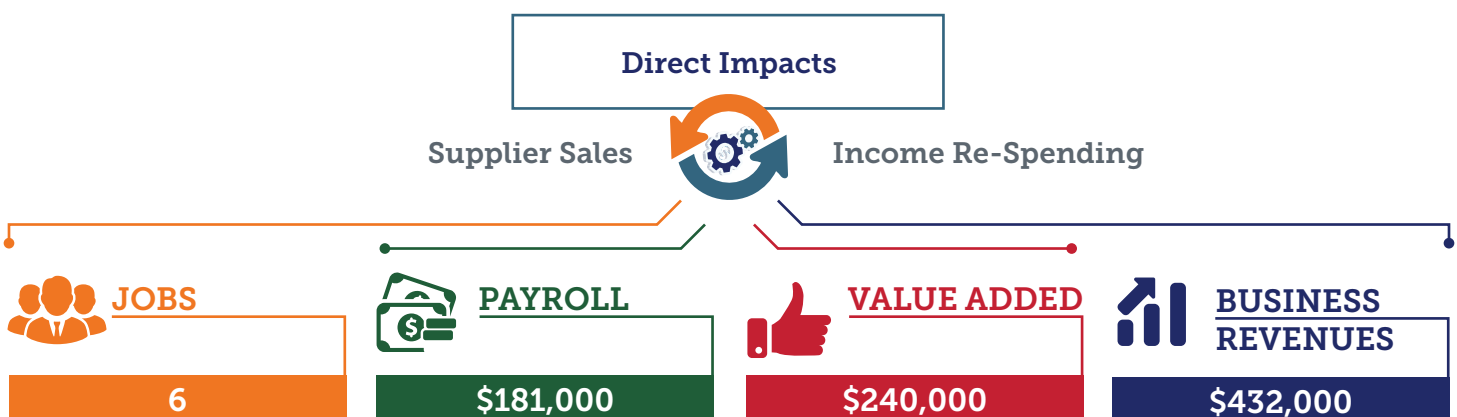
Leach Features

	Associated City/County	Center/Saguache
	Associated OEDIT Region	8 - San Luis Valley Region
	FAA GA ASSET Classification	Non-NPIAS
	Annual Operations (2018)	833
	Number of Based Aircraft (2018)	4
	Runway(s)	1
	Air Traffic Control Tower	No

1
V
8

Economic Impacts of 1V8

The 2020 Colorado Aviation Economic Impact Study (CEIS) measured the economic impacts of all airports in the state. Leach is one of 56 general aviation airports contributing to the state's aviation economic impacts. The components that comprise the total economic impacts for 1V8 are summarized below. Visit the project website to learn more about the methodology used to determine the economic impacts of 1V8 and all other Colorado airports.



Airport Needs and Recommendations

The 2020 CASP identified several performance measures (PMs) and facility and service objectives (FSOs) to provide a baseline for the infrastructure, facilities, and service capabilities required to best support the type and volume of aviation activity typified by each classification. The CASP identified gaps between the airport's existing condition and the needs to satisfy PMs, FSOs, and/or future facility needs driven by aviation demand forecasts. It is important to note that the PMs and FSOs are not requirements or mandates for airports to meet, rather, they serve as guidelines for airports and CDOT Division of Aeronautics to use during the airport planning process. Airports considered to be deficient in meeting the PMs and/or FSOs were reviewed to determine the recommended projects needed to satisfy those components.

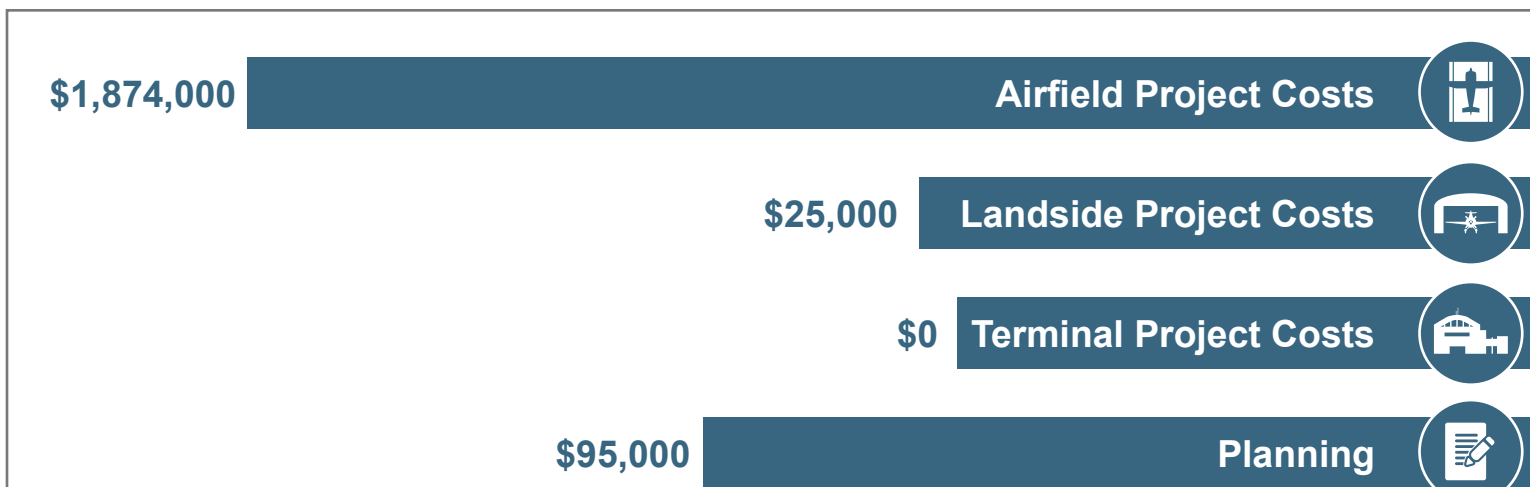
Planning level costs were developed for recommended projects and were associated with the appropriate goal category, PM, or FSO. These costs were developed based on 2019 Colorado material costs and industry knowledge and were adjusted to reflect cost differentials between types, sizes, and locations of airports. Projects and associated costs from available airport master plans and the CDOT 20-year Capital Improvement Program (CIP) were also incorporated into the CASP to provide an estimate of the airport's needs based on meeting PMs and FSOs as well as forecasted future demand. The project cost estimates for Leach to meet appropriate goals, PMs, and FSOs, and projects identified by the airport from other planning efforts, are categorized by project type in the following chart.



Did You Know?

1V8 is one of two public-use airports in Colorado that are authorized for Unmanned Aerial System (UAS) use. Saguache County works in conjunction with UAS Colorado to manage the San Luis Valley UAS Test Range, which includes airspace surrounding 1V8. The test range encompasses 8,100 square miles of operational airspace up to 15,000 feet, allowing mid-sized UAS operators to test new technology in a variety of environments.

Airport Project Costs by Type



Airport Report Card

Facility and service objectives (FSOs) were developed for each of the six airport classifications in the 2020 CASP. The following table details the FSOs and corresponding performance of Leach. These objectives were analyzed in conjunction with the other performance measures (PMs) to determine the airport's project needs and associated costs.

Objective Category	GA-Rural Objective	Current Condition				Meets 2020 Objective?
Airfield						
ARC	B-I	A-I				No
Runway Length	Maintain existing	7,000 feet (7,000 feet)				Yes
Runway Width	60 feet	50 feet				No
Runway Strength	12,500 pounds	12,000 lbs SW				No
Taxiway	Maintain existing	Connector				Yes
Runway Markings	Basic	Non-standard				No
Lighting/NAVAIDS						
Approach	Maintain existing	Visual				Yes
Visual Aids	Wind cone	Rotating beacon, VGSIs, wind cone				Yes
Runway Lighting	Reflectors	LIRL				Yes
Weather Reporting	Non-certified weather	None				No
Airport Facilities						
Terminal (CS and/or GA)	Based on community need	Yes				Based on community need
Apron Tie-Downs	Tie-downs for 100% of based aircraft fleet	100% of Based Aircraft Fleet:	4	Total Tie-Down Spaces:	5	Yes
Hangars	Based on community need	16				Based on community need
Dedicated Maintenance/SRE Storage Building	Based on community need	No				Based on community need
Electric Vehicle Charging Stations	Based on community need	No				Based on community need
Perimeter Security	AOA 3-wire fencing with appropriate signage	None				No
Services/Other						
Jet A Fuel	Based on community need	Not available				Based on community need
AvGas Fuel	Based on community need	24/7 (Self-Serve or Call Out)				Based on community need
Aircraft De-icing	Based on community need	None				Based on community need
Courtesy Car	Based on community need	No				Based on community need
Sustainability Plan	Based on community need	No				Based on community need
Minimums for All Airports						
Restroom (24-hr accessible) ✓	Cell Phone Service ✓	Airport Layout Plan (ALP) ✗				Wi-Fi Service ✓