

# SAGUACHE MUNICIPAL

Saguache Municipal Airport (04V) is a general aviation airport in the San Luis Valley located two miles northwest of Saguache. The airport is owned and operated by Saguache County. 04V has a single gravel runway (11/29) that is 7,957 feet long by 55 feet wide. 04V provides critical access to communities in the northern edges of the San Luis Valley. Additionally, 04V supports activities including aerial crop application, business/corporate endeavors, and recreational flying. The airport attracts visitors to Saguache and contributes to the local economy.



## 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.

Saguache Municipal 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



Aerial Inspection

Corporate/Business  
Activities

Law Enforcement



Flight Testing

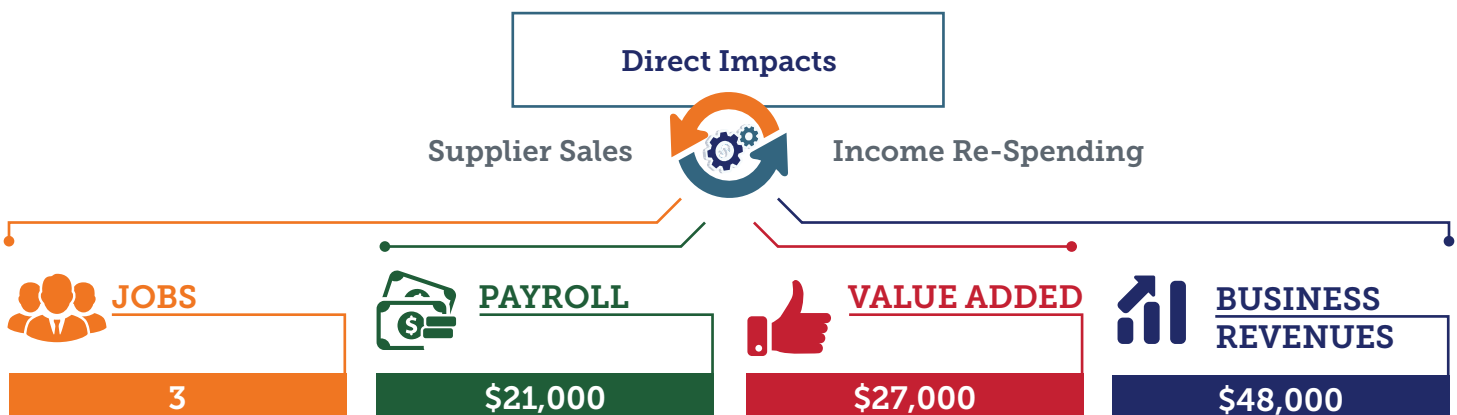
## Saguache Municipal Features

	Associated City/County	Saguache/Saguache
	Associated OEDIT Region	8 - San Luis Valley Region
	FAA GA ASSET Classification	Non-NPIAS
	Annual Operations (2018)	72
	Number of Based Aircraft (2018)	0
	Runway(s)	1
	Air Traffic Control Tower	No

04V

## Economic Impacts of 04V

The 2020 Colorado Aviation Economic Impact Study (CEIS) measured the economic impacts of all airports in the state. Saguache Municipal is one of 56 general aviation airports contributing to the state's aviation economic impacts. The components that comprise the total economic impacts for 04V are summarized below. Visit the project website to learn more about the methodology used to determine the economic impacts of 04V 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.

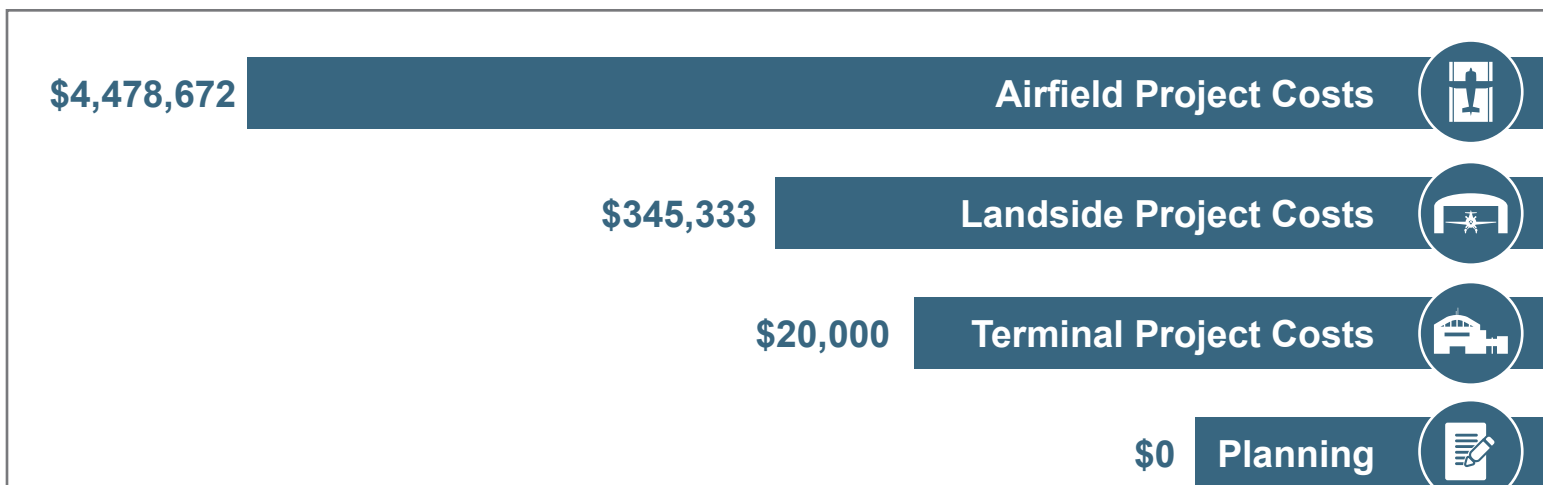
Planning level costs were developed for recommended projects and were associated with the appropriate goal category, PM, or FSO. These costs were developed based on 2019 Colorado material costs and industry knowledge and were adjusted to reflect cost differentials between types, sizes, and locations 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 Saguache Municipal 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?

04V is one of two public-use airports in Colorado that are certified for Unmanned Aerial Systems (UAS) usage. Saguache County works in conjunction with UAS Colorado to manage the San Luis Valley UAS Test Range, which includes airspace surrounding 04V. 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 Saguache Municipal. 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	7,957 feet (7,957 feet)				Yes
Runway Width	60 feet	55 feet				No
Runway Strength	12,500 pounds	NA (Dirt)				N/A
Taxiway	Maintain existing	None				Yes
Runway Markings	Basic	N/A				N/A
Lighting/NAVAIDS						
Approach	Maintain existing	Visual				Yes
Visual Aids	Wind cone	Wind cone				Yes
Runway Lighting	Reflectors	None				No
Weather Reporting	Non-certified weather	AWOS-3P				Yes
Airport Facilities						
Terminal (CS and/or GA)	Based on community need	No				Based on community need
Apron Tie-Downs	Tie-downs for 100% of based aircraft fleet	100% of Based Aircraft Fleet:	0	Total Tie-Down Spaces:	0	Yes
Hangars	Based on community need	0				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	AOA 3-wire fencing with appropriate signage				Yes
Services/Other						
Jet A Fuel	Based on community need	Not available				Based on community need
AvGas Fuel	Based on community need	Not available				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 ✖