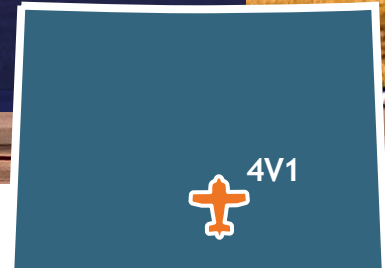
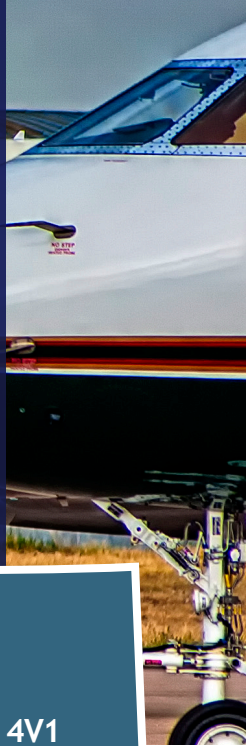


SPANISH PEAKS AIRFIELD

Spanish Peaks Airfield (4V1) is a general aviation airport in southern Colorado, located five miles north of Walsenburg. The airport is owned and operated by Huerfano County. 4V1 has a 4,506-foot-long asphalt all-weather runway (9/27) and a 2,275-foot-long turf runway (3/21). 4V1 provides access to the Spanish Peaks and supports a variety of activities including recreational flying, business/corporate flying, and environmental patrol. Additionally, the airport receives significant usage by flight training aircraft from Pueblo and the U.S. Air Force Academy. The airport is a significant asset for the county and directly 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.








Spanish Peaks Airfield is one of 19 airports in Colorado classified as a GA-Local airport. GA-Local airports are classified as having on-site weather reporting and occasionally supporting IFR flight operations. GA-Local airports are the most common classification of airport and link smaller population centers to the national airport system. Airports in this role are primarily used by piston aircraft for personal and business purposes and frequently accommodate flight training, emergency medical services, and/or charter passenger services.



Frequent Airport Activities

				
Recreational Visitors	Corporate/Business Activities	Flight Training	Law Enforcement	Environmental Patrol

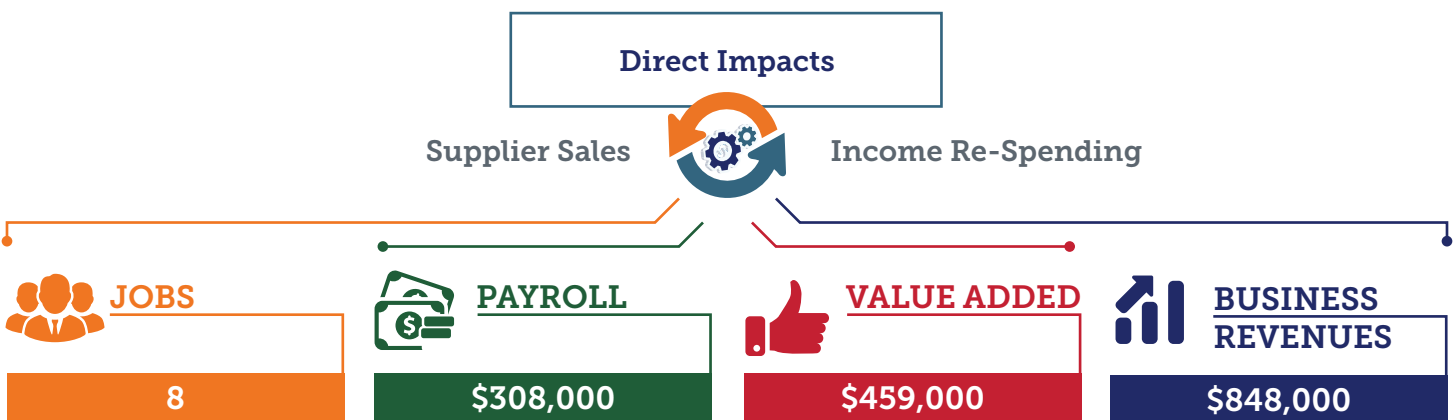
Spanish Peaks Airfield Features

	Associated City/County	Walsenburg/Huerfano
	Associated OEDIT Region	14 - Raton Basin Region
	FAA GA ASSET Classification	Basic
	Annual Operations (2018)	5,000
	Number of Based Aircraft (2018)	18
	Runway(s)	2
	Air Traffic Control Tower	No

4
V
1

Economic Impacts of 4V1

The 2020 Colorado Aviation Economic Impact Study (CEIS) measured the economic impacts of all airports in the state. Spanish Peaks Airfield is one of 56 general aviation airports contributing to the state’s aviation economic impacts. The components that comprise the total economic impacts for 4V1 are summarized below. Visit the project website to learn more about the methodology used to determine the economic impacts of 4V1 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.

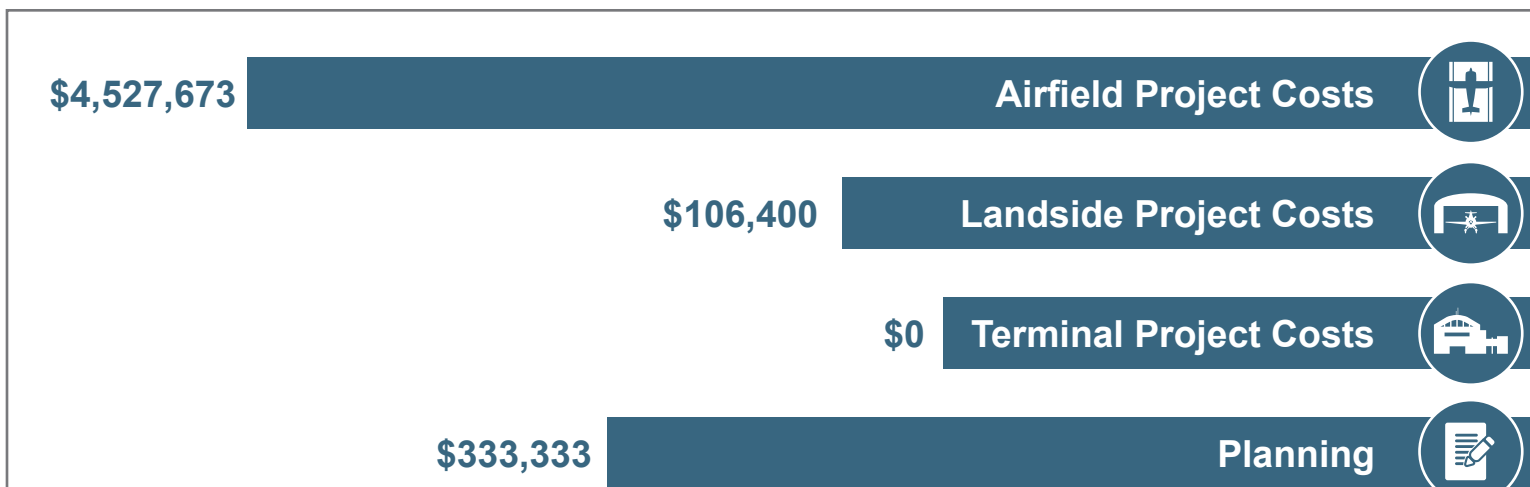
Planning level costs were developed for recommended projects and were associated with the appropriate goal category, PM, or FSO. These costs were developed based on 2019 Colorado material costs and industry knowledge and were adjusted to reflect cost differentials between types, sizes, and locations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

4V1 is named after the Spanish Peaks, two prominent peaks located 22 miles southwest of the airport. West Spanish Peak is the 12th-most topographically prominent peak in the state and the easternmost mountain that is at least 13,000 feet tall. The Spanish Peaks are a popular hiking destination that provide panoramic views in all directions.

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 Spanish Peaks Airfield. 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-Local Objective	Current Condition			Meets 2020 Objective?	
Airfield						
ARC	B-II	B-I			No	
Runway Length	Accommodate 100% of small aircraft adjusted for elevation and mean maximum daily temp during hottest month	4,504 feet (7,300 feet)			No	
Runway Width	75 feet	75 feet			Yes	
Runway Strength	30,000 pounds	17,000 lbs SW; 17,000 lbs DW			No	
Taxiway	Partial parallel	Connector			No	
Runway Markings	Non-precision	Non-precision			Yes	
Lighting/NAVAIDS						
Approach	Non-precision	Non-precision			Yes	
Visual Aids	Rotating beacon, lighted wind cone, REILs, VGSIs	VGSIs, wind cone			No	
Runway Lighting	MIRL	None			No	
Weather Reporting	On-site ASOS, AWOS, or Automated Unicom	AWOS-3			Yes	
Airport Facilities						
Terminal (CS and/or GA)	Facility with restrooms, pilot-lounge, and Wi-Fi	Facility with restrooms, flight planning space, Wi-Fi, and rest-area			Yes	
Apron Tie-Downs	Tie-downs for 50% of based aircraft fleet plus 25% of weekly average overnight transient storage during peak season	50% of based aircraft fleet plus 25% transient aircraft fleet:	10	Total tie-down spaces:	12	Yes
Hangars	Hangars for 50% of based aircraft fleet and 25% of weekly average overnight transient storage	50% of based aircraft fleet:	10	Number of based aircraft hangar spaces:	23	Yes
		25% of transient aircraft fleet:	0	Number of transient aircraft hangar spaces:	0	
Dedicated Maintenance/SRE Storage Building	Yes	Yes			Yes	
Electric Vehicle Charging Stations	Yes	No			No	
Perimeter Security	AOA 3-wire fencing with appropriate signage	AOA 3-wire fencing with appropriate signage			Yes	
Services/Other						
Jet A Fuel	24/7 (Self-Serve or Call Out)	24/7 (Self-Serve or Call Out)			Yes	
AvGas Fuel	24/7 (Self-Serve or Call-Out)	24/7 (Self-Serve or Call Out)			Yes	
Aircraft De-icing	Based on community need	None			Based on community need	
Courtesy Car	Yes	Yes			Yes	
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 ✓		

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