2020 IS Science Colorado Aviation System Plan and Economic Impact Study

FREMONT COUNTY

Fremont County Airport (1V6) is a general aviation airport in south-central Colorado, located approximately six miles east of Cañon City. The airport is owned and operated by Fremont County. 1V6 has one asphalt runway (11/29) that is 5,399 feet long by 75 feet wide and one turf runway (17/35) that is 1,500 feet long by 30 feet wide. 1V6 is located adjacent to U.S. Highway 50 and serves as a gateway to Cañon City, Florence, and the Royal Gorge Mountain Park. The airport is frequently used for skydiving, medical evacuations, prisoner transport, and aerial surveying. Additionally, the U.S. Forest Service and the Bureau of Land Management (BLM) station Single Engine Air Tanker (SEAT) aircraft at 1V6 each year to conduct aerial/wildland firefighting in the surrounding wilderness.

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.

Fremont County Airport 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.



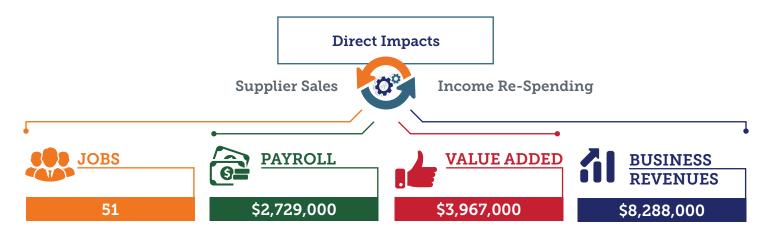


Fremont County Features

II.	Associated City/County	Cañon City/Fremont	
ţ.	Associated OEDIT Region	13 - Upper Arkansas Region	
	FAA GA ASSET Classification	Local	
**	Annual Operations (2018)	13,778	
×	Number of Based Aircraft (2018)	76	
	Runway(s)	2	
1	Air Traffic Control Tower	No	

Economic Impacts of 1V6

The 2020 Colorado Aviation Economic Impact Study (CEIS) measured the economic impacts of all airports in the state. Fremont County is one of 56 general aviation airports contributing to the state's aviation economic impacts. The components that comprise the total economic impacts for 1V6 are summarized below. Visit the project website to learn more about the methodology used to determine the economic impacts of 1V6 and all other Colorado airports.





Airport Needs and Recommendations

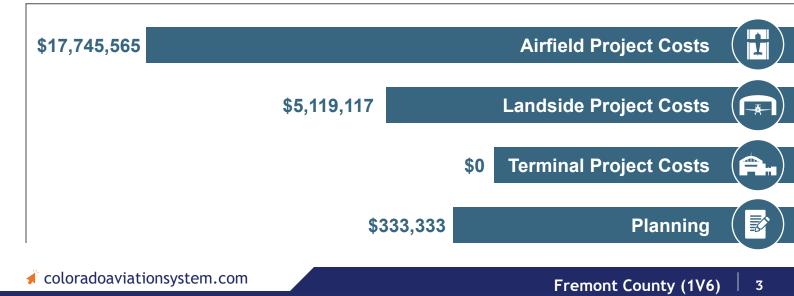
The 2020 CASP identified several performance measures (PMs) and facility and service objectives (FSOs) to provide a baseline for the infrastructure, facilities, and service capabilities required to best support the type and volume of aviation activity typified by each classification. The CASP identified 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 Fremont County 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?

1V6 is located five miles north of the Florence Federal Corrections Complex (FCC Florence), a group of four federal prisons that provide low-, medium-, high-, and maximum-security custody for more than 1,500 inmates. FCC Florence uses 1V6 to transport inmates safely and guickly between Florence and other federal facilities across the country.

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 Fremont County. 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	Curi	rent	Condition		Meets 2020 Objective?	
	Airfield							
	ARC	B-II B-II					Yes	
	Runway Length	Accommodate 100% of small aircraft adjusted for elevation and mean maximum daily temp during hottest month	5,399 feet (6,700 feet)			Νο		
	Runway Width	75 feet	75 feet			Yes		
	Runway Strength	30,000 pounds	26,000 lbs SW; 26,000 lbs DW			No		
	Taxiway	Partial parallel	Full parallel			Yes		
	Runway Markings	Non-precision	Non-precision				Yes	
	Lighting/NAVAIDS							
	Approach	Non-precision	Non-precision			Yes		
	Visual Aids	Rotating beacon, lighted wind cone, REILs, VGSIs	Rotating beacon, lighted wind cone, REILs, VGSIs			Yes		
	Runway Lighting	MIRL	MIRL			Yes		
	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 only restrooms and Wi-Fi			No		
	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:	41	Total tie-down spaces:	49	Yes	
	Hangars	Hangars for 50% of based aircraft fleet and 25% of weekly average overnight transient storage	50% of based aircraft fleet:	41	Number of based aircraft hangar spaces:	81	Νο	
			25% of transient aircraft fleet:	1	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)	Full service			Yes		
	AvGas Fuel	24/7 (Self-Serve or Call-Out)	Full service			Yes		
	Aircraft De-icing	Based on community need	None			Based on community need		
	Courtesy Car	Yes Pased on community need	Yes Yes				Yes Record on community need	
	Sustainability Plan	Based on community need	uums for All Airports				Based on community need	
	Restroom (24-hr accessible) $$				ut Plan (ALP)	\checkmark	Wi-Fi Service 🗸	

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Kimley **»Horn**

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