2020 IS Science Colorado Aviation System Plan and Economic Impact Study

LIMON MUNICIPAL

Limon Municipal Airport (LIC) is a general aviation airport in eastern Colorado, located one mile northeast of Limon. The airport is owned and operated by the Town of Limon. LIC has a single concrete runway (16/34) that is 4,700 feet long by 60 feet wide. Primary activities at LIC include recreational flying, business and corporate operations, and aerial inspections. Additionally, the airport supports medical transportation of doctors, patients, and supplies as well as prisoner transport services for the local correctional facility. LIC also hosts educational programs and activities for local schools to learn about aviation.

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.

Limon Municipal 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.



LIC

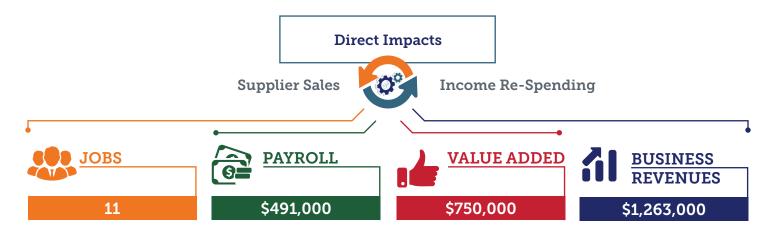


Limon Municipal Features

睭	Associated City/County	Limon/Lincoln	
	Associated OEDIT Region	5 - Central Plains Region	
	FAA GA ASSET Classification	Local	
**	Annual Operations (2018)	6,000	
×	Number of Based Aircraft (2018)	20	
	Runway(s)	1	
1	Air Traffic Control Tower	No	

Economic Impacts of LIC

The 2020 Colorado Aviation Economic Impact Study (CEIS) measured the economic impacts of all airports in the state. Limon 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 LIC are summarized below. Visit the project website to learn more about the methodology used to determine the economic impacts of LIC and all other Colorado airports.





Airport Needs and Recommendations

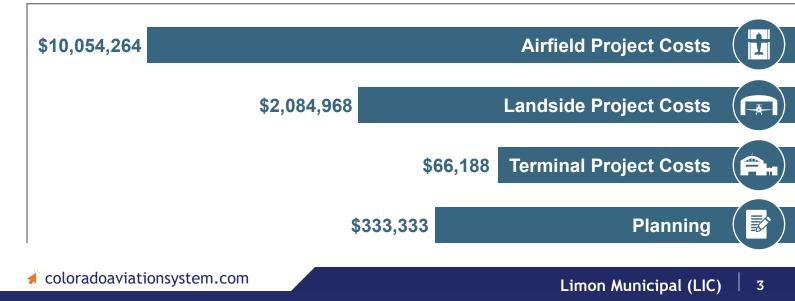
The 2020 CASP identified several performance measures (PMs) and facility and service objectives (FSOs) to provide a baseline for the infrastructure, facilities, and service capabilities required to best support the type and volume of aviation activity typified by each classification. The CASP identified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

LIC serves several different roles for the local communities and many residents of rural Colorado. The airport is served by Rural Partners in Medicine and Angel Flight West, two non-profit medical transportation organizations which transport doctors and supplies to rural communities across the country, providing vital quality-of-life services for residents.

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 Limon 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-Local Objective	Current Condition			Meets 2020 Objective?			
Airfield								
ARC	ARC B-II B-I					No		
Runway Length	y Length Accommodate 100% of small aircraft adjusted for elevation and mean maximum daily temp during hottest month 4,700 feet (6,100 feet)					Νο		
Runway Width	nway Width 75 feet 60 feet					No		
Runway Strength	30,000 pounds	12,500 lbs SW			No			
Taxiway	Partial parallel	Partial parallel			Yes			
Runway Markings	Non-precision	Visual				No		
Lighting/NAVAIDS								
Approach	Non-precision	Visual			No			
Visual Aids	Rotating beacon, lighted wind cone, REILs, VGSIs	Rotating beacon, lighted wind cone, VGSIs			Νο			
Runway Lighting	MIRL	MIRL				Yes		
Weather Reporting	On-site ASOS, AWOS, or Automated Unicom	ASOS			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:	11	Total tie-down spaces:	20	Yes		
Hangars	Hangars for 50% of based aircraft fleet and 25% of weekly average overnight transient storage	50% of based aircraft fleet:	11	Number of based aircraft hangar spaces:	18	Yes		
		25% of transient aircraft fleet:	0	Number of transient aircraft hangar spaces:	0	163		
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)	Not available			No			
AvGas Fuel						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		
Restroom (24-hr accessible)√		ims for All Airport Airport		ut Plan (ALP)	\checkmark	Wi-Fi Service 🗸		

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