

 IDAHO AIRPORT
SYSTEM PLAN UPDATE 2020
& AIRPORT ECONOMIC IMPACT ANALYSIS UPDATE

HOWE

Howe
SUMMARY REPORT



FAA ID
U97

Understanding the Airport

Howe is a small town in east-central Idaho, located approximately 55 miles northwest of Idaho Falls along state highway 33. The town is situated in the Lost River Valley and supports agricultural production in the area. Local attractions include the Lemhi Mountains and the Lost River Range. Howe Municipal Airport (U97) is a general aviation airport located four miles northwest of Howe. The airfield is owned and operated by Butte County and has a single dirt runway that is 3,800 feet long by 25 feet wide. The airport is primarily used by crop spraying aircraft operating in the valley and transient recreational aircraft traveling from the backcountry. In past years, the airport has been utilized as a staging base for aerial/wildland firefighting operations, medical evacuations and search & rescue operations.



AERIAL
FIREFIGHTING



MEDICAL
OPERATIONS



AERIAL AGRICULTURAL
SPRAYING



GATEWAY TO THE
BACKCOUNTRY



FLIGHT
TRAINING

AIRPORT FEATURES		
Associated City	Howe	
Associated County	Butte	
Airport Reference Code	A-1	
Primary Runway	ORIENTATION	13 / 31
	DIMENSION	3,800' x 25'
	SURFACE TYPE	Gravel/Dirt

FORECAST SUMMARY			
Activity	2017	2037	% Change
Based Aircraft	3	4	15%
CS Annual Operations	N/A	N/A	N/A
GA Annual Operations	4,084	4,084	0%

AVIATION FORECAST

When planning for new or additional airport facilities, projections of various indicators of aviation demand such as based aircraft and operations can help determine the type and size of necessary improvements.

AIRPORT ROLE

IASP Role General	Federal Role N/A
----------------------	---------------------

AIRPORT ROLES

Idaho's airport classification structure is designed to establish a network of facilities that support the state's access, mobility, and economic needs while preserving the long-term viability of all airports within the system. The 2020 Idaho Airport System Plan (IASP) Update has identified nine functional roles for the 75 publicly-owned public-use airports in the system. State and federal classifications are the same for airports included in the National Plan of Integrated Airport Systems (NPIAS), while non-NPIAS airports are categorized into three state-specific roles.

Facility and Service Objectives

Facility and service objectives (FSOs) were developed for each Idaho airport role. These objectives provide guidance on the recommended minimum facilities and services that the airport should have to optimally fulfill its functions in the system. The following table summarizes the airport's current facilities and services, FSOs, other projects recommended or identified during 2020 IASP Update, as well as estimated 20-year development costs. Recommended development costs include projects identified during the system plan, 20-year pavement lifecycle costs, future aircraft storage needs based on forecasted activity, and additional needs identified in the Idaho State Capital Improvement Plan (ISCIP). While these projects are included as part of the IASP, it is recognized that implementation of these projects is dependent on local needs. As an integral component of Idaho's airport system, these recommended improvements will ensure that this facility continues to provide state residents, businesses, and visitors with the aviation infrastructure necessary over the next 20 years.

AIRPORT REPORT CARD		HOWE	GENERAL		
OBJECTIVE CATEGORY	AIRPORT OBJECTIVES (SPECIFIC TO ROLE)	CURRENT PERFORMANCE	RECOMMENDATION	COST	
AIRSIDE FACILITIES					
Primary Runway Length	Maintain Existing	3,800 feet	None	\$-	
Primary Runway Width	50 feet	25 feet	Add 25 feet	\$299,155	
Primary Runway Strength	Maintain Existing	N/A	None	\$-	
Primary Taxiway	Maintain Existing	Connectors	None	\$-	
Instrument Approach	Visual	Visual	None	\$-	
Visual Aids	Wind Cone	Lighted Wind Cone	None	\$-	
Runway Lighting	Reflectors	None	Reflectors	\$10,100	
Weather Reporting	Not Applicable	None	None	\$-	
LANDSIDE FACILITIES					
Commercial Terminal	Not Applicable	No	None	\$-	
General Aviation Terminal	Not Applicable	No	None	\$-	
Public Restrooms	Yes	No	Public Restroom	\$55,000	
Conference Rooms	Not Applicable	No	None	\$-	
Pilots Lounge	Not Applicable	No	None	\$-	
Hangar Storage Units	Not Applicable	None	1	None	\$-
Apron Tie-Down Spaces	100% of Based Aircraft and 25% of Transient Maximum Daily Totals	4	2	Add 2 spaces	\$3,700
Perimeter Fencing	Not Applicable	None	None	\$-	
Auto Parking	Not Applicable	Yes	None	\$-	
SERVICES					
Cell Phone Coverage	Yes	Yes	None	\$-	
Wi-Fi	Not Applicable	No	None	\$-	
Fixed Base Operator	Not Applicable	None	None	\$-	
Maintenance Services	Not Applicable	No	None	\$-	
Snow Removal Equipment	Not Applicable	No	None	\$-	
Fuel	Not Applicable	No	None	\$-	
Rental/Courtesy Car Access	Not Applicable	No	None	\$-	
FUTURE STORAGE NEEDS, PAVEMENT NEEDS, AND ADDITIONAL ISICIP PROJECTS					
PROJECT CATEGORY					
Performance Measure: Master Plan or Airport Layout Plan (ALP)			ALP w narrative		\$30,000
Performance Measure: Close-in Obstructions			Remove Obstruction		\$15,000
Performance Measure: Meeting Current FAA Taxiway Design Standards			None		\$-
Future Storage Needs: Hangar Spaces			None		\$-
Future Storage Needs: Apron Tie-downs			1		\$3,100
Pavement Lifecycle Costs					\$-
Additional ISICIP Projects					\$-

Economic Benefit to Idaho

The 2020 Idaho Airport Economic Impact Analysis (AEIA) Update quantified the total economic activity of each airport in the Idaho system. The study first calculated the direct economic benefits attributable to on-airport activity, capital improvements, and off-airport visitor spending. Based on these direct impacts, indirect and induced (or "multiplier") effects associated with supplier purchases and the re-spending of worker income were then calculated. Direct impacts and multiplier effects are summed to determine the airport's total economic impacts. Impacts are expressed in terms of jobs, earnings, contribution to the state's Gross Domestic Product (GDP), and total output. GDP is the value contributed to a product or service provided by a firm or group of firms (in this case, airport business). In addition, airports support a variety of other benefits, such as agriculture, wildland firefighting, medical transport, and business operations across the state.

STATEWIDE IMPACTS

Total Employment	33,460 jobs
Total Earnings	\$1.3 billion
Total GDP	\$2.4 billion
Total Output	\$4.9 billion

Overall, the statewide impact of aviation for Idaho's economy exceeds **\$4.9 billion** and provides benefits through diverse activities associated with aviation and airport activity.

AIRPORT-SPECIFIC IMPACTS



TOTAL EMPLOYMENT
3 JOBS



TOTAL EARNINGS
\$120,000



TOTAL GDP
\$230,000



TOTAL OUTPUT
\$510,000

ADDITIONAL AVIATION BENEFITS

Supports Aerial Application of Nearby Farms

Supports Recreational Flying

Supports Aerial Firefighting Efforts

Offers Staging Area for Emergency Operations

Supports Flight Training Activities

LAND USE COMPATIBILITY

Incompatible land use on and around airports can result in noise-related nuisance or safety-related concerns affecting airspace, overflights, and accident severity. Incompatibility has the potential to limit airport operations, close airports, or restrict access. Most recently, Idaho Code 67-6508(q) (Section Q) established new requirements for cities and counties to prepare a Public Airport Facilities section in their comprehensive plans. The Public Airport Facilities section must provide an overview of nearby airport facilities, operations, airport development, and economic impact. Section Q is an important step towards supporting compatible land uses around airports.