

PORTHILL

Eckhart International

SUMMARY REPORT



Understanding the Airport

Porthill is a small village on the U.S.-Canadian Border. The town has one of two border crossings between Idaho and Canada. Economic activity in the Kootenay River Valley near Porthill is centered on agriculture and logging. This part of Idaho is known for its lakes, forests, and abundant mineral resources. Large brewing companies, including Coors and Anheuser Bush, have multiple hops farms in the valley. Recreational activities in the area including fishing and boating on the Kootenay River. Eckhart International Airport (1S1) is a state-managed general aviation airport located just south of the border. The airport receives infrequent usage, mostly from recreational aircraft crossing the border from Canada as visitors use the U.S. Customs and Border Patrol station in Porthill. Eckhart International is also used by the brewing companies to conduct crop inspections and by government agencies to perform emergency operations. 1S1 has a significant role in the local economy as it attracts visitors and business to the community, making the airport a critical asset for the Idaho Airport System.



AERIAL AGRICULTURAL
SPRAYING



BUSINESS ACTIVITY



GATEWAY TO THE
BACKCOUNTRY



RECREATIONAL
FLYING

AIRPORT FEATURES

Associated City	Porthill		
Associated County	Boundary		
Airport Reference Code	A-I		
Primary Runway	ORIENTATION	15 / 33	
	DIMENSION	3,650' x 175'	
	SURFACE TYPE	Turf	

FORECAST SUMMARY

Activity	2017	2037	% Change
Based Aircraft	0	0	0%
CS Annual Operations	N/A	N/A	N/A
GA Annual Operations	2,080	2,080	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
Backcountry

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			ECKHART INTERNATIONAL		BACKCOUNTRY	
OBJECTIVE CATEGORY	AIRPORT OBJECTIVES (SPECIFIC TO ROLE)		CURRENT PERFORMANCE	RECOMMENDATION	COST	
AIRSIDE FACILITIES						
Primary Runway Length	Maintain Existing		3,650 feet	None	\$-	
Primary Runway Width	Maintain Existing		175 feet	None	\$-	
Primary Runway Strength	Maintain Existing		N/A	None	\$-	
Primary Taxiway	Maintain Existing		None	None	\$-	
Instrument Approach	Visual		Visual	None	\$-	
Visual Aids	Wind Cone		Wind Cone	None	\$-	
Runway Lighting	Not Applicable		None	None	\$-	
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	\$35,000	
Conference Rooms	Not Applicable		No	None	\$-	
Pilots Lounge	Not Applicable		No	None	\$-	
Hangar Storage Units	Not Applicable	None	1	None	\$-	
Apron Tie-Down Spaces	At Least One Aircraft and up to 25% of Maximum Daily Totals	1	6	None	\$-	
Perimeter Fencing	Not Applicable		None	None	\$-	
Auto Parking	Not Applicable		No	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 ISCIP PROJECTS						
PROJECT CATEGORY						
Performance Measure: Master Plan or Airport Layout Plan (ALP)				None	\$-	
Performance Measure: Close-in Obstructions				None	\$-	
Performance Measure: Meeting Current FAA Taxiway Design Standards				None	\$-	
Future Storage Needs: Hangar Spaces				None	\$-	
Future Storage Needs: Apron Tie-downs				None	\$-	
Pavement Lifecycle Costs					\$-	
Additional ISCIP 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.



ADDITIONAL AVIATION BENEFITS

Supports Recreational Flying

Supports Crop Inspections of Nearby Farms

Provides Access to Idaho Backcountry and Recreational Opportunities

Provides Access to U.S. Customs

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.