

SHER-WOOD AIRPORT – PLENTYWOOD

QUALITATIVE BENEFITS

In addition to the economic benefits described above, Sher-Wood Airport provides access and services that promote the well being of the local community. Aviation activities that take place on a regular basis include recreational flying, agricultural spraying conducted by Carlson Aerial, corporate aviation, and aerial inspections of utilities. A survey of 35 hospitals in Montana gathered data to obtain information relating to how often hospitals use airports in Montana for patient transfer. Survey data indicated Sheridan Memorial Hospital uses Sher-Wood Airport three times per month on average for emergency patient transfer via air ambulance. Glasgow based STAT Air Ambulance frequently flies critical care patients out of the airport to Deaconess Hospital.

FAA data indicates the following businesses utilized the airport during the past year:

- A R Services Inc.
- Beech Employees Flying Club Inc.
- Exec Air Montana Inc.
- Keller Companies Inc.
- Lynch Air, Management Systems Corp.
- Pamida Inc.
- Sunbird Aviation Inc.
- Technical Products Inc.

While most itinerant aircraft traveled to the airport from within Montana and nearby Rocky Mountain States, FAA data also indicates aircraft traveled from as far away as Indiana and Nebraska.



Montana Department of Transportation
2701 Prospect Avenue | PO Box 201001
Helena, MT 59620-1001
406.444.6200

Prepared by
WilburSmith
ASSOCIATES

SHER-WOOD AIRPORT PLENTYWOOD



MONTANA
ECONOMIC IMPACT OF AIRPORTS STUDY

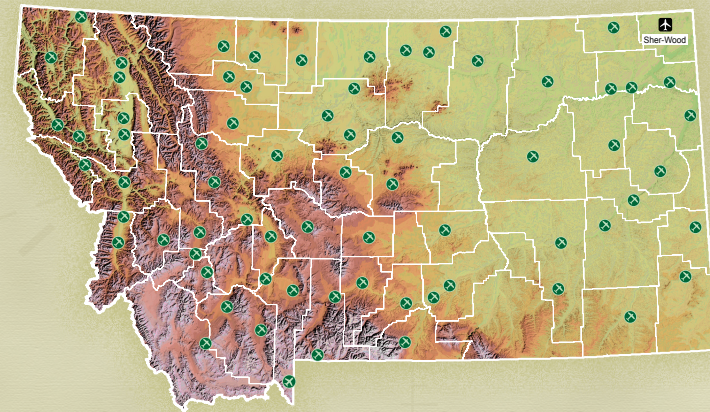
SHER-WOOD AIRPORT – PLENTYWOOD

AIRPORT LOCATION

Sher-Wood Airport is located one mile northeast of Plentywood, Montana, in Sheridan County. Located on the prairie of northeast Montana, Plentywood is a small town steeped in Old West history. Visitors can learn about the Native Americans, homesteaders, and outlaws who first inhabited the area at the Sheridan County Museum and the Sheridan County Agriculture Museum and Civic Center. Plentywood also features exotic animal farm tours and a hot air balloon rally in June. Other area attractions include picturesque Brush Lake State Park and Medicine Lake National Wildlife Refuge, both of which are located only a short drive south of Plentywood. Plentywood is the county seat of Sheridan County.

Plentywood has a population of approximately 1,740. Major employers in the area include Sheridan Memorial Hospital and Nursing Home, Plentywood Public Schools, Sheridan County, and Rueb's Grocery Store.

The 600-acre airport's primary runway, Runway 12/30, measures 3,900 feet in length and 75 feet in width. Two additional runways, Runway 8/26 and Runway 16/34, are turf runways. Runway 8/26 measures 2,950 feet in length and 60 feet in width. Runway 16/34 measures 1,600 feet in length and 83 feet in width. The airport, with nineteen based aircraft, experiences approximately 11,360 aircraft operations annually.



STATEWIDE RESULTS

Economic benefits in the Montana Economic Impact of Airports Study are expressed in terms of jobs, payroll, and annual economic activity or output.

Jobs/Employment

An estimated 18,800 jobs in Montana are in some way supported by the commercial and general aviation airports. These are jobs that are associated with on-airport businesses, tenants, and other activities that are located on commercial or general aviation airports in the State. In addition, spending by visitors arriving in Montana by air helps to support other jobs. When airport improvements are made, additional jobs are supported by the airports over the duration of these projects.

Payroll/Earnings

The 18,800 jobs in Montana that are linked to the commercial and general aviation airports account for over \$600 million in annual payroll. Airport related payroll is a key component of the economic benefit cycle that starts at the airport. It was this economic cycle that was measured by this study's induced benefits. When those employed by on-airport businesses use their paycheck to

purchase groceries, new clothes, or household items, their spending helps to support other jobs in the community and the payroll associated with these jobs. The initial benefits that start at the airports continue to multiply once they enter the State's economy.

Annual Economic Activity/Output

To operate Montana's airports, businesses located on the airports and businesses that support visitors who arrive in Montana via the airports all require the purchase of goods and services. These expenditures are most often in addition to those benefits identified in the payroll and earnings category. Benefits in this category are expressed in this study as total annual economic activity or output. Annual economic output related to the airports is typically assumed to be the sum of annual gross sales and average annual capital expenditures, including capital improvement projects.

JOBS..... 18,800

PAYROLL.....\$600 MILLION

OUTPUT.....\$1.56 BILLION

MONTANA ECONOMIC IMPACT OF AIRPORTS STUDY

ECONOMIC IMPACT ANALYSIS

Economic impacts at an airport are measured through employment, payroll, and output (spending). On-airport business and government activities (direct impacts) account for a significant portion of an airport's first-round economic benefits. Additional first-round benefits are also linked to visitors who arrive via the State's system of airports (indirect impacts). Spending by these visitors supports additional employment and associated annual payroll. These first-round impacts create additional spin-off benefits that ripple through the economy. These second-round or induced benefits were measured with Montana-specific IMPLAN multipliers. When combined, first-round and second-round benefits equal the total economic impact associated with each airport.

First-Round Impact

In 2008, there was one aviation-related tenant located on the airport. This tenant functions as the as the FBO and as airport management for the airport sponsor. In order to preserve tenant confidentiality, total tenant and visitor impacts have been combined. This tenant's direct employment, payroll, and output impacts were derived from survey data. For 2008, the total combined first-round output stemming from all on-airport tenants and general aviation visitors to Sher-wood Airport was approximately \$ 52,600. Total first-round full-time employment related to airport tenants and general aviation visitors is estimated at three persons with a total first-round payroll of approximately \$28,300 annually. Survey data indicated that approximately 3,087 visitors used the airport in 2008.

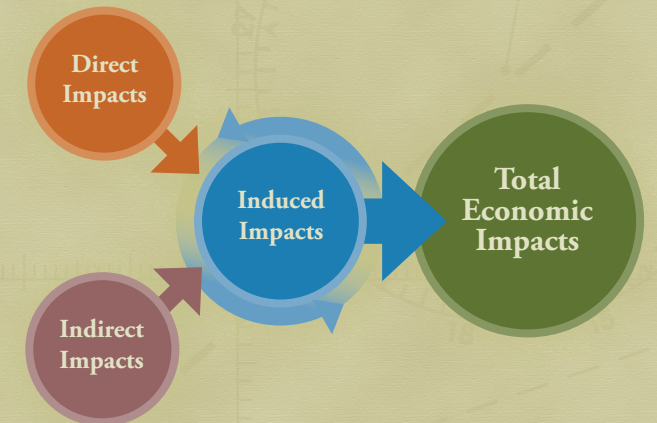
Second-Round Impact

The first-round impacts associated with on-airport tenants and general aviation visitors also create second-round impacts throughout the State. Second-round impacts are induced impacts calculated using the Montana specific IMPLAN multipliers. The accompanying table presents the 2008 first-round, second-round, and total impacts for output, payroll, and employment as they relate to on-airport tenants and general aviation visitors.

Total Impact

For 2008, the total output (including first-round and second-round impacts) stemming from all on-airport tenants and general aviation visitors to Sher-wood Airport was approximately \$85,200. Total full-time employment related to airport tenants and general aviation visitors, including all second-round impacts, is estimated at approximately five persons, with a total annual payroll (first-round and second-round) of approximately \$48,000 associated with these jobs.

METHODOLOGY



AIRPORT SUMMARY TABLE

FIRST-ROUND ECONOMIC IMPACTS

On-Airport	Visitor Spending
<ul style="list-style-type: none"> • FAA, Other Government • Airport Management • Aircraft maintenance • Vendors • Retail & Restaurant • Car Rental • Parking • Other Ground Transportation • Fixed Based Operators 	<ul style="list-style-type: none"> • Hotels • Retail & Restaurants • Travel Agents • Convention Centers • Tourist Destinations

2.5 Jobs
\$28,300 in Payroll
\$52,600 in Economic Output

SECOND-ROUND ECONOMIC IMPACTS

- Suppliers of Materials & Services to Airports
- Air Dependent Businesses
- Visitor Dependent Businesses
- Consumer Product and Service Sales

2.5 Jobs
\$20,700 in Payroll
\$32,600 in Economic Output

TOTAL ECONOMIC IMPACTS

5.0 Jobs
\$48,000 in Wages
\$85,200 in Economic Activity