

# 2012 Montana

Airport Directory  
51st Edition!



MDT Aeronautics Division



[www.mdt.mt.gov/aviation](http://www.mdt.mt.gov/aviation)

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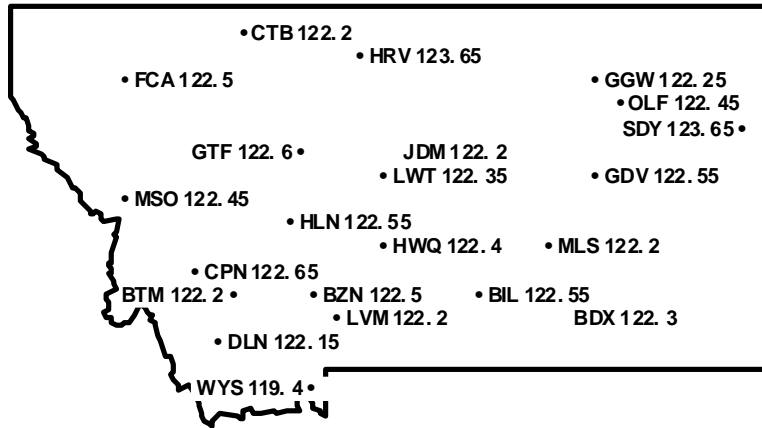
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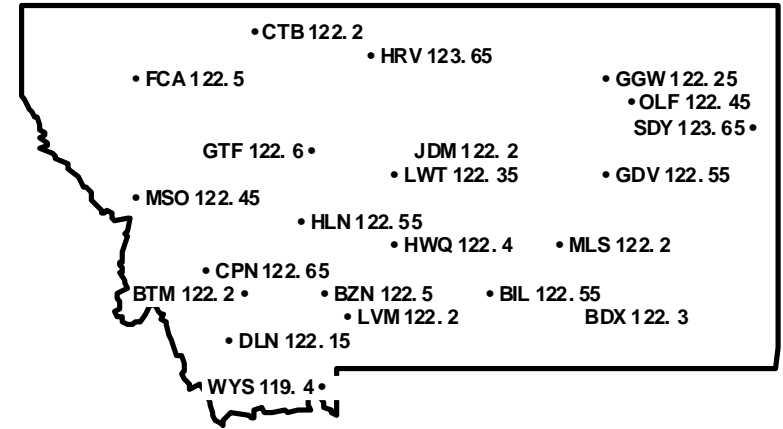
FSS Frequencies

www.afss.com  
1-800-wx-brief or 1-800-992-7433

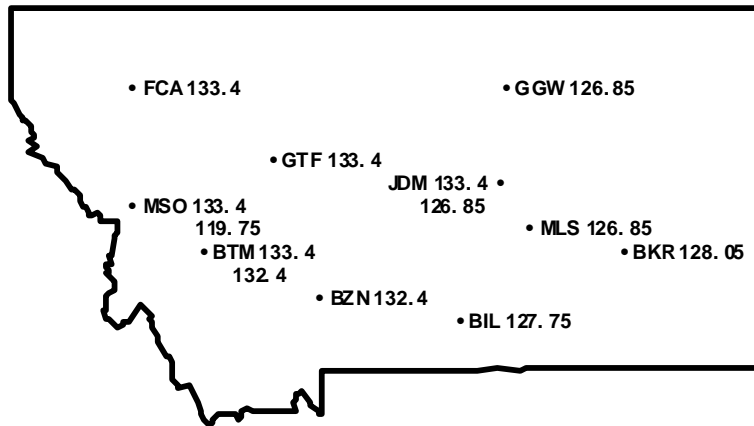


**SLC Center Frequencies  
LOW ALTITUDE**

1-800-wx-brief or 1-800-992-7433



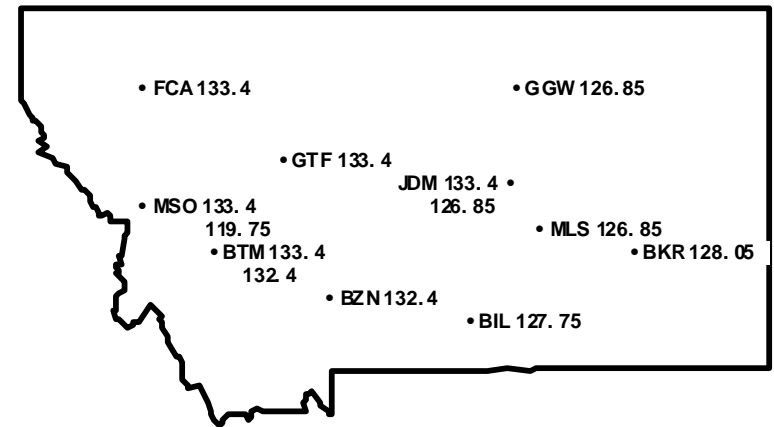
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**Front Cover Photos**

Testing of Neptune's next-gen fire-fighting aircraft at Missoula  
Photograph Courtesy of Steve Bowyer

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## 51 Years of Montana Airport Directories

January 1, 2012

For the last 51 years, our organization has been proud to present to you, the flying public, the annual Montana Airport Directory. As our cover illustrates, Montana and aviation in general has seen many changes. Aerial firefighting equipment is currently in the next-generation phase of aircraft development. With Neptune Aviation of Missoula Montana being part of that exciting certification process from P2V airframes to a BAe-146 four engine tanker jet. With Montana having historic events such as Mann Gulch, it seems fitting to have a Montana based company in the forefront of technical advancement.

We are also pleased to announce the seven new public use airports that were introduced in last year's directory, are now depicted on the FAA aeronautical charts and flight directories. They should also be integrated into the GPS data base, as they all have three digit identifiers at this time. Just remember they still require special skills and equipment.

Some other areas of interest concerning aviation in the State of Montana has been the newest developments in unmanned drones and proposed expansion of Military Operations Areas. We continue to closely monitor these proposals with the interest of commercial and private operations foremost in our minds.

From everyone at the MDT Aeronautics Division we wish you the best of what Montana has to offer, safe flying and clear skies!



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Administrator

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Airport Directory**

Brian Schweitzer, Governor  
Tim Reardon, Montana Dept of Transportation Director  
Published by the office of:

**Montana Department of Transportation**

**Aeronautics Division**

[www.mdt.mt.gov/aviation](http://www.mdt.mt.gov/aviation)  
P.O. Box 200507  
Helena, MT 59620-0507  
Telephone: (406) 444-2506  
TTY : (406) 444-7696

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Patty Kautz.....Financial Contact

**Airports/Airways Bureau**

Jim Greil.....Chief  
Mike Rogan.....Aviation Support Officer  
Wade Cebulski.....Aviation Support Officer  
Ken Wilhelm.....Aircraft Mechanic  
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Tom Cherhoniak.....Yellowstone Fire Fighter

**Safety & Education Program**

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Kelly Dimick.....Administrative Assistant

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Tricia McKenna, Chair..... Bozeman  
Ted Schye, Vice-Chair..... Fort Peck  
Roger Lincoln, Secretary..... Gilford  
Fred Lark.....Lewistown  
Bill Hunt, Jr..... Shelby  
Fred Leistiko..... Kalispell  
Robert Buckles.....Bozeman  
Christopher Edwards.....Billings  
Charles Manning.....Lakeside

This airport directory has been compiled from information submitted by airport owners, flight operators, interested pilots, and inspections by the FAA and the Aeronautics Division. Every effort has been made to provide a complete and accurate directory. Because airport conditions are constantly changing, the Montana Aeronautics Division assumes no responsibility for any action taken by a pilot on the basis of information contained herein.

Pilots are reminded it is their responsibility to check FAA Notices to Airmen for current information, the Airport Facility Directory, as well as making a visual inspection of the airport before using.

**Fifty First** edition revised to November 2011.

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## FAA Flight Service Station

FSS Toll Free Number.....1-800-WX-BRIEF  
1-866-527-7601

When you call from anywhere in the state, you will be  
Connected to the Prescott, AZ. F.S.S.

### Format for Filing a Flight Plan

1. Type of flight plan
2. Aircraft identification
3. Aircraft type and equipment
4. True Airspeed
5. Point of departure
6. Departure Time (Z)
7. Initial cruising altitude
8. Route of flight
9. Destination
10. Estimated time en route
11. Remarks
12. Fuel on board
13. Alternate airports
14. Pilot's name, address  
telephone #, home base
15. Number persons aboard
16. Color of aircraft
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**Rules Pertaining to Aircraft Accidents, Incidents,  
Overdue Aircraft and Safety Investigations**

(National Transportation Safety Board Procedural  
Regulations, 49 CFR 830 (in part))

**1. Immediate Notification**

The operator of an aircraft shall immediately, and by the most expeditious means available, notify the nearest offices of the National Transportation Safety Board, Bureau of Aviation Safety Field Office when:

- A. An aircraft accident or any of the following listed incidents occur:
  - 1. Flight control system malfunction or failure
  - 2. Inability of any required flight crew member to perform his normal flight duties as a result of injury or illness
  - 3. Turbine engine rotor failures excluding compressor blades and turbine buckets
  - 4. In-Flight fire
  - 5. Aircraft collide in flight
- B. An aircraft is overdue and believed to have been involved in an accident.

**2. Manner of Notification**

The most expeditious method of notification to the National Transportation Safety Board (NTSB) by the operator will be determined by the circumstances existing at the time. The NTSB has advised that any of the following would be considered examples of the type of notification that would be acceptable:

- A. Direct telephone notification
- B. Telepathic notification
- C. Notification to the FAA, who would in turn notify the NTSB by direct communication

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### 3. Reports

The operator shall file a report on NTSB form 6120.1 or 6120.2 available for the NTSB field offices, or the NTSB, Washington D.C., 20594. The report shall be filed:

- A. Within ten (10) days after an occurrence for which notification is required as per section 1. A & B (above)
- B. When, after seven (7) days, an overdue aircraft is still missing
- C. Upon request of an authorized representative of the NTSB
  - 1. Each crew member, if physically able at the time the report is submitted, shall attach thereto a statement setting forth the facts, conditions and circumstances relating to the accident or occurrence as they appear to him to the best of his knowledge and belief. If the crew member is incapacitated, he or she shall submit the statement as soon as he or she is physically able.

#### Applicable Phone Numbers

FSS.....1-800-WX-BRIEF  
Helena FAA Airports District Office.....(406) 449-5271  
Helena FAA Flight Standards District Office.....(406) 449-5270  
NTSB (Seattle Field Office).....(206) 870-2200  
(After hours, call FAA ROC).....(425) 227-2000  
FAA Northwest Regional Accident Reporting.....(425) 227-1999  
(24 Hours)

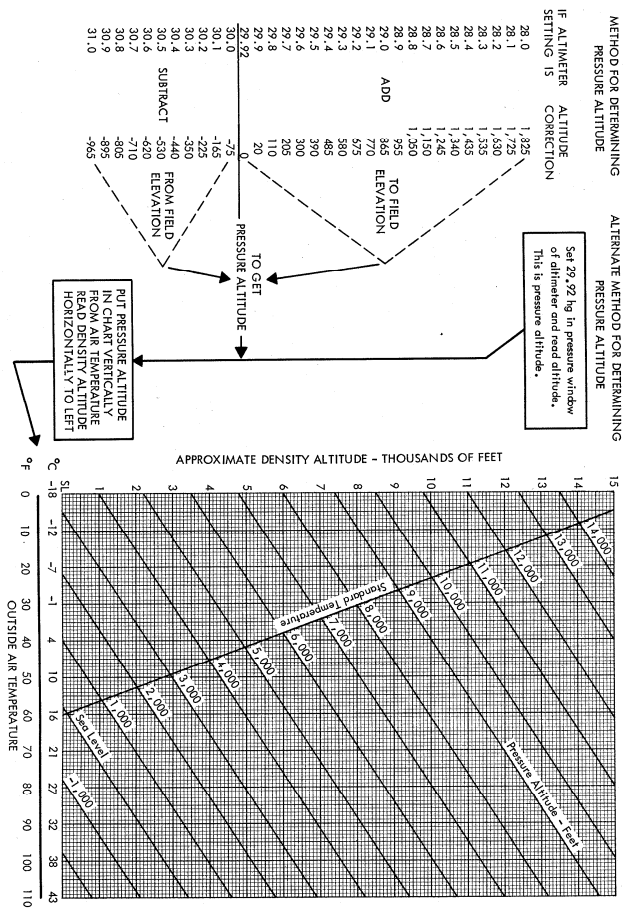
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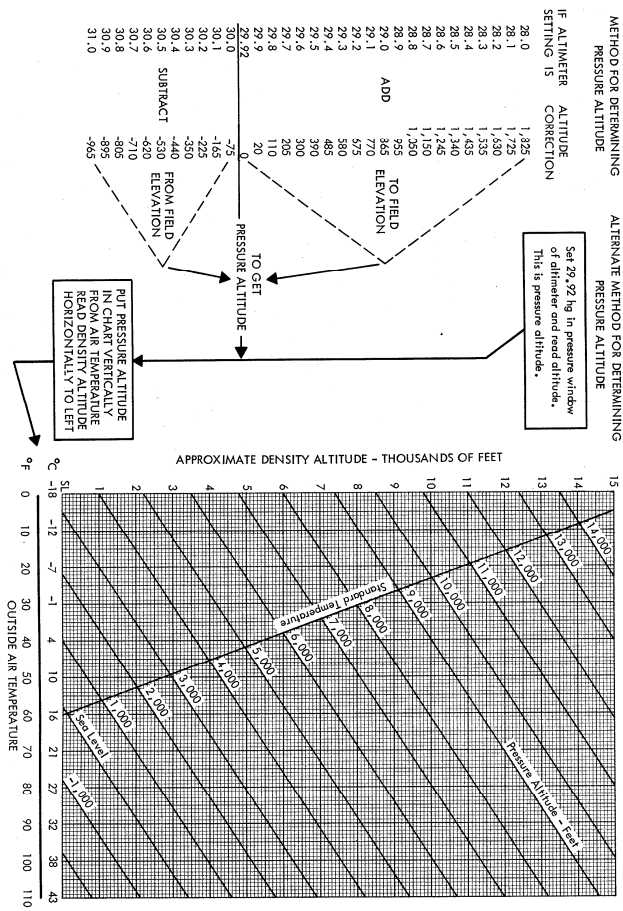
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FAA Northwest Regional Accident Reporting.....(425) 227-1999  
(24 Hours)



## Fuel Types

### Fuel Types and Their Abbreviations

- 100LL.....100 octane low lead gasoline (blue)
- Jet A.....Kerosene (freeze point -40°C.)
- Jet A1.....Kerosene (freeze point -50°C.)
- Jet A1+.....Kerosene with icing inhibitor (freeze point -50°C.)
- MOGAS.....Automobile gasoline



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### Time Conversion to GMT (Zulu)

Add the respective number of hours as shown below to the current time to obtain GMT (Zulu) time

EDT.....4	MDT(Summer).....6
EST.....5	MDT(Winter).....6
CDT.....5	PDT.....7
CST.....6	PST.....8

### Light Gun Signal Procedures For ATC

Signals from a portable traffic control light mean the following:

Color and type of Signal	On the Ground	In Flight
Steady Green	Cleared for take-off	Cleared for landing
Flashing Green	Cleared for taxi	Return for landing (to be followed by steady green at proper time)
Steady Red	Stop	Give way to other aircraft and continue circling
Flashing Red	Taxi clear of landing area (runway in use)	Airport unsafe – do not land
Flashing White	Return to starting point on airport	(No meaning)
Alternating Red and Green	Use extreme caution	Use extreme caution

### Morse Code and Phonetic Alphabet

Alfa	• —	Mike	— —	Yankee	— • — —
Bravo	— • • •	November	— •	Zulu	— — • •
Charlie	— • — •	Oscar	— — —	1	• — — — —
Delta	— • •	Papa	• — — •	2	• • — — —
Echo	• — •	Quebec	— — • —	3	• • • — — —
Foxtrot	• • — •	Romeo	• — •	4	• • • • —
Golf	— — •	Sierra	• • •	5	• • • • •
Hotel	• • • •	Tango	—	6	— • • • •
India	• •	Uniform	• • —	7	— — • • •
Juliet	• — — —	Victor	• • • —	8	— — — • •
Kilo	— • —	Whiskey	— —	9	— — — — •
Lima	• — • •	X-Ray	— • • —	0	— — — — —

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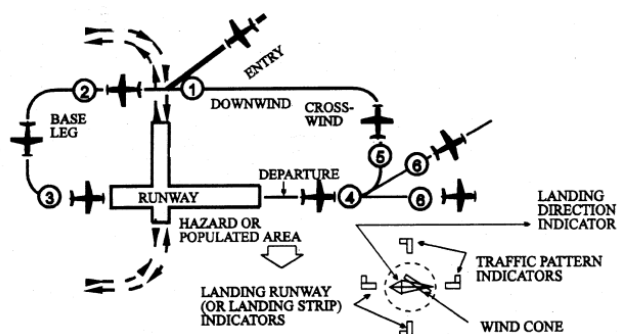
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Delta	— • •	Papa	• — — •	2	• • — — —
Echo	• — •	Quebec	— — • —	3	• • • — — —
Foxtrot	• • — •	Romeo	• — •	4	• • • • —
Golf	— — •	Sierra	• • •	5	• • • • •
Hotel	• • • •	Tango	—	6	— • • • •
India	• •	Uniform	• • —	7	— — • • •
Juliet	• — — —	Victor	• • • —	8	— — — • •
Kilo	— • —	Whiskey	— —	9	— — — — •
Lima	• — • •	X-Ray	— • • —	0	— — — — —

## Standard Left Traffic Pattern



### For Landings

- Enter pattern in level flight, abeam the midpoint of the runway, at pattern altitude.
- Maintain pattern altitude until abeam approach end of the landing runway, on downwind leg.
- Complete turn to final at least  $\frac{1}{4}$  mile from runway.

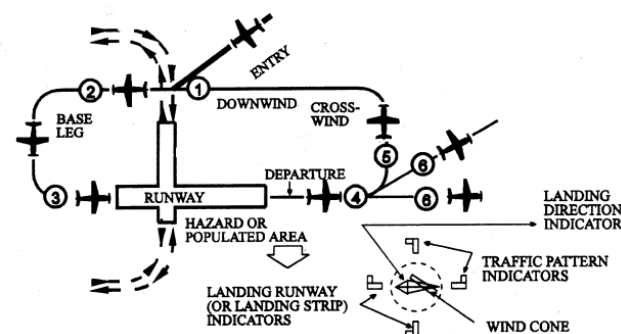
### For Take-Offs

- Continue straight ahead until beyond departure end of runway.
- If remaining in the traffic pattern, commence turn to crosswind leg beyond the departure end of the runway, within 300' below the traffic pattern.
- If departing the traffic pattern, continue straight out or exit with a 45° left turn beyond the departure end of the runway after reaching pattern altitude.

## Format for Issuing a Pilot Report

- |                  |                |
|------------------|----------------|
| 1. Local time    | 6. Temperature |
| 2. Altitude      | 7. Wind        |
| 3. Type Aircraft | 8. Turbulence  |
| 4. Sky Condition | 9. Icing       |
| 5. Visibility    | 10. Remarks    |

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### Montana Navigational Aids

<u>City</u>	<u>VOR &amp; Freq.</u>		<u>NDB &amp; Freq.</u>	
Baker			BKU	344
Billings	BIL	114.5	BI	251
Bozeman	BZN	112.4		
Broadus			BDX	335
Butte	CPN	111.6		
Chester			LTY	323
Choteau			CII	269
Circle			CRR	245
Conrad			CRD	293
Cut Bank	CTB	114.4		
Dillon	DLN	113.0		
Dubois (Idaho)	DBS	116.9		
Ennis			EKS	286
Eureka			EUR	392
Forsyth			FOR	236
Glasgow	GGW	113.9	MKR	339
Glendive			GDV	410
Great Falls	GTF	115.1	ITU	371
Harlowton			HWQ	242
Havre	HVR	111.8		
Helena	HLN	117.7	CVP	335
			HAU	386
Jordan			JDN	263
Kalispell	FCA	113.2	SAK	515
Lame Deer			LDF	348
Lethbridge (Canada)	YQL	115.7	QL	248
Lewistown	LWT	112		
Libby			LYI	414
Livingston	LVM	116.1		
Malta			MLK	272
Miles City	MLS	112.1	HTN	320
Missoula	MSO	112.8	INE	521
Mullan (Idaho)	MLP	117.8		
Plentywood			PWD	251
Roundup			RPX	362
Salmon (Idaho)	LKT	113.5		
Scobey			SCO	283
Shelby			SBX	347
Sheridan (Wyoming)	SHR	115.3		
Sidney			SDY	359
Spokane (Washington)	GEG	115.5	SFF	365
West Yellowstone (June - September only)			ESY	338
Whitehall	HIA	113.7		
Williston (N. Dakota)	ISN	116.3		
Wolf Point			OLF	404

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Baker			BKU	344
Billings	BIL	114.5	BI	251
Bozeman	BZN	112.4		
Broadus			BDX	335
Butte	CPN	111.6		
Chester			LTY	323
Choteau			CII	269
Circle			CRR	245
Conrad			CRD	293
Cut Bank	CTB	114.4		
Dillon	DLN	113.0		
Dubois (Idaho)	DBS	116.9		
Ennis			EKS	286
Eureka			EUR	392
Forsyth			FOR	236
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Glendive			GDV	410
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Harlowton			HWQ	242
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### Commercial Radio Station Frequencies

Location (City)	Call Sign	Freq. (khz)	Hours of Operation	Power(kw)	
				Day	Night
Anaconda	KANA	580	24 hours	1.00	
Baker	KFLN	960	0600 - 2200 Mon-Sat 0700 - 2100 sun	5.00 5.00	
Belgrade Billings	KGVV	640	24 hours	10.00	
	KGHL	790	24 hours	5.00	
	KBUL	970	24 hours	5.00	
	KBLG	910	24 hours	1.00	0.63
	KURL	730	24 hours	5.00	
Bozeman	KMZK	1240	24 hours	1.00	
	KMMS	1450	24 hours	1.00	
	KOBB	1230	24 hours	1.00	
	KBOZ	1090	24 hours	5.00	
Butte	KBOW	550	24 hours	5.00	
	KXTL	1370	24 hours	5.00	
Deer Lodge	KDRG	1400	24 hours	1.00	
Dillon	KDBM	1490	24 hours	1.00	
East Helena	KKGR	680	0600-2400	5.00	
Glasgow	KLTZ	1240	24 hours	1.00	
Glendive	KGLE	590	0500 - 2400	1.00	
	KXGN	1400	0600 - 2400	1.00	
	KEIN	1310	24 hours	5.00	1.00
Great Falls	KMON	560	24 hours	5.00	
	KQDI	1450	24 hours	1.00	
	KXGF	1400	24 hours	1.00	
	KLYQ	1240	24 hours	1.00	
Hamilton	KLYQ	1240	24 hours	1.00	
Hardin	KHDN	1230	24 hours	1.00	
Havre	KOJM	610	0500 - 2400	1.00	
Helena	KBLL	1240	24 hours	1.00	
	KGR	680	24 Hours	1.00	
	KCAP	1340	24 hours	1.00	
	KMTX	950	24 hours	5.00	
	KGEZ	600	24 hours	5.00	
	KOFI	1180	24 hours	50.00	
	KBSR	1490	24 hours	1.0	
Kalispell	KXLO	1230	24 Hours	1.00	
	KLCB	1230	0600 - 2200	1.00	
	KPRK	1340	24 hours	1.00	
Laurel	KATL	770	24 hours	10.00	1.00
	(Directional antenna at night)				
	KMTA	1050	24 hours	10.00	
	Missoula	KGVO	1290	24 hours	5.00
Lewistown	KYLT	1340	24 hours	1.00	
	KGRZ	1450	24 hours	1.00	
	KLCY	930	24 hours	5.00	
	KATQ	1070	0600 - 1800	5.00	
Plentywood	KERR	750	24 hours	50.00	1.00
Polson	KERR	750	24 hours	50.00	1.00
Shelby	KSEN	1150	0530 - 2400	10.00	
W. Yllwstn	KWYS	920	0600 - Sunset	1.00	
Whitefish	KJJR	880			
Wolf Point	KVCK	1450	24 hours	1.00	
Williston ND	KEYZ	660	24 hours	5.00	

**A-11**

### Commercial Radio Station Frequencies

Location (City)	Call Sign	Freq. (khz)	Hours of Operation	Power(kw)	
				Day	Night
Anaconda	KANA	580	24 hours	1.00	
Baker	KFLN	960	0600 - 2200 Mon-Sat 0700 - 2100 sun	5.00 5.00	
Belgrade Billings	KGVV	640	24 hours	10.00	
	KGHL	790	24 hours	5.00	
	KBUL	970	24 hours	5.00	
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Butte	KBOW	550	24 hours	5.00	
	KXTL	1370	24 hours	5.00	
Deer Lodge	KDRG	1400	24 hours	1.00	
Dillon	KDBM	1490	24 hours	1.00	
East Helena	KKGR	680	06:00-24:00	5.00	
Glasgow	KLTZ	1240	24 hours	1.00	
Glendive	KGLE	590	0500 - 2400	1.00	
	KXGN	1400	0600 - 2400	1.00	
	KEIN	1310	24 hours	5.00	1.00
Great Falls	KMON	560	24 hours	5.00	
	KQDI	1450	24 hours	1.00	
	KXGF	1400	24 hours	1.00	
	KLYQ	1240	24 hours	1.00	
Hamilton	KLYQ	1240	24 hours	1.00	
Hardin	KHDN	1230	24 hours	1.00	
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Helena	KBLL	1240	24 hours	1.00	
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	KMTX	950	24 hours	5.00	
	KGEZ	600	24 hours	5.00	
	KOFI	1180	24 hours	50.00	
	KBSR	1490	24 hours	1.0	
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**A-11**

## Airport Weather Reporting Facilities

(The area code for all phone numbers is 406 unless otherwise specified.)

Airport	Frequency	Phone Number	Notes
Anaconda	122.8	563-8275	3 clicks
Baker	135.475	778-3312	
Billings	ATIS	248-2773	
Bozeman	135.425	388-4882	
Butte	137.175	494-1870	
Chinook	118.35	357-3453	3 clicks
Conrad	122.8	617-262-3825	3 clicks
Cut Bank	119.025	873-2939	
Dillon	135.225	683-5470	
Ekalaka	122.9	617-262-3825	3 clicks
Ennis	119.85	617-262-3825	3 clicks
Eureka	118.375	889-3366	3 clicks
Fort Benton	122.8	622-5976	3 clicks
Glasgow	135.175	228-8294	
Glendive	135.075	687-3346	
Great Falls	ATIS	452-9844	
Hamilton	119.825	357-9149	3 clicks
Harlowton	122.9	617-262-3825	3 clicks
Havre	135.225	265-6638	
Helena	ATIS	443-4317	
Kalispell	135.275	756-8879	
Laurel	123.05	617-262-3825	3 clicks
Lewistown	118.375	538-2653	
Libby	118.375	293-4631	
Livingston	135.275	222-2338	
Malta	122.8	617-262-3825	3 clicks
Miles City	135.575	232-1465	
Missoula	ATIS	728-3743	121.9 afr twr clsd
Plains	118.1	617-262-3825	3 clicks
Red Lodge	122.725	446-0205	3 clicks
Ronan	122.8	617-262-3825	3 clicks
Roundup	122.8	617-262-3825	3 clicks
Scobey	122.8	617-262-3825	3 clicks
Sidney	119.275	482-7327	
Thompson Falls	122.8	617-262-3825	3 clicks
Three Forks	122.8	617-262-3825	3 clicks
Twin Bridges	122.8	617-262-3825	3 clicks
W. Yellowstone	118.1	646-7727	May be off winter
Wolf Point	118.325	653-3865	

**NOTE** - When receiving weather information from an AWOS/ASOS either by telephone or radio frequency, all wind directions are given in magnetic headings. When receiving a printed METAR report or receiving the AWOS/ASOS weather information from the flight service station, all winds are given in true headings.

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## Custom Services Available at Listed Airports

### Butte, Bert Mooney

LRA

Un-staffed location, serviced from Helena. Two hours advance notice and permission to land is required, and strictly enforced. Available Monday through Friday 0800-1700, closed Saturday, Sunday and Holidays. Call 406-495-2195 to arrange for CBP services.

### Cut Bank, Cut Bank

AOE

Un-staffed location, serviced from Sweetgrass. Two hours advanced notice is required and strictly enforced. Available "on-call" 7 days a week. Call 406-335-9610 to arrange for CBP services.

### Del Bonita, Whetstone International Airport

LRA LB

Unpaved landing strip, serviced from nearby Del Bonita Port of Entry. One hour advance notice and permission to land is required. Available "on call" 7 days a week; but may be unavailable due to local conditions. Call 406-336-2130 to arrange for CBP services and determine conditions. NOTE: runway straddles the international border, taxi to U.S. side and park for CBP clearance.

### Great Falls, Great Falls International

AOE

Full service CBP location. One hour advance notice is required. Available 7 days, normal business hours 0800-1600, after hours by firm appointment. Call 406-453-0861 to arrange for CBP services.

### Helena, Helena Regional

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Limited service CBP location. Two hours advance notice and permission to land is required. Available Monday through Friday 0900-1700, closed Saturday, Sunday and Holidays. Call 406-495-2195 to arrange for CBP services.

### Kalispell, Glacier Park International

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Full service CBP location. One hour advance notice and permission to land is required. Available Monday through Friday 0900-1700, normally closed Saturday, Sunday and holidays, but after hours may be available by firm appointment. Call 406-257-7034 to arrange for CBP services.

### East Poplar, Scobey Port of Entry

LRA LB

Unpaved landing strip, serviced from nearby Scobey Port of Entry. One hour advance and permission is required. Available "on-call" 7 days a week; but may be unavailable due to local conditions, Call 406-783-5375 to arrange for CBP services and determine conditions.

### Sweetgrass, Ross International

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## IMPORTANT CHANGES:

Customs and Border Protection now requires pilots or their designees to transmit electronically via the Electronic Advance Passenger Information System (eAPIS) no later than the following information for private aircraft flights arriving from or departing to a foreign place:

- Traveler manifest information for each individual traveling on board the aircraft;
- Notice of arrival information, and/or;
- Notice of departure information.

The data must be received by CBP no later than 60 minutes prior to departure of the aircraft.

Pilots must file a Flight Plan with FAA for international travel, and may continue to place "ADCUS" (Advise Customs) in their remarks. However, ADCUS no longer meets CBP's advance notice requirements and may not substitute for filing eAPIS and making arrangements with the intended airport of arrival.

Pilots still must call CBP at the intended airport of arrival to be sure that a CBP Officer will be available at the requested arrival time, to make arrangements for after hours service, and to obtain permission to land (when applicable). Not all CBP airports of entry are staffed, and officers may respond from another location to meet arrivals; CBP must receive sufficient advance notice to enable officers to respond in time to meet the aircraft.

The CBP form 178 is obsolete and is no longer used, and faxed transmissions are no longer acceptable.

The eAPIS website is available at <https://eapis.cbp.dhs.gov> and will provide private pilots with all the tools necessary to comply with the rule. Private pilots or their designees may enroll in eAPIS immediately and establish an account. Account number and passwords should be received within five business days of the enrollment request. For complete information on how to use eAPIS there is an online tutorial available at <http://apps.cbp.gov/eAPIS-pa/>.

**AOE:** Refers to a designated airport of entry.

**LRA:** Refers to a Landing Rights Airport, where you must obtain advance permission from CBP to land.

**LB:** Refers to a Land Border Airport, which is usually a small airstrip associated with a Port of Entry. The runways at these locations are usually unimproved turf or gravel and may harbor hazardous or unusual conditions. Normally they are not lighted and should be used during daylight hours only. Pilots should be familiar with local conditions before attempting to use these locations; often they are available strictly on a seasonal basis because of snow or mud.

**CANPASS:** Refers to Canadian automated arrival system and they can be reached by calling CANPASS (1-888-226-7277). The U.S. equivalent, called GATE was discontinued after 9/11.

**NEED HELP?** Call CBP at Great Falls International Airport, 406-453-0861. Also look for the Guide for Private Flyers on CBP web site under the TRAVEL tab:  
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**REPORT AIR SMUGGLING!** Call CBP's Air Marine Operations Center to report suspicious aircraft at 1-866-AIRBUST (1-866-247-2878).

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## Mountain Flying Tips

### General items

- Make sure that your proficiency level and your aircraft meet the special demands of your planned flight.
- If you are not sure of your capabilities, take some dual instruction from a flight instructor experienced in mountain flying.
- Keep your aircraft as light as possible.
- Be familiar with your planned route of flight and destination airport. Check the field conditions with FSS or experienced local pilots. Familiarize yourself in advance with the field length, elevation, and any special approach/departure procedures.
- Obtain a thorough weather briefing. A forecast of marginal VFR frequently translates to IFR in the mountains.
- Plan your trip for early morning or evening hours. Turbulence and density altitude are usually greatest from 10:00 am to 6:00pm.
- Stay out of the mountains if the forecast winds aloft exceed 25 knots below 12,000 MSL. The wind velocity can double in vicinity of mountain passes and canyons. Never fly up a blind or narrow canyon.
- Mountain winds follow contours much like a stream. The air on the lee (downwind) side of a mountain may be extremely turbulent. Fly on the upwind side of a canyon whenever possible.
- Cross-check your instruments and attitude indicator frequently. Visual horizons in the mountains may be illusory.
- Maintain your airspeed in downdrafts; don't panic. Be able to turn to lower terrain at all times.
- Approach ridges at a 45-degree angle. If caught in a downdraft, you must be able to turn away toward lower terrain.
- Be courteous to those on the ground who are enjoying a wilderness experience. Maintain sufficient altitude - 2,000 AGL is suggested over wilderness area.
- Plan your trip over valleys as much as possible.
- Carry a good survival kit and familiarize yourself with its use.

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## Landings

- Transmit in the blind on 122.9 MHz at non-Unicom airstrips and announce your intentions.
- A good check out and personal knowledge of conditions existing at "non-standard" airports/airstrips is essential to a safe operation. Some mountainous airstrips are, or should be, considered "one way". Although normally we are taught to land uphill, there are a number of airstrips where downhill/downstream landings are safer. A go-around must always be considered. Wet grass reduces braking action and most mountain airstrips are short.
- Control your rate of descent with power. Maintain a stable airspeed (generally the short field approach speed listed in your aircraft operations manual).
- Before beginning your approach, circle your intended destinations to ensure that the field is clear of other aircraft, livestock, wildlife, etc.
- Abort your approach if the air becomes too turbulent on your let down. Avoid low altitude maneuvering. Be alert for animals on the runway.

## Take-Off

- **Check density altitude!** (If take-off performance for your aircraft is questionable, wait until evening or early morning when the air is cool.)
- Remember that tall grass or soft field conditions can add considerably to your take-off distance.
- Choose a go, no-go point on the runway. If not airborne at that point, abort the take-off and wait for better conditions.
- Take-off downstream (downhill) whenever possible. Avoid taking off toward rising terrain.

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## **Survival**

Immediately after an emergency landing, exit the aircraft if at all possible. Check for injuries. Give only temporary first-aid and carefully removal those with serious injuries.

Stay away from the aircraft, if possible, until engines have cooled and spilled gasoline has evaporated.

After occupants are all out and a safe distance from the aircraft, reevaluate injuries and administer first-aid as necessary.

If the weather is adverse, make or find temporary shelter.

Evaluate your location dangers: fire, sliding, rockslides, avalanche, terrain, weather.

Stay near the aircraft if at all possible. It contains the basic ingredients for warmth, shelter and signaling materials.

Turn on or make sure that your ELT is on.

Signal for help. Do not neglect your aircraft radio. It's possible it may still be operational. Turn on squelch and volume and key the mike. If the results are positive, listen on local or ATC frequency. When you hear a transmission transmit "MAYDAY-MAYDAY". If you should hear a jet, transmit on 121.5. All airlines and military aircraft monitor 121.5. If you do not hear any transmissions go ahead and transmit in the blind on this frequency. Limit your transmissions to about one every 15 minutes. Transmitting places considerably more drain on the battery than receiving. If both your ELT and radio are working, you will hear the ELT signal when listening on 121.5. It may be necessary to turn the ELT off when transmitting or listening on 121.5. (Don't forget to turn the ELT back on!)

If the weather is cold or wet you don't spend too much time trying to signal. Your prime effort must be directed toward conserving the energy you have.

The wings, rudder, etc., all may be used to make a shelter. Keep this shelter as small as possible to lessen the area your body must heat. Insulate shelters with boughs, bark, tarps, maps, etc. Use anything to keep the rain from getting inside your shelter. Body heat loss is energy loss.

Your aircraft can fulfill most of your basic needs if you improvise. Think basic needs: shelter (cover), warmth (fabric), tools (metal). Maps, newspaper, engine cover, plastic tarps all make excellent emergency bedding.

Build a fire, if possible. Don't forget that the aircraft gasoline is a valuable resource in starting a fire when Only wet wood is available. Caution must be used when using gasoline. Soak or pour gasoline on wood but be sure container is out of reach when igniting the wood

## **Survival**

Immediately after an emergency landing, exit the aircraft if at all possible. Check for injuries. Give only temporary first-aid and carefully removal those with serious injuries.

Stay away from the aircraft, if possible, until engines have cooled and spilled gasoline has evaporated.

After occupants are all out and a safe distance from the aircraft, reevaluate injuries and administer first-aid as necessary.

If the weather is adverse, make or find temporary shelter.

Evaluate your location dangers: fire, sliding, rockslides, avalanche, terrain, weather.

Stay near the aircraft if at all possible. It contains the basic ingredients for warmth, shelter and signaling materials.

Turn on or make sure that your ELT is on.

Signal for help. Do not neglect your aircraft radio. It's possible it may still be operational. Turn on squelch and volume and key the mike. If the results are positive, listen on local or ATC frequency. When you hear a transmission transmit "MAYDAY-MAYDAY". If you should hear a jet, transmit on 121.5. All airlines and military aircraft monitor 121.5. If you do not hear any transmissions go ahead and transmit in the blind on this frequency. Limit your transmissions to about one every 15 minutes. Transmitting places considerably more drain on the battery than receiving. If both your ELT and radio are working, you will hear the ELT signal when listening on 121.5. It may be necessary to turn the ELT off when transmitting or listening on 121.5. (Don't forget to turn the ELT back on!)

If the weather is cold or wet you don't spend too much time trying to signal. Your prime effort must be directed toward conserving the energy you have.

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## Survival Continued

Paper such as charts can also aid in getting a fire started. However, do not burn your charts for firewood. Paper makes an excellent insulation for bedding, clothing and shelter. Note: Pre-plan building a fire. Have an adequate amount of wood gathered to keep the fire going for a length of time prior to lighting.

In cold weather, insulation and upholstery from the craft make excellent material for overshoes, sleeping bags, mittens, hats, and ground insulation. Sew them together with salvaged aircraft wire. Put plastic side out for better wetness protection.

If running water is not readily available, melt snow or ice in improvised pot, or squeegee dewdrops from aircraft surfaces. Place a sheet of plastic flat on the ground so that it may collect dew or condensation. If it is raining, place plastic sheet in ground depression to collect water.

Keep your signal fire burning all the time. Smoke and firelight can be seen from great distances. Both air and ground searchers will be looking for them.

Aircraft should be made **visible from the air**, if possible. Clear brush, cut trees, etc. Be prepared to make signals as aircraft approach your area. Keep the mirror handy if the sun is shining. Practice its use.

Get your emergency signaling devices ready and have signal equipment handy. Every possible effort must be made to attract searchers to your location by signals and to sustain life and energy until assistance arrives.

Colored panels can tell a message. Pile brush in SOS. Stamp large, two-foot-wide letters SOS in the snow. Fill stamped marks with boughs or small brush.

Clear windows make a fair emergency mirror. **Signals make you effectively bigger.**

**Caution:** Survival will depend greatly upon your state of mind. Psychological discipline is a must. You must sustain life until rescued. Remain calm! Think!

### Example Survival Kit

Compass	Knife
Tool Kit (small, lightweight)	50' 1/8" nylon rope
First-Aid kit	Garbage sacks
Food (freeze dried, candy bars, etc)	Fish hooks, sinkers and line
Disposable space blankets	Can opener, sierra cup
Lightweight folding saw	waterproof fire starter
Waterproof matches and lighter	Sterno fuel and candle
Signaling devices or flares	pad and pencil
Mirror, small flashlight	Parka and sleeping bag
Gun and ammo	Canteen with water

**A-18**

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Mirror, small flashlight	Parka and sleeping bag
Gun and ammo	Canteen with water

**A-18**

## Montana Fixed Base Operators

<b>Baker</b>	Baker Air Service	B 778-3508
	Roger Meggers	R 778-2976
<b>Big Timber</b>	Yellowstone Air Service	B 932-4389
	Justin Ferguson	R 932-4389
<b>Billings</b>	Aerotronics	B 259-5006
	Steve Vold	R 245-8862
	Edwards Jet Center	B 252-0508
	Cliff Edwards	
	MAC Aircraft Engines & Propellers	B 373-6554
	Tim McGinnis	R 373-6554
<b>Bozeman</b>	Arlin Aircraft Service Inc.	B 388-1351
	Arlin Wass	R 388-1351
	Yellowstone Jet Center	B 388-4152
		800-700-5381
<b>Butte</b>	Butte Aviation	B 494-6694
	Eugene Hughs	R 494-6694
<b>Chester</b>	AG Air	B 759-5191
		R 759-5824
	Frontier Aviation	B 759-5431
<b>Chinook</b>	Hebbleman Flying Service	B 357-4233
	John Hebbelman Jr.	R 357-4233
	Obie Flying Service	B 357-2429
	Egar Obie	R 357-2816
<b>Chouteau</b>	Three Rivers Aircraft Management Services	B 466-3781
	Mark Scharf / Walter Kingsley	
<b>Circle</b>	Circle Aviation	B 485-2481
	Jeff Skyberg	R 485-2481
<b>Columbus</b>	Rickman Aircraft	B 322-5974
	Allen Rickman	R 328-4375
<b>Conrad</b>	Minuteman Aviation	B 278-7571
	Mark Mamuzich	R 278-7571
<b>Dillon</b>	Dillon Flying Service	B 683-5242
	Dennis Lonnevik	R 683-5242

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	Allen Rickman	R 328-4375
<b>Conrad</b>	Minuteman Aviation	B 278-7571
	Mark Mamuzich	R 278-7571
<b>Dillon</b>	Dillon Flying Service	B 683-5242
	Dennis Lonnevik	R 683-5242

<b>Ferndale</b>		
Poorman Aviation	B 837-1150	
Bob Colby	R 837-1150	
<b>Fort Benton</b>		
Taylor Aviation	B 622-5682	
Andy Taylor	R 622-5682	
<b>Gardiner</b>		
Sagebrush Aero	B 848-7539	
Bill Chapman	R 848-7794	
<b>Glasgow</b>		
Prairie Aviation	B 228-4023	
Steve Stanley	C 263-9336	
<b>Glendive</b>		
Dawson Co. Airport	B 687-3372	
Leon Baker		
<b>Great Falls</b>		
Front Range Aviation	B 727-0663	
Mike Cunningham	R 781-7242	
Holman Aviation	B 453-7613	
Dwight Holman	R 453-7613	
<b>Hamilton</b>		
North Star Aviation	B 363-6471	
Leland Blatter		
Willow Aviation	B 369-1080	
<b>Havre</b>		
Havre Flying Service	B 265-4326	
Brian Moore	R 265-7939	
<b>Helena</b>		
Exec Air	B 442-2190	
John Maxness Dan Norhton	R 442-2190	
Helena Aircraft	B 442-8360	
Jerry Gresens		
Vetter Aviation	B 443-0066	
Brent Vetter	R 443-0066	
<b>Jordan</b>		
Air Specialties	B 557-2552	
Rod Weeding	R 557-2552	
<b>Jordan (Ft. Peck Lake)</b>		
Hell's Creek Marine	B 557-2345	
<b>Kalispell (City Field)</b>		
Diamond Aire	B 752-5092	
Red Eagle Aviation	B 755-2376	
Rachel Martin		
<b>Kalispell (Glacier Park Int'l)</b>		
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Patty Ashby		
Glacier Jet Center	B 755-5362	
Rocky Mountain Aircraft Service	B 752-5810	
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**Lakeside (Somers)**

Kruger Helicopter B 857-3893  
James W. Kruger R 857-3893

**Laurel**

Northern Skies Aviation Inc. B 628-2219  
Kent W. Potter R 628-2219

**Lewistown**

Central Air Service B 535-3767  
Bill Rogers R 535-3767  
Newton Aviation B 538-8150  
Don Newton R 538-8150

**Libby**

Mountain West Flying B 293-9776

**Livingston**

Yellowstone Air Service B 222-6504  
Russell Ferguson R 222-6504

**Malta**

Hitch Aviation B 654-1143  
Dixon Hitch R 654-1143

**Miles City**

Miles City Airport B 234-1296  
Lon Aire B 232-1354

**Missoula**

Aerotrionics B 728-7830  
Jon Paul DeLucca R 728-7830  
Minuteman Aviation B 728-9363  
Jerry Mamuzich R 728-9363  
Northstar Jet B 721-8886

**Poplar**

Dallas Aero B 768-3800  
Dallas O'Connor FAX 768-3801

**Polson**

Ronan Aviation / Lake Aero B 883-2482

**Scobey**

Trower Aviation B 487-2725  
Charles Trower

**Shelby**

Larson Flying Service B 434-2462  
Jerry Larson

**Sidney**

Richland Aviation B 482-1832  
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Sidney Air Service, Inc. B 488-4031  
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**Stevensville**

Bitterroot Aviation B 777-0409

Leading Edge Planes and Propellers B 777-3081

Chris Jackson

Western MT Aviation B 777-2401

**Turner**

SES Aviation B 379- 2508

Off Airport

**Three Forks**

Headwaters Flying Service B 285-3006

Cody Folkvord

C 439-4179

**Townsend**

Aircrafters B 980-0680

Russ Voorhees

**Twin Bridges**

Ruby Valley Aviation B 684-5335

Mike Floyd

**Valier**

Solo Air B 279-3342

**West Glacier**

Minuteman Aviation Glacier Heli-Tours B 387-4141

**West Yellowstone (Summer Only)**

Yellowstone Aviation B 646-7359

**Wolf Point**

Newmont Weed Busters B 653-1740

Kendall Johnson

**Stevensville**

Bitterroot Aviation B 777-0409

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## How to Obtain Permission to Use a U.S. Forest Service Permit Only Airstrip (Restricted Public Use)

There are a significant number of airstrips owned by the U.S. Forest Service that are restricted public use airports. These airports are usually unimproved, backcountry turf strips. In order to use one of these airstrips, you need to obtain a USFS Special Use Permit Application (form FS 2720-3). These are available at any USFS office. Once the form is completed, it needs to be sent to the appropriate district ranger. The district ranger then approves or denies the request. The decision is not subject to appeal. Examples of restricted airstrips that are owned by the USFS are the Wurtz and Saunderson airstrips located on the North Fork of the Flathead river. For further information, contact the USFS at 406-758-5260.

### Seaport Regulation Information

#### Federal Regulations

##### U.S. Army Corps of Engineers

###### Seattle District -206-764-3742

Libby Dam (Lake Koocanusa) OPEN, 24-hr. mooring, 500' from occupied public sites, 500' from dam

###### Omaha District - 402-995-2082

Fort Peck OPEN, obtain map of restricted areas from corps. (Ask for latest edition, some new restrictions have been charted).

##### U.S. Forest Service

###### Beaverhead National Forest-406-683-3900

Closed to Seaplanes.

###### Bitterroot National Forest-406-363-7100

No seaplane restrictions.

Lake Como No seaplane restrictions.  
Painted Rock Lake No seaplane restrictions.

###### Custer National Forest-406-657-6200

No bodies of water within the boundaries of this Forest that could support seaplane operations. Cedar River and Grand River Grasslands cannot support seaplane operations

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**Deerlodge National Forest-406-496-3900**

Delmore Lake CLOSED to motor craft greater than 25-hp  
Homestake Lake CLOSED to all motorized craft  
Lowland Lake Closed to all gasoline motors

All waters in the Anaconda Pintlar Wilderness Areas closed to motorized use.

**Flathead National Forest-406-758-5208**

Lakes in Bob Marshall, Great Bear and Mission Mountains Wildernesses and the Jewel Basin Hiking Area closed to motorized vehicles and equipment, as are segments of the Flathead River System that have been designated Wild and Scenic.

The following bodies of water are OPEN:

Hungry Horse Res. Lindberg Lake Holland Lake  
Tally Lake Bitterroot Lake

**Gallatin National Forest-406-587-6701**

No seaplane restrictions.

**Helena National Forest-406-499-5201**

No seaplane restrictions.

**Kootenai National Forest - 406-293-6211**

Lakes and reservoirs within the Kootenai National Forest Boundary are generally open to seaplane landings with the exception of Cabinet Mountain Wilderness.

**Lewis and Clark National Forest-406-791-7700**

Crystal Lake CLOSED to internal combustion engines

Forest Lake CLOSED to internal combustion engines

**Lolo National Forest-406-329-3750**

Most bodies of water in the forest are too small to land seaplanes.

**State and Local Regulations**

**Aeronautics Division, Department of Transportation**

**Helena-406-444-2506; FAX 406-444-2519**

No state seaplane regulations. Contact Jim Greil for more info.

Many water bodies in the state have restrictions on motorized vessels or require that no-wake operation speeds be maintained at all times. In these areas seaplane operations would not be allowed. Contact the local Montana Fish, Wildlife and Parks office for information regarding specific operational restrictions on Montana lakes.

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## Seaplane Landing Areas

(Many areas are private use facilities)  
(Prior notice is recommended)

**Chester** Lake Elwel 19 mi. SW of city. **Telephone:** 800-869-8422. **Transportation:** Courtesy Car. **Food:** Available. **Fuel:** Auto fuel by fuel truck from Tiber Marina, NE shore of lake. **Notes:** Additional phone: 406-759-5200. Showers & RV hookups available. Frontier Aviation, Joe Fenger, 406-759-5431.

**Dillon** Beaverhead Marina & Park SPB **Location:** Clark Canyon Reservoir, 20 Mi. S of city. **Telephone:** 406-683-5556. **Hours Attended:** Daily. **Mooring Facilities:** Docking. **Food:** Buffalo Lodge 683-5535.

**Ft. Benton** Lohse Air Spray **Location:** Missouri River. **Telephone:** 406-622-3323. **Fuel:** Need can to haul 100LL fuel from airport. **Notes:** Land on Missouri River E of bridges, dock at city park dock and ramp. Call airport for transportation and fuel. Not updated.

**Jordan** Hell's Creek Marina SPB. **Location:** Ft. Peck Lake, 25 mi. N of city. **Telephone:** 406-557-2345. **Hours Attended:** 7am-9pm. **Mooring facilities:** Docking; Ramp. **Food:** Available on site. **Lodging:** Available on site. **Camping:** Available on site. **Notes:** Emergency use only.

**Libby** Kooicanusa Lake Resort & Marina **Telephone:** 406-293-7548. **Food:** Café. **Lodging:** Cabins. **Camping:** Available. **Fuel:** Auto at dock; 100LL available from Libby Airport. **Credit Cards Accepted:** Yes. **Notes:** Sheltered cove on very long lake. Not updated.

**Miles City** Yellowstone River **Fuel:** Call 123.0 or 406-232-1021 (Falcon Aviation) For delivery. **Notes:** Rocky, approach with care, very shallow. Be prepared to carry gas in cans. Not recommended if you want to preserve floats. Not updated.

**Polson** (8S1) Lake Aero SPB **Location:** Flathead River,.5mi. SW of city. **Coordinates:** NO47°-42.7'; W114°-11.1'. **Waypoint:** 8S1 112.8. **Telephone:** 406-883-2482 & 406-883-5299. **Hours attended:** 8:00am to 6pm. **Elevation:** 2925'. **Pattern altitude:** 4000'. **Landing lanes:** 18-36-500'x 300' **Obstructions:** Rocks on E. shoreline. **Mooring facilities:** Dock, Windsock, Beaching; Pullout. **Frequencies:** Unicom 122.8. **Sectional:** Great Falls. **Transportation:** Rental cars and taxi. **Food:** Qua-Tuk-Nuk; Lake City Bakery; McDonald's; El Rancho; China Gate. **Lodging:** Super 8, 883-6251; Qua-Tuk-Nuk, 800882-6263; Port Polson, 883-5385 within 1-2 miles. **Camping:** available on field. **Local attractions:** Flathead Lake; Glacier National Park; National Bison Range; Big Mountain Ski Resort within 75 mi. **Services:** Repairs; Flight instruction; Automobile & aircraft rental. **Fuel:** (delivered on call) Jet A; 100LL. **Credit Cards accepted:** All types.

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(Many areas are private use facilities)  
(Prior notice is recommended)

**Chester** Lake Elwel 19 mi. SW of city. **Telephone:** 800-869-8422. **Transportation:** Courtesy Car. **Food:** Available. **Fuel:** Auto fuel by fuel truck from Tiber Marina, NE shore of lake. **Notes:** Additional phone: 406-759-5200. Showers & RV hookups available. Frontier Aviation, Joe Fenger, 406-759-5431.

**Dillon** Beaverhead Marina & Park SPB **Location:** Clark Canyon Reservoir, 20 Mi. S of city. **Telephone:** 406-683-5556. **Hours Attended:** Daily. **Mooring Facilities:** Docking. **Food:** Buffalo Lodge 683-5535.

**Ft. Benton** Lohse Air Spray **Location:** Missouri River. **Telephone:** 406-622-3323. **Fuel:** Need can to haul 100LL fuel from airport. **Notes:** Land on Missouri River E of bridges, dock at city park dock and ramp. Call airport for transportation and fuel. Not updated.

**Jordan** Hell's Creek Marina SPB. **Location:** Ft. Peck Lake, 25 mi. N of city. **Telephone:** 406-557-2345. **Hours Attended:** 7am-9pm. **Mooring facilities:** Docking; Ramp. **Food:** Available on site. **Lodging:** Available on site. **Camping:** Available on site. **Notes:** Emergency use only.

**Libby** Kooicanusa Lake Resort & Marina **Telephone:** 406-293-7548. **Food:** Café. **Lodging:** Cabins. **Camping:** Available. **Fuel:** Auto at dock; 100LL available from Libby Airport. **Credit Cards Accepted:** Yes. **Notes:** Sheltered cove on very long lake. Not updated.

**Miles City** Yellowstone River **Fuel:** Call 123.0 or 406-232-1021 (Falcon Aviation) For delivery. **Notes:** Rocky, approach with care, very shallow. Be prepared to carry gas in cans. Not recommended if you want to preserve floats. Not updated.

**Polson** (8S1) Lake Aero SPB **Location:** Flathead River,.5mi. SW of city. **Coordinates:** NO47°-42.7'; W114°-11.1'. **Waypoint:** 8S1 112.8. **Telephone:** 406-883-2482 & 406-883-5299. **Hours attended:** 8:00am to 6pm. **Elevation:** 2925'. **Pattern altitude:** 4000'. **Landing lanes:** 18-36-500'x 300' **Obstructions:** Rocks on E. shoreline. **Mooring facilities:** Dock, Windsock, Beaching; Pullout. **Frequencies:** Unicom 122.8. **Sectional:** Great Falls. **Transportation:** Rental cars and taxi. **Food:** Qua-Tuk-Nuk; Lake City Bakery; McDonald's; El Rancho; China Gate. **Lodging:** Super 8, 883-6251; Qua-Tuk-Nuk, 800882-6263; Port Polson, 883-5385 within 1-2 miles. **Camping:** available on field. **Local attractions:** Flathead Lake; Glacier National Park; National Bison Range; Big Mountain Ski Resort within 75 mi. **Services:** Repairs; Flight instruction; Automobile & aircraft rental. **Fuel:** (delivered on call) Jet A; 100LL. **Credit Cards accepted:** All types.

(Cont'd)

**Seeley Lake** (M35) Lindey's Landing West SPB **Location:** Seeley Lake, 1 mi. NW of city. **Coordinates:** NO47°-10.5'; W113°-28.8'. **Telephone:** 406-677-9229. **Hours attended:** Daylight, June-Sept; Unattended, Oct-May. **Elevation:** 3,993'. **Landing Lanes:** 12-30; 14,000x1,000. **Mooring Facilities:** Docking. **Frequencies:** Unicom 122.9. **Sectional:** Great Falls. **Weather:** 406-671-7110.

**Somers** Flathead Lake **Telephone:** 406-257-o7678. **Transportation:** Rental car. **Fuel:** 100LL. Owner will bring fuel to marina. **Notes:** Not updated.

**Whitefish** Stillwater Landing SPB **Location:** Lower Stillwater Lake, 12 mi. NW of city. **Coordinates:** NO 48°-52.2'; W114°-34.5'. **Waypoint:** FCA 108.4 303□ 25 mi. **Telephone:** 406-881-2553. **Hours Attended:** Seasonal. **Elevation:** 2,780'. **Pattern Altitude:** 3,800'. **Mooring Facilities:** Beaching; Docking. **Sectional:** Great Falls. **Food:** Grouse Mountain Lodge 10 mi. 862-3000; Comfort Inn 12 mi. **Camping:** on site: **Local Attractions:** Big Mount Ski Area 12 mi.; Glacier National Park 35 mi.

**Wolf Point** Missouri River **Fuel:** Available via truck from French Aviation, 406-653-1740. **Notes:** Located 3 mi. s of airport. Dock is 1/4 mi. W of bridge. Two power lines W of the bridge, swift current, water level fluctuates. Not updated.

Seaplane Pilots

The Aeronautics Division receives numerous inquires regarding seaplane operation and availability information, for further Seaplane pilots association representatives call:

Bob Kimball (406) 745-0906

Or

<http://www.stillwaterlanding.com/mspa.htm>

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## VOR Receiver Check Points

Airport Freq/ld	Alt.	Deg.	Dist.	Remarks
<b>Billings</b>				
114.5/BIL	5000'	199	10.5	Over refinery at Laurel
<b>Bozeman</b>				
112.4/BZN	Ground	272	0.5	Txwy. at apch. end rwy. 12
112.4/BZN	Ground	137	1.0	Run up at apch. end rwy. 30
<b>Butte</b>				
111.6/CPN	6600'	98	11.5	Over intersection of rwys. 11/29 and 15/33
<b>Dillon</b>				
113.0/DLN	7000'	245	5.0	Over letter "B" on bluff
<b>Great Falls</b>				
115.1/GTF	Ground	30	2.3	Between Taxiways A5 and A6
115.1/GTF	Ground	30	2.9	South of Taxiway A3
<b>Havre</b>				
111.8/HVR	4000'	278	8	Over Dam
<b>Helena</b>				
117.7/HLN	Ground	236	0.7	On txwy. E midway between Txwy. C and rwy. 27
<b>Kalispell</b>				
108.4/FCA	4000'	316	6.4	Over apch. end of rwy. 30
<b>Lewistown</b>				
112.0/LWT	5200'	75	5.4	Over apch. end rwy. 07
<b>Livingston</b>				
116.1/LVM	6500'	234	5.5	Over Northern most radio tower Northeast of city
<b>Miles City</b>				
112.1/MLS	Ground	36	4.2	On txwy. leading to rwy. 30
<b>Missoula</b>				
112.8/MSO	Ground	343	0.6	On edge of ramp in front of administration building

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## Parachute Jumping Areas

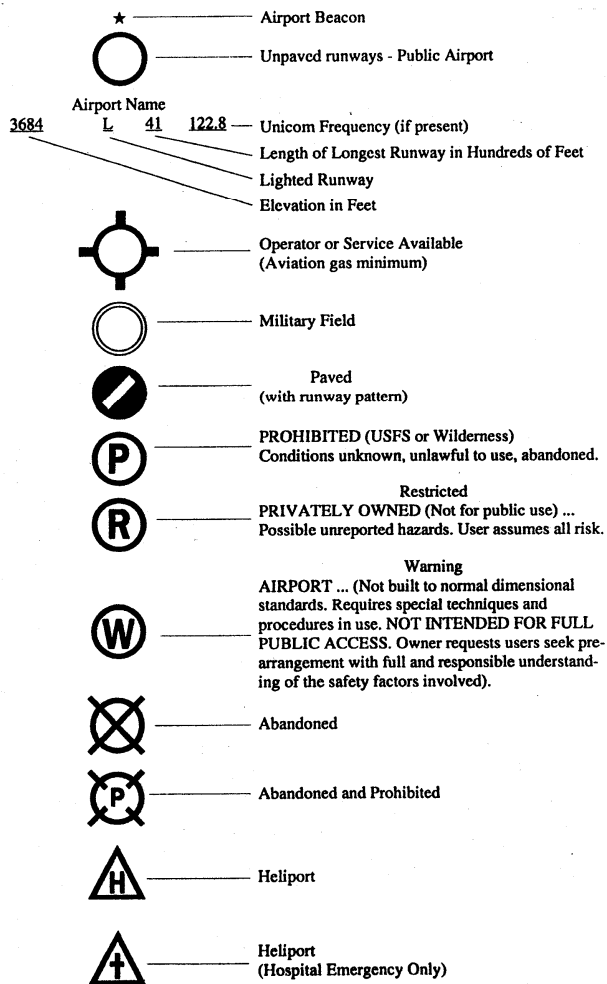
<i>Location</i>	<i>Distance and radial from nearest VOR</i>	<i>Maximum Altitude</i>	<i>Remarks</i>
<b>Bozeman</b>			
1 nm, 038°, BZN	15,000	2 nm radius, SR-SS daily	
<b>Butler Creek</b>			
19 nm, 296°, MSO	2,000 AGL	0.5 nm radius, occasional use	
<b>Dornblazer Field</b>			
5.2 nm, 120°, MSO	12,500 AGL	0.5 nm radius, occasional use	
<b>Grant Creek</b>			
1.5 nm, 053°, MSO	12,500 AGL	0.5 nm radius, occasional use	
<b>Helena, Fort Harrison</b>			
6 nm, 265°, HLN	12,000	1 nm radius, Wed-Sun, SR-SS	
<b>Kalispell</b>			
6 nm, 227°, FCA	14,000	1 nm radius, 0900-SS daily	
<b>Kalispell, Carson Field Airport</b>			
28 nm, 238°, FCA	14,000	2 nm radius, 0800-SS daily	
<b>Kalispell, City Airport</b>			
6 nm, 230°, FCA	14,000 AGL	2 nm radius, 0800-SS daily	
<b>Laurel Municipal Airport</b>			
9 nm, 208°, BIL	14,500	2 nm radius, daily SR-SS	
<b>Livingston, Mission Field</b>			
1 nm, 010°, LVM	14,500	2 nm radius, daily SR-SS	
<b>Missoula International Airport</b>			
1.4 nm, 315°, MSO	1,500 AGL	0.5 nm radius, May thru Sept daily SR-SS, Oct-Apr occsnal	
<b>Nine Mile Ranger Station</b>			
17 nm, 289°, MSO	2,000 AGL	0.5 nm radius, occasional use	
<b>Raser Ranch</b>			
2 nm, 357°, MSO	3,000 AGL	0.5 nm radius, Apr-Oct	
<b>Roundup Airport</b>			
40 nm, 351°, BIL	14,500	Weekends SR-SS	
<b>Six Mile</b>			
15 nm, 300°, MSO	2,000 AGL	0.5 nm radius, occasional use	
<b>Stevensville Airport</b>			
25 nm, 162°, MSO	14,000	1 nm radius, wed & weekends SR-SS	
<b>Stoney Creek</b>			
17 nm, 296°, MSO	2,000 AGL	0.5 nm radius, occasional use	
<b>Three Forks Airport</b>			
8 nm, 275°, BZN	14,500	2 nm radius, daily SR-SS	
<b>University Campus</b>			
5 nm, 108°, MSO	12,500 AGL	0.5 nm radius, occasional use	
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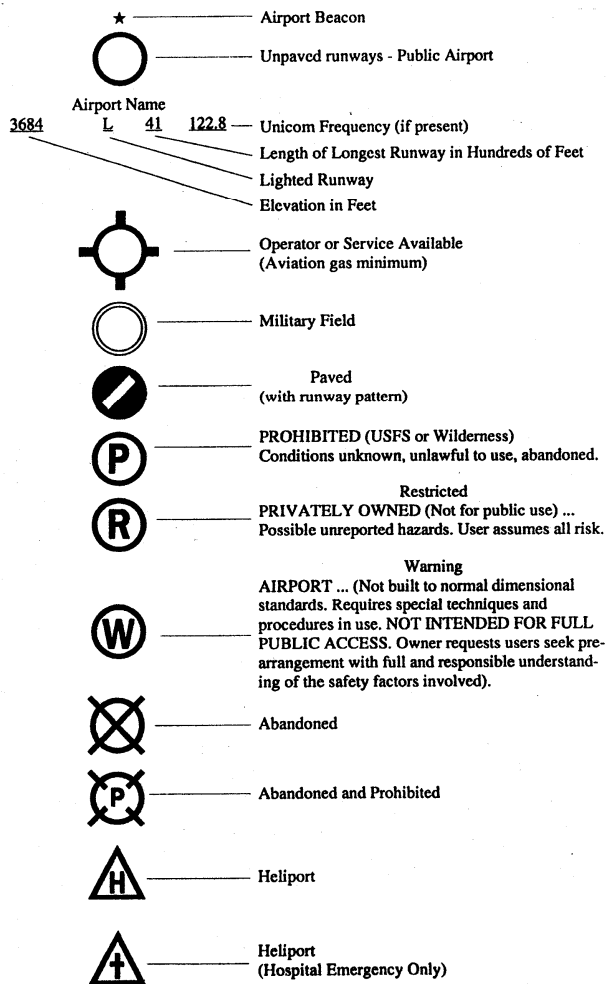
## Aeronautical Chart Symbols

The Montana Aeronautics Division uses the following standardized symbols within this directory and the Montana Aeronautical Chart. The National Association of State Aviation Officials (NASAO) have agreed on the following symbols for standardization. Please be aware that these symbols may not be standard for all government agencies or maps and charts you may purchase.



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## Alpha-Numeric Airport GPS Ident List

ØØF	BROADUS	9S2	SCOBAY
Ø2T	WISE RIVER	9S4	SUPERIOR
ØS1	MEADOW CREEK	9S5	THREE FORKS
1S3	FORSYTH	9S7	WINIFRED
23S	SEELEY LAKE	9UØ	TURNER
29S	GARDINER	9U1	WILSALL
32S	STEVENSVILLE	B7Ø	TIBERDAM
37S	FORT PECK	BBØ	BLACK BUTTE NORTH
38S	DEER LODGE	BHK	BAKER
3U3	ANACONDA	BIL	BILLINGS
3U4	ASHLAND	BTM	BUTTE
3U5	AUGUSTA	BW8	BULLWHACKER
3U7	BENCHMARK	BZN	BOZEMAN
3U8	BIG SANDY	CII	CHOTEAU
3U9	BOULDER	CTB	CUTBANK
42S	POPLAR	CWØ	COW CREEK
48S	HARLEM	DLN	DILLON
49S	BABB	DRU	DRUMMOND
4U4	HEBBELMAN	FØ2	HARDIN
4U6	CIRCLE	GDV	GLENDIVE
4U7	CONNER	GGW	GLASGOW
4U9	DELL	GPI	KALISPELL
52S	ST. IGNATIUS	GTF	GREAT FALLS
53U	FERNDALE	H28	DEL BONITA
57S	TROY	HLN	HELENA
58S	WHITEFISH	HVR	HAVRE
5UØ	DENTON	HWQ	HARLOWTON
5U1	DUTTON	JDN	JORDAN
EKS	ENNIS	JF5	WEST POPLAR (CAN)
5U5	FAIRFIELD	LCØ	LEFT COULEE
5U6	FAIRVIEW	LTY	CHESTER
5U7	FORT SMITH	LVM	LIVINGSTON
5U8	GERALDINE	LWT	LEWISTOWN
6SØ	BIG TIMBER	M26	DRUMMOND
6S1	BRIDGER	M35	SEELEY LAKE (WATER)
6S3	COLUMBUS	M42	RUSSIAN FLAT
6S5	HAMILTON	M46	COLSTRIP
6S8	LAUREL	M75	MALTA
6U5	HINSDALE	MLS	MILES CITY
6U6	HOGELAND	MSO	MISSOULA
6U7	HYSHAM	MT3	KNOX RIDGE
79S	FORT BENTON	OLF	WOLF POINT
7SØ	RONAN	PWD	PLENTYWOOD
7S1	TWIN BRIDGES	RCØ	ROCK CREEK
7S4	WISDOM	RED	RED LODGE
7S6	WHITE SUL.SPRINGS	RPX	ROUNDUP
7S7	VALIER	SØ1	CONRAD
7S8	SWEETGRASS	SØ4	CONDON
7U8	RICHEY	SØ9	HOT SPRINGS
8ØS	LAVINA	S27	KALISPELL (CITY)
88M	EUREKA	S34	PLAINS
8SØ	BROWNING	S59	LIBBY
8S1	POLSON	S64	STANFORD
8UØ	RYEGATE	S69	LINCOLN
8U1	SAND SPRINGS	S71	CHINOOK
8U2	SCHAFAER MEADOWS	S85	CULBERTSON
8U3	EAST POPLAR	SBX	SHELBY
8U4	SPOTTED BEAR	SDY	SIDNEY
8U5	SUNBURST	THM	THOMPSON FALLS
8U6	TERRY	UØ5	PHILIPSBURG
8U8	TOWNSEND	UØ9	FORT BELKNAP
8U9	CANYON FERRY	WHØ	WOODHAWK
97M	EKALAKA	WYS	WEST YELLOWSTONE
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4U9	DELL	GPI	KALISPELL
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6S3	COLUMBUS	M42	RUSSIAN FLAT
6S5	HAMILTON	M46	COLSTRIP
6S8	LAUREL	M75	MALTA
6U5	HINSDALE	MLS	MILES CITY
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???	LESLIE	???	WINNETT

## Airport Index

<u>Town</u>		<u>Airport Name</u>
Anaconda		Bowman
Ashland	(SC)	St. Labre Mission
Augusta		Augusta
Babb	(SC)	Babb
Baker		Baker
Benchmark	(SC)	Benchmark
Big Sandy		Big Sandy
Big Timber		Big Timber
Billings		Billings Logan Int'l
Black Butte North	(SC)	Black Butte North
Boulder	(SC)	Boulder
Bozeman		Gallatin Field
Bridger		Bridger
Broadus		Broadus
Browning		Starr Browning
Bullwhacker	(SC)	Bullwhacker
Butte		Bert Mooney
Canyon Ferry		Canyon Ferry
Chester		Liberty County
Chinook		Edgar G. Obie
Chinook	(SC)	Hebbelman
Choteau		Choteau
Circle		Circle Town/County
Colstrip		Colstrip Ricks
Columbus		Wolterman Memorial
Condon	(SC)	Condon
Conrad		Conrad
Cow Creek	(SC)	Cow Creek
Culbertson		Big Sky
Cut Bank		Cut Bank International
Deer Lodge		Deer Lodge
Del Bonita	(B)	Whetstone Int'l
Dell		Dell Flight Strip
Denton		Denton
Dillon		Dillon
Drummond	(SC)	Drummond
Dutton		Dutton
East Poplar	(B)	Scobey Border Int'l
Ekalaka		Ekalaka
Ennis		Ennis Big Sky
Eureka		Eureka
Fairfield		Fairfield
Fairview		Fairview
Ferndale		Ferndale
Forsyth		Tillitt Field

## Airport Index

<u>Town</u>		<u>Airport Name</u>
Anaconda		Bowman
Ashland	(SC)	St. Labre Mission
Augusta		Augusta
Babb	(SC)	Babb
Baker		Baker
Benchmark	(SC)	Benchmark
Big Sandy		Big Sandy
Big Timber		Big Timber
Billings		Billings Logan Int'l
Black Butte North	(SC)	Black Butte North
Boulder	(SC)	Boulder
Bozeman		Gallatin Field
Bridger		Bridger
Broadus		Broadus
Browning		Starr Browning
Bullwhacker	(SC)	Bullwhacker
Butte		Bert Mooney
Canyon Ferry		Canyon Ferry
Chester		Liberty County
Chinook		Edgar G. Obie
Chinook	(SC)	Hebbelman
Choteau		Choteau
Circle		Circle Town/County
Colstrip		Colstrip Ricks
Columbus		Wolterman Memorial
Condon	(SC)	Condon
Conrad		Conrad
Cow Creek	(SC)	Cow Creek
Culbertson		Big Sky
Cut Bank		Cut Bank International
Deer Lodge		Deer Lodge
Del Bonita	(B)	Whetstone Int'l
Dell		Dell Flight Strip
Denton		Denton
Dillon		Dillon
Drummond	(SC)	Drummond
Dutton		Dutton
East Poplar	(B)	Scobey Border Int'l
Ekalaka		Ekalaka
Ennis		Ennis Big Sky
Eureka		Eureka
Fairfield		Fairfield
Fairview		Fairview
Ferndale		Ferndale
Forsyth		Tillitt Field

<b>Town</b>	<b>Airport</b>
Fort Belknap	Harlem
Fort Benton	Fort Benton
Fort Peck	Fort Peck
Fort Smith	Fort Smith Strip
Gardiner	Gardiner
Geraldine	Geraldine
Glasgow	Glasgow Int'l
Glendive	Dawson Community
Great Falls	Great Falls Int'l
Hamilton	Ravalli County
Hardin	Fairgrounds Airpark
Harlem	Harlem
Harlowton	Wheatland Co. Apt.
Havre	Havre City/County
Helena	Helena Regional
Hinsdale	Hinsdale
Hogeland	Hogeland
Hot Springs	Hot Springs
Hysham	Hysham
Jordan	Jordan
Kalispell	Galcier Park Int'l
Kalispell	Kalispell City
Knox Ridge	Knox Ridge
Laurel	Laurel Municipal
Lavina	Lavina
Left Coulee (SC)	Left Coulee
Lewistown	Lewistown Municipal
Libby	Libby
Lincoln	Lincoln
Livingston	Mission Field
Malta	Malta
Meadow Creek (SC)	Meadow Creek
Miles City	Frank Wiley Field
Miles City	Leslie
Missoula	Johnson Bell Field
Opheim	Opheim
Philipsburg	Riddick Field
Plains	Plains
Plentywood	Sher-Wood
Polson	Polson
Poplar	Poplar
Red Lodge	Red Lodge
Richey (SC)	Richey
Rock Creek (SC)	Rock Creek
Ronan	Ronan
Roundup	Roundup

<b>Town</b>	<b>Airport</b>
Fort Belknap	Harlem
Fort Benton	Fort Benton
Fort Peck	Fort Peck
Fort Smith	Fort Smith Strip
Gardiner	Gardiner
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Glasgow	Glasgow Int'l
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Hamilton	Ravalli County
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Havre	Havre City/County
Helena	Helena Regional
Hinsdale	Hinsdale
Hogeland	Hogeland
Hot Springs	Hot Springs
Hysham	Hysham
Jordan	Jordan
Kalispell	Galcier Park Int'l
Kalispell	Kalispell City
Knox Ridge	Knox Ridge
Laurel	Laurel Municipal
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Left Coulee (SC)	Left Coulee
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Plentywood	Sher-Wood
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Poplar	Poplar
Red Lodge	Red Lodge
Richey (SC)	Richey
Rock Creek (SC)	Rock Creek
Ronan	Ronan
Roundup	Roundup

<b>Town</b>		<b>Airport</b>
Russian Flat	(SC)	Russian Flat
Ryegate		Ryegate
St. Ignatius		St. Ignatius
Sand Springs	(SC)	Sand Springs Strip
Schafer Meadows	(SC)	Schafer Meadows
Scobey		Scobey
Seeley Lake		Seeley Lake
Seeley Lake	(W)	Lindey's Landing West
Shelby		Shelby
Sidney		Sidney-Richland Muni.
Spotted Bear	(SC)	Spotted Bear
Stanford		Stanford
Stevensville		Stevensville
Sunburst		Sunburst
Superior		Mineral County
Sweetgrass	(B)	Ross Int'l
Terry		Terry
Thompson Falls		Thompson Falls
Three Forks		Three Forks
Tiber Dam		Tiber Dam
Townsend		Townsend
Troy		Troy
Turner		Turner
Twin Bridges		Twin Bridges
Valier		Valier
West Fork	(SC)	West Fork Lodge
West Poplar	(C)	West Poplar
West Yellowstone		Yellowstone
Whitefish		Whitefish
White Sulphur Springs		White Sulphur Springs
Wilsall		Wilsall
Winifred		Winifred
Winnett		Winnett
Wisdom		Wisdom
Wise River	(SC)	Wise River
Wolf Point		LM Clayton
Wood Hawk	(SC)	Wood Hawk

- (B)** International Border Airport (lies directly on US / Canadian Border)  
**(C)** Canadian Airport (lies entirely within Canada)  
**(SC)** Special Conditions (may be challenging or require appropriate aircraft)  
**(W)** Seaport (seaplane or amphibious aircraft only)

<b>Town</b>		<b>Airport</b>
Russian Flat	(SC)	Russian Flat
Ryegate		Ryegate
St. Ignatius		St. Ignatius
Sand Springs	(SC)	Sand Springs Strip
Schafer Meadows	(SC)	Schafer Meadows
Scobey		Scobey
Seeley Lake		Seeley Lake
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Tiber Dam		Tiber Dam
Townsend		Townsend
Troy		Troy
Turner		Turner
Twin Bridges		Twin Bridges
Valier		Valier
West Fork	(SC)	West Fork Lodge
West Poplar	(C)	West Poplar
West Yellowstone		Yellowstone
Whitefish		Whitefish
White Sulphur Springs		White Sulphur Springs
Wilsall		Wilsall
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