

# NORTH 2023-2024 Dakota *Airport Directory*



## North Dakota Aeronautics Commission

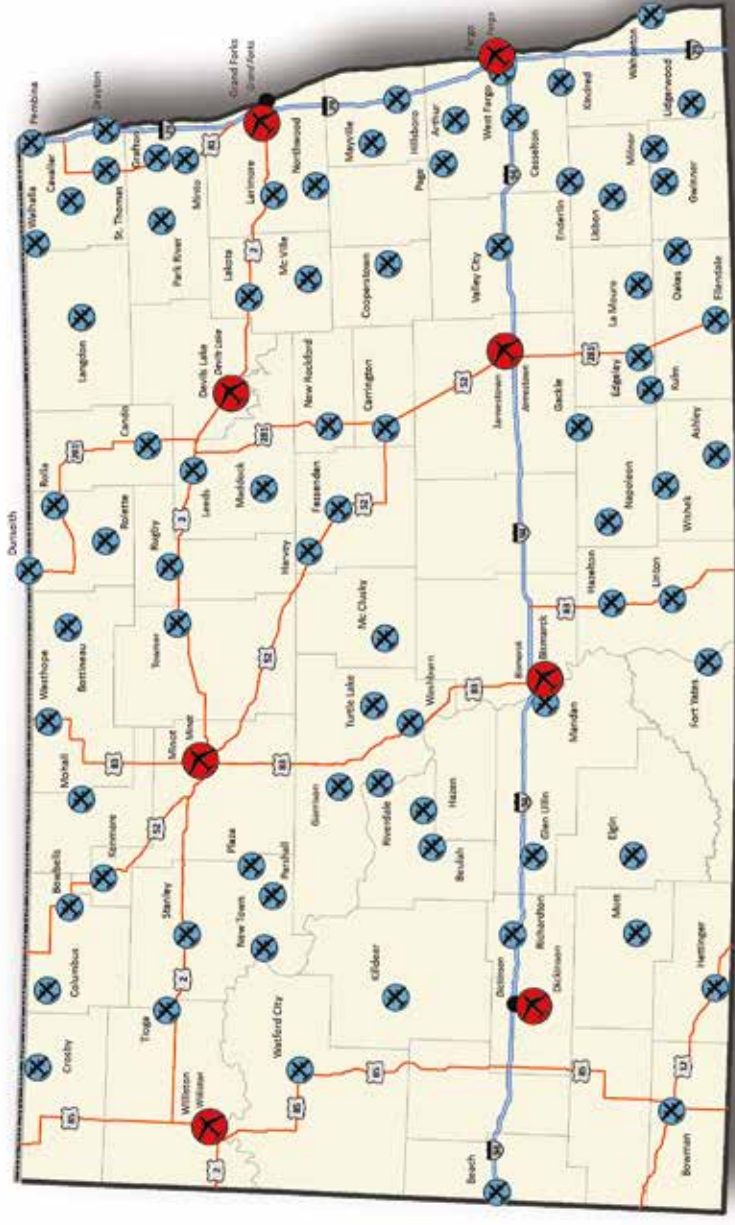
PO Box 5020 • Bismarck, ND 58502

701.328.9650

[ndaero@nd.gov](mailto:ndaero@nd.gov)

[www.aero.nd.gov](http://www.aero.nd.gov)





Commercial Airport (C)  
 General Aviation Airport (GA)  
 Major City  
 County Boundary

NDSASP System Airports

# PUBLIC AIRPORTS IN NORTH DAKOTA



Greetings and welcome to the skies of North Dakota!

This directory contains aeronautical information for each of our state's 89 public-use airports. Due to information changing over time, this document is meant to be used as an aid and not as the sole use of information when flight planning. We encourage pilots to refer to the current FAA Airman's Information Manual, the FAA's Airport Facility Directory, and up-to-date airport NOTAMS prior to each flight. It is also recommended to contact the airport operator to confirm the current airport conditions and available services.

I also encourage you to take a tour of the North Dakota Aeronautics Commission's website which provides a broad array of aeronautical information and a calendar that tracks in-state aviation related events and opportunities. Additionally, we hope that you consider creating lasting memories of your own by picking up one of our "Fly ND" passport books to collect stamps as you visit our different airports.

From all of us at the North Dakota Aeronautics Commission, we wish you the very best of what our incredible state has to offer.

Stay safe and enjoy,

*Kyle C. Wanner*

Kyle C. Wanner  
Executive Director

*COPIES OF THIS DIRECTORY ARE AVAILABLE BY WRITING OR CALLING:*



**North Dakota Aeronautics Commission**

**P.O. Box 5020**

**Bismarck, North Dakota 58502-5020**

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**E-mail: [ndaero@nd.gov](mailto:ndaero@nd.gov)**

**Visit our website: <http://aero.nd.gov>**



## AMENITIES LISTED FOR EACH AIRPORT



Fuel   WX Directory   Lounge   Maintenance   Hanger   Courtesy Car   WiFi   Customs

### Directory Disclaimer

Aeronautical information on this airport directory is up to date through Fall of 2022, and is obtained from the Federal Aviation Administration Chart Supplement and the North Dakota Aeronautics Commission. Printer, publisher, and the North Dakota Aeronautics Commission make no warranty, express or implied, as to accuracy of information expressly disclaim liability for the accuracy thereof. We recommend that you check Airman's Information Manual, Chart Supplement, NOTAMS, and the Safety Bulletins from the Federal Aviation Administration for supplemental data and current information.

# ***FLY North Dakota AIRPORTS!***

*North Dakota's passport program rewards pilots who fly to North Dakota's publically-owned airports, attend FAA safety seminars, and visit North Dakota's aviation museums. Fly North Dakota airports promotes safety and education, and encourages pilots to practice approaches and landings in many different environments. It's also a great way to support general aviation airports, businesses, and tourism. Just visit one of the places or events listed in our passports, and have your passport stamped in the appropriate box. It's as easy as that!*



## ***HOW TO PARTICIPATE.***

Get a Fly North Dakota Airports Passport at your local publically-owned airport or by contacting the North Dakota Aeronautics Commission. If you prefer to participate in the passport program using a mobile device, visit our website to learn more about the digital passport option

Fill in the page at the front of your passport with your name and contact information. Each time you visit a North Dakota publically-owned airport, aviation museum, or participating FAA safety seminar, have your passport stamped in the appropriate box. The location of the airport stamp is stated in the passport.



When you have earned the proper number of stamps, submit your passport (they will be returned) to the North Dakota Aeronautics Commission, P.O. Box 5020, Bismarck, ND 58502. Phone: (701) 328-9650. Email: [ndaero@nd.gov](mailto:ndaero@nd.gov)

*Visit a community event or attraction by searching [NDtourism.com](http://NDtourism.com)*

*or call 1-800-HELLO-ND on  
your legacy flight! Each airport  
box in the Passport has an  
attraction listed.*



**North Dakota Airport Association**





# ARTHUR 1A2

ARTHUR AIRPORT

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: NONE

SNOW REMOVAL: CLOSED WINTER MOS.

CTAF: 122.9

WX: 124.5

FARGO  
ATIS



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
973	Road south of runway 35 irregular mowing	Rick Burgum PHONE: 701-997-6101 Addl: 701-261-0112 PUBLIC TERMINAL PHONE: None



# ASHLEY ASY

ASHLEY MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Call After Storm

CTAF: 122.9

WX: 118.175 LINTON



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2032	Call ahead for fuel	Ladelle George PHONE: 701-371-8707 Addl: 701-288-3194 PUBLIC TERMINAL PHONE: Yes



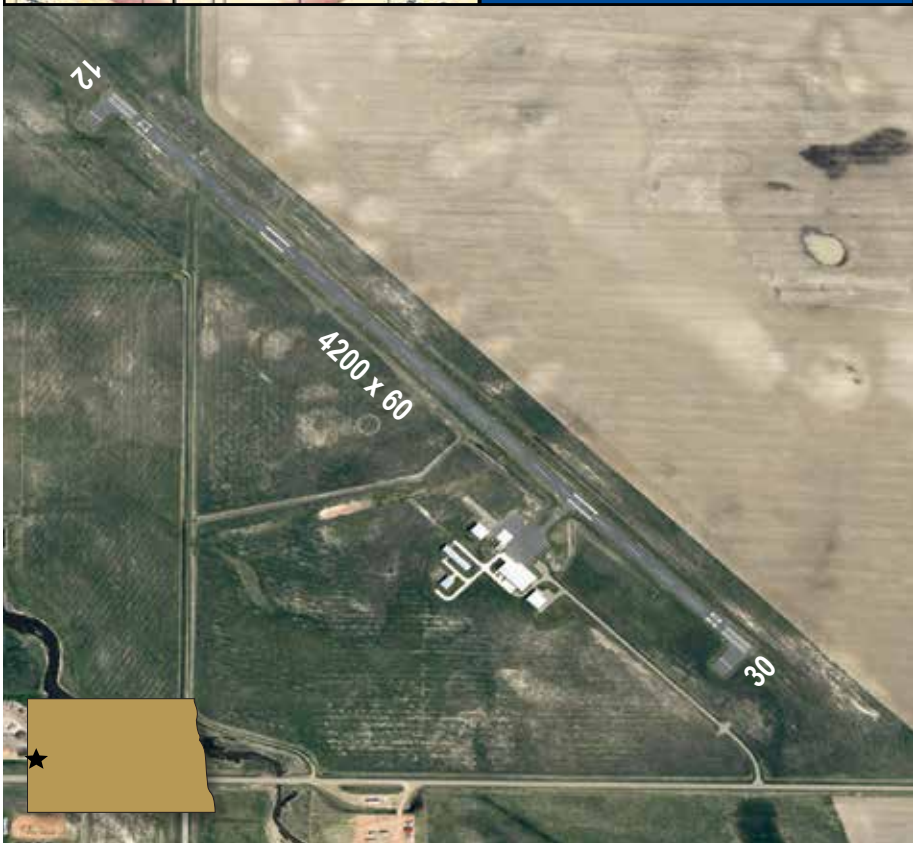
# BEACH 20U

BEACH AIRPORT

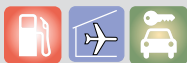
ATTENDANCE: UNATTENDED/ON CALL  
FUEL: 100LL, JET A-Self Serve  
Credit Card                      REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: Non-Precision

CTAF: 122.8                      WX: 118.175



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2756	AWOS Phone: 701-872-9225	Karl Davis PHONE: 256-496-1978 PUBLIC TERMINAL PHONE: Yes



# BEULAH 95D

BEULAH MUNICIPAL

ATTENDANCE: UNATTENDED / ON CALL  
FUEL: CALL AHEAD - 100LL JETA  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm

CTAF: 122.9      WX: 118.675      HAZEN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1791	Unlighted Stacks 600' Agl-6 miles N. Lighted Stack 498' Agl-1.8 nm south. Code for terminal: 1229. Courtesy car inside shop. Call: 701-873-4100 for fuel	Shawn Morten PHONE: 701-873-4100 Addl: 701-873-2259 PUBLIC TERMINAL PHONE: Yes



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1661	AWOS Phone: 701-255-7563.	Greg Haug/Tim Thorsen PHONE: 701-355-1808 PUBLIC TERMINAL PHONE: Yes



# BOTTINEAU D09

BOTTINEAU MUNICIPAL

ATTENDANCE: ON CALL

FUEL: 100LL-Call Ahead REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.8

WX: 118.25



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1680	3/21 Closed Winter Months AWOS Phone: 701-228-2688	Leo Jostad / Chuck Refling PHONE: 701-871-2096 Addl: 701-228-2236 PUBLIC TERMINAL PHONE: Yes

**BOWBELLS  
5B4**

**BOWBELLS MUNICIPAL**

**ATTENDANCE: UNATTENDED**

**FUEL: NONE**

**REPAIRS: NONE**

**LIGHTS: NONE**

**SNOW REMOVAL: Call after storm**

**CTAF: 122.9**

**WX: 118.575**

**TIOGA**



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
<b>1955</b>	Standing water after rain. Confirm runway condition prior to use. Additional: 701-377-2608	Wayne Jacobson PHONE: 701-377-2731 701-339-1574





MX hanger can be used for storage with prior notifications



# BOWMAN BWW

BOWMAN REGIONAL

ATTENDANCE: M-F 8 AM - 5 PM

FUEL: 100LL JETA - Self Service Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.8

WX: 118.075



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

**2965**

AWOS: 701-523-3412  
Check Power River 3 MOA status on  
[www.sua.faa.gov](http://www.sua.faa.gov)  
Email: [fuel@bottomlineaviation.com](mailto:fuel@bottomlineaviation.com)

Brent Kline  
PHONE: 701-523-7484  
701-440-7449  
PUBLIC TERMINAL PHONE: YES





# CANDO 9D7

CANDO MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-precision

CTAF: 122.9

WX: 118.325



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1482

AWOS: 701-968-3625.  
Contact airport manager for  
vehicle access.

Rollie Bjornstad  
PHONE: 701-739-8026  
701-968-3043  
PUBLIC TERMINAL PHONE: NONE



# CARRINGTON 46D

CARRINGTON MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - 24 Hr. Self-serve credit card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-precision

CTAF: 122.9

WX: 118.575



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1607	AWOS: 701-652-1875 Confirm snow removal: 701-652-5206	Jason Wolsky PHONE: 701-652-2911 701-652-5206 PUBLIC TERMINAL PHONE: Yes



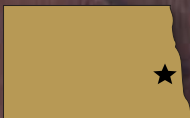
# CASSELTON 5N8

ROBERT MILLER REGIONAL

**ATTENDANCE:** MON-FRI 8AM-5PM  
**FUEL:** 100LL Self service credit card  
**REPAIRS:** MAJOR

**Pilot Controlled Lights:** CTAF  
**SNOW REMOVAL:** Confirm after storm  
**Instrument Approach:** Non-Precision

**CTAF:** 122.8 **WX:** 124.5 **FARGO**



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
<b>933</b>	Confirm winter conditions: 701-347-4680. <a href="http://www.Casselton.com/airport">www.Casselton.com/airport</a>	Robert Miller PHONE: 701-347-0201 ADDL. PHONE: 701-347-5519 PUBLIC TERMINAL PHONE: Yes



# CAVALIER 2C8

CAVALIER MUNICIPAL

ATTENDANCE: ON CALL

FUEL: 100LL, JETA Self Service

Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.8

WX: 118.275



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
892	AWOS: 701-265-8050. Ry 34 - 31' powerline 1300' from threshold. Elevator SE of centerline.	Harold McConnell PHONE: 701-520-8631 ADDL. PHONE: 701-520-5066 PUBLIC TERMINAL PHONE: Yes





# COLUMBUS D49

COLUMBUS MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: Reflectors

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.025

CROSBY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1931	Call for grass mowing.	Rich Castell - Manager PHONE: 701-216-0030 ADDL. PHONE: 701-939-7831 PUBLIC TERMINAL PHONE: No



# COOPERSTOWN S32

COOPERSTOWN MUNICIPAL

ATTENDANCE: On Call

FUEL: 100LL - Self-service credit card

REPAIRS: NONE

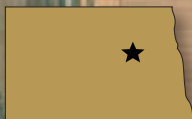
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-Precision

CTAF: 122.9

WX: 118.75



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1424	Fuel-self service credit card. AWOS: 701-797-2566 May-Sept. M-F 8am-5pm Oct.-April On Call	John Wakefield PHONE: 701-789-0666 PUBLIC TERMINAL PHONE: Yes



# CROSBY D50

CROSBY MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - Self Service Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.9

WX: 118.025



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1950

Runway 3-21 closed winter mos.  
AWOS: 701-965-6732  
Traffic Pattern: 2750.

Mike Melby -Chairman  
PHONE: 701-570-0944  
ADDL. PHONE: 701-965-6512  
PUBLIC TERMINAL PHONE: Yes





# DEVILS LAKE DVL

DEVILS LAKE REGIONAL

ATTENDANCE: DAYTIME HOURS

FUEL: JETA, 100LL (self service)

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument approach: Precision

CTAF: 122.8

WX: 125.875



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1470

M-F 8am - 5pm  
AWOS: 701-662-7214  
Foss and Meier: 701-662-3221  
Devils Lake Aero: 701-662-4416  
Seaplane fuel available contact  
Devils Lake Aero

Scott Cruse  
PHONE: 701-662-5833  
PUBLIC TERMINAL PHONE: Yes





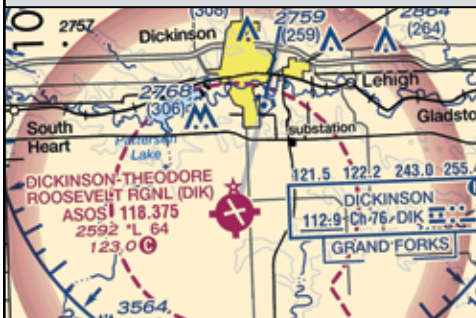
# DICKINSON DIK

DICKINSON THEODORE ROOSEVELT REGIONAL

**ATTENDANCE:** M-F 8-5PM MST  
**FUEL:** 100LL, JET A - Self-serve after 2200  
**REPAIRS:** MAJOR

**Pilot Controlled Lights:** CTAF  
**SNOW REMOVAL:** Regular  
**Instrument Approach:** Precision

**CTAF:** 123.00      **WX:** 118.375



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
<b>2592</b>	On Call After Hrs: 701-264-9466 AWOS: 701-227-0280	Kelly Braun PHONE: 701-483-1062 ADDL. PHONE: 701-483-4221 PUBLIC TERMINAL PHONE: Yes

DRAYTON  
D29

DRAYTON MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 126.475

HALLOCK



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
798	For service call: 701-454-6588 Confirm snow removal: 701-520-1219 or 701-454-6588 Road south of runway 35	Rob Boll PHONE: 701-454-3317 ADDL PHONE: 701-454-3590 PUBLIC TERMINAL PHONE: None

# DUNSEITH S28

INTERNATIONAL PEACE GARDEN

ATTENDANCE: UNATTENDED

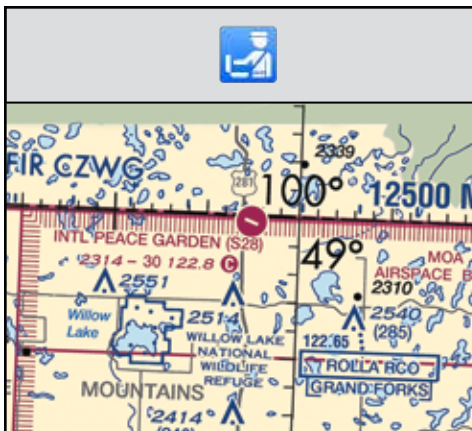
FUEL: NONE

REPAIRS: NONE

SNOW REMOVAL: REGULAR

CTAF: 122.8

WX: 118.125 ROLLA



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

2316

Unattended  
US Customs: 701-263-4513  
Canadian Customs: 204-534-6820

Kyle Wanner  
PHONE 701-328-9650  
ADDL. PHONE: 701-425-5926  
PUBLIC TERMINAL PHONE: None



# EDGELEY 51D

EDGELEY MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL & JET A - Self Service

Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

Instrument Approach: non-precision

CTAF: 122.8

WX: 118.675

OAKES



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1604	Confirm snow removal Heated Hanger available for transient aircraft.	Dave Lux PHONE: 701-320-8740 ADDL PHONE: 701-709-0114 PUBLIC TERMINAL PHONE: Yes



Transportation can be arranged.  
Call prior to arrival.



# ELGIN Y71

ELGIN MUNICIPAL

ATTENDANCE: UNATTENDED  
FUEL: NONE      REPAIRS: NONE

LIGHTS: NONE  
SNOW REMOVAL: On request only

CTAF: 122.9      WX: 118.75 GLEN ULLIN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2355	Snow removal on request only. Runway surface rough. Runway 30 - 10' dropoff 100' from threshold. No line of sight between runway ends.	PHONE: 701-220-3442 701-584-9012 PUBLIC TERMINAL PHONE: None



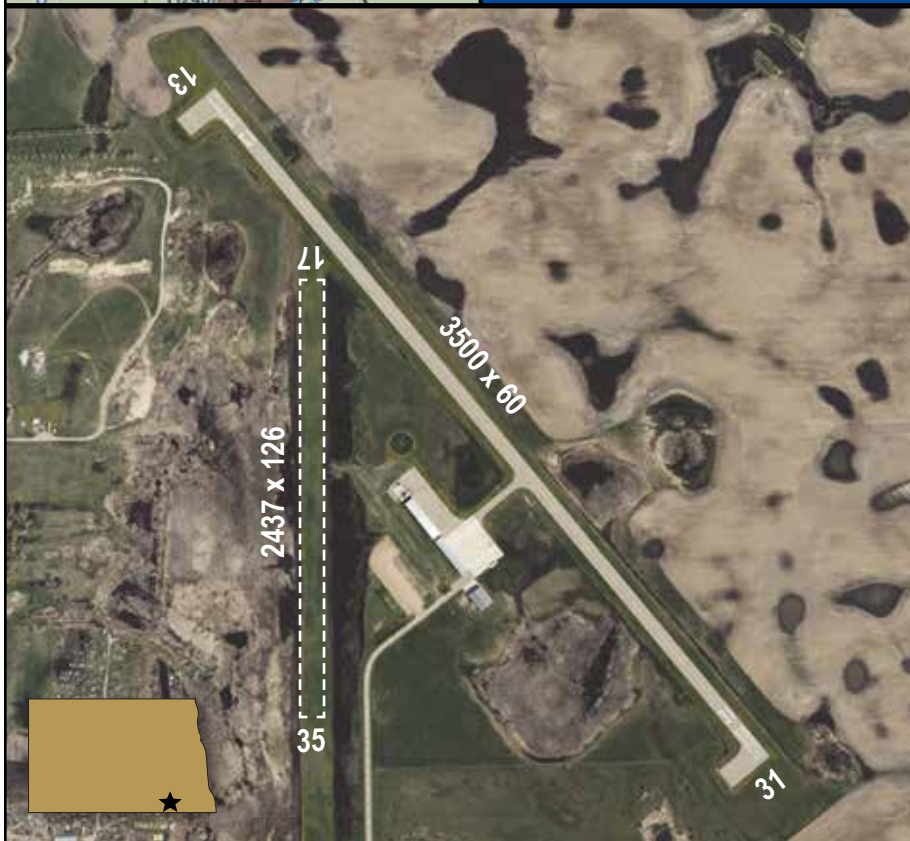
# ELLENDALE 4E7

ELLENDALE MUNICIPAL

ATTENDANCE: UNATTENDED  
FUEL: 100LL - SELF SERVICE CREDIT CARD  
REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: Non-Precision

CTAF: 122.9      WX: 118.675      OAKES



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1457	Ry 17/35 closed winter months, Power lines N. of Airport.	Kyle Glynn PHONE: 701-830-0143 City of Ellendale: 701-349-3252 PUBLIC TERMINAL PHONE: Yes



# ENDERLIN 5N4 SKY HAVEN

ATTENDANCE: UNATTENDED  
FUEL: 100LL Self Service Credit Card  
REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm

CTAF: 122.9      WX: 118.325      GWINNER



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1151	Traffic Pattern: 1800 Electric hookups available for winter ops	Bobby Geske PHONE 701-799-6082 ADDL PHONE: 701-437-3437 PUBLIC TERMINAL PHONE: Yes





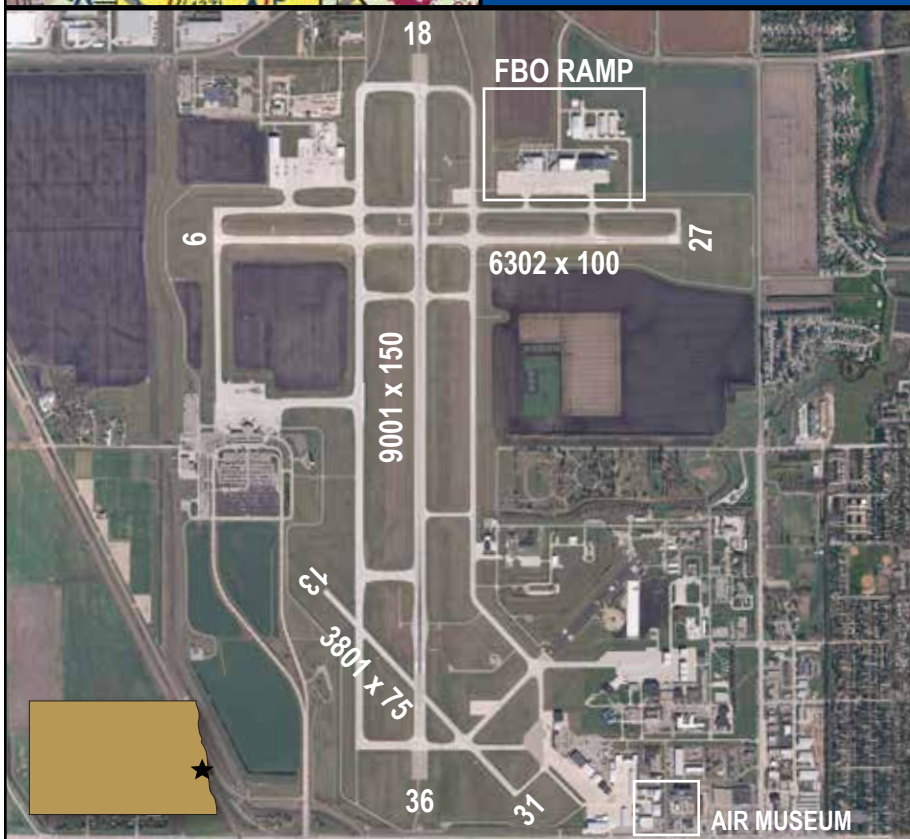
# FARGO FAR

HECTOR INTERNATIONAL

ATTENDANCE: ATTENDED ALL HOURS  
FUEL: JET A, 100LL, J8 FULL SERVICE  
REPAIRS: MAJOR

LIGHTS: Tower Controlled  
SNOW REMOVAL: Regularly Scheduled  
Pilot Controlled Lights: CTAF

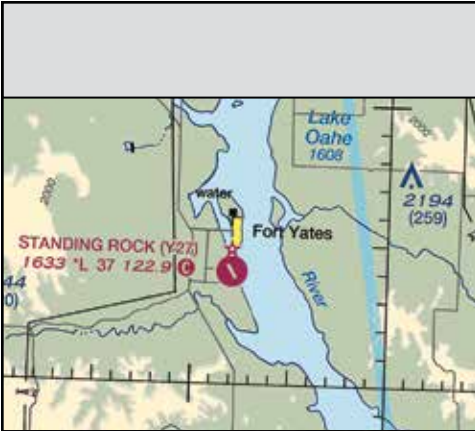
TWR: 133.8 GRND: 121.9 ATIS - 124.5



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
901	AWOS 701-298-3877 Traffic Pattern: 1800 MSL US Customs port of entry, Fargo Air Museum SE corner of airport.	Shawn Dobberstein PHONE: 701-241-1501 PUBLIC TERMINAL PHONE: Yes



<div>  </div>		
		
<div> <div> <b>FESSENDEN D24</b> </div> <div>FESSENDEN-STREIBEL MUNICIPAL</div> </div>		
<div> ATTENDANCE: UNATTENDED </div>		
<div> <div>FUEL: NONE</div> <div>REPAIRS: NONE</div> </div>		
<div> Pilot Controlled Lights: CTAF </div>		
<div> SNOW REMOVAL: NONE </div>		
<div> <div>CTAF: 122.9</div> <div>WX: 118.825 HARVEY</div> </div>		
		
FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1619	Daylight cone markers. Road east of airport	Mark Nelson PHONE 701-653-5069 PUBLIC TERMINAL PHONE: None



# FORT YATES

## Y27

STANDING ROCK

ATTENDANCE: UNATTENDED

FUEL: NONE      REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9      WX: 118.175      LINTON



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1633		PHONE: 701-854-8611 ADDL PHONE: 701-854-8500 ext 7002 PUBLIC TERMINAL PHONE: None

GACKLE  
9G9

GACKLE MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: NONE

SNOW REMOVAL: NONE - call prior

CTAF: 122.9

WX: 118.425 JAMESTOWN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1904	Check notams.	Public works PHONE 701-320-3655 ADDL PHONE: 701-485-3331 PUBLIC TERMINAL PHONE: None



# GARRISON D05

GARRISON MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - Self Service Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

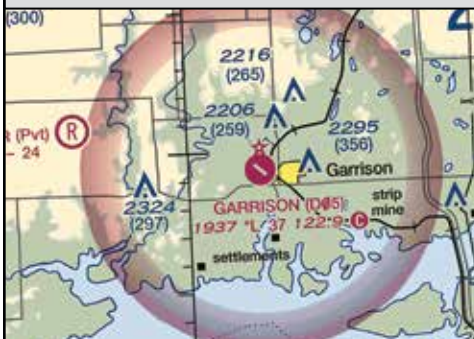
SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.9

WX: 118.675

HAZEN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1936	RY 3/21 closed in winter.	Jim Wilcox- Chairman PHONE: 701-301-1055 ADDL PHONE: 701-463-2600 City PUBLIC TERMINAL PHONE: Yes





# GLEN ULLIN D57

GLEN ULLIN REGIONAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - Self-service credit card

REPAIRS: NONE

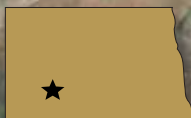
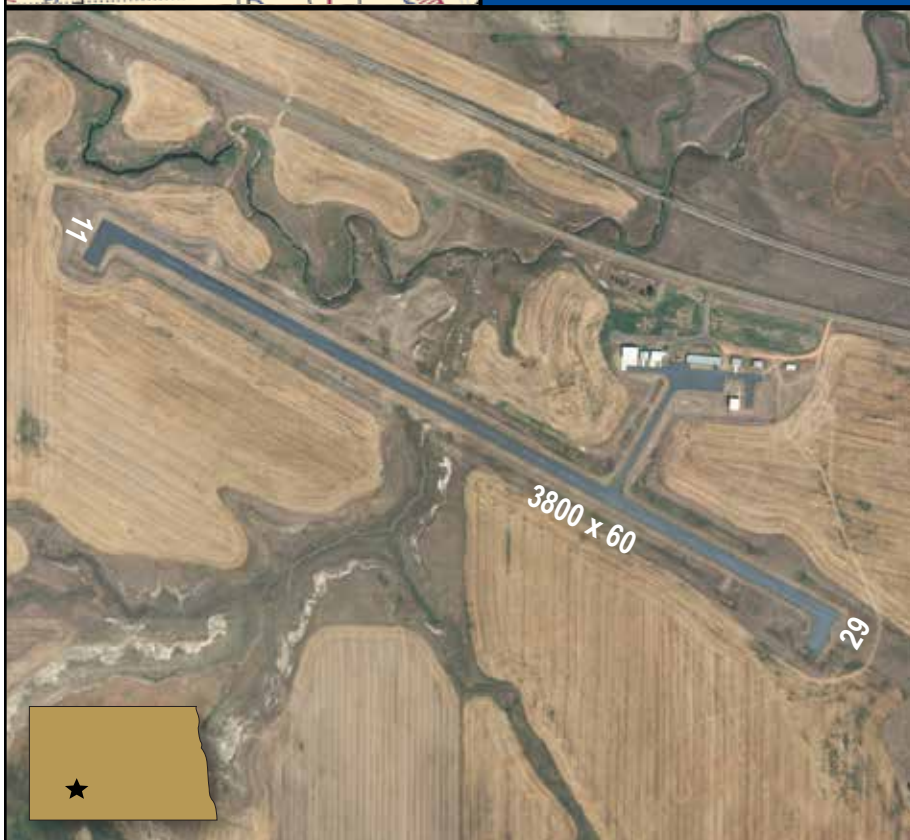
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-Precision

CTAF: 122.9

WX: 118.75



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2091	AWOS: 701-348-9581 Hangar space available, call ahead.	Gene Glasser PHONE 701-226-1147 ADDL PHONE: 701-226-7994 PUBLIC TERMINAL PHONE: Yes



# GRAFTON GAF

GRAFTON HUTSON FIELD

ATTENDANCE: M-F 8am - 5pm

FUEL: JET A, 100LL Self Service

Credit Card

REPAIRS: MINOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.8

WX: 118.625



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
824	AWOS: 701-352-0581 Runway 8/26 soft when wet Heavy aerial spray activity Rwy 8/26 closed winter months	PHONE: 701-352-0271 ADDL PHONE: 701-520-9174 PUBLIC TERMINAL PHONE: Yes



# GRAND FORKS GFK

GRAND FORKS INTERNATIONAL

ATTENDANCE: ALL HOURS  
FUEL: 100LL, JET A Full Service  
REPAIRS: MAJOR

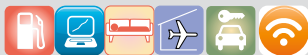
Pilot Controlled Lights: CTAF when tower closed  
SNOW REMOVAL: Regular  
Instrument Approach: Precision

Tower: 118.4      Ground: 124.575  
ATIS: 119.4      UNICOM: 122.95



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
844	AWOS: 701-722-3486 US Customs: 701-772-3301 TFR West of Airport Heavy Student Traffic	Ryan Riesinger PHONE: 701-795-6981 FBO PHONE: 701-772-5504 PUBLIC TERMINAL PHONE: Yes





# GWINNER GWR

GWINNER-ROGER MELROE FIELD

ATTENDANCE: UNATTENDED  
FUEL: 100LL, JET A Self Service  
Credit Card      REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: non-Precision

CTAF: 122.7      WX: 118.325



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1266	AWOS: 701-678-6801 Ry 6/24 closed winter months Additional contact number: 701-308-0169	Rick Hoistad PHONE: 701-680-8000 ADDL PHONE: 701-678-2639 PUBLIC TERMINAL PHONE: Yes





# HARVEY 5H4

HARVEY MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - Self Service Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Regular- confirm

Instrument Approach: non-precision

CTAF: 122.8

WX: 118.825



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1607	AWOS: 701-324-2058	Shari Nyhus - Chairperson PHONE: 701-324-2000 ADDL PHONE: 701-324-4137 PUBLIC TERMINAL PHONE: None

# HAZELTON 6H8

HAZELTON MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

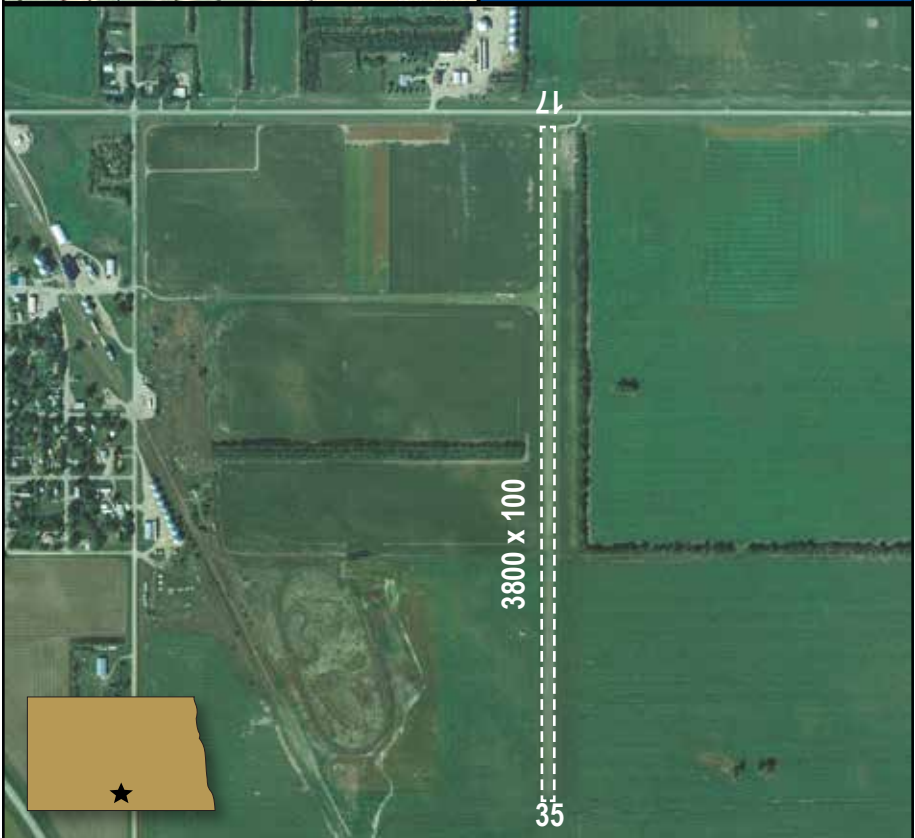
LIGHTS: NONE

SNOW REMOVAL: None

CTAF: 122.9

WX: 118.175

LINTON



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

**2015**

Turf clumpy.  
Tiedowns at west apron

Mike Appert  
PHONE: 701-782-6269  
PHONE: 701-220-6816  
PUBLIC TERMINAL PHONE: None



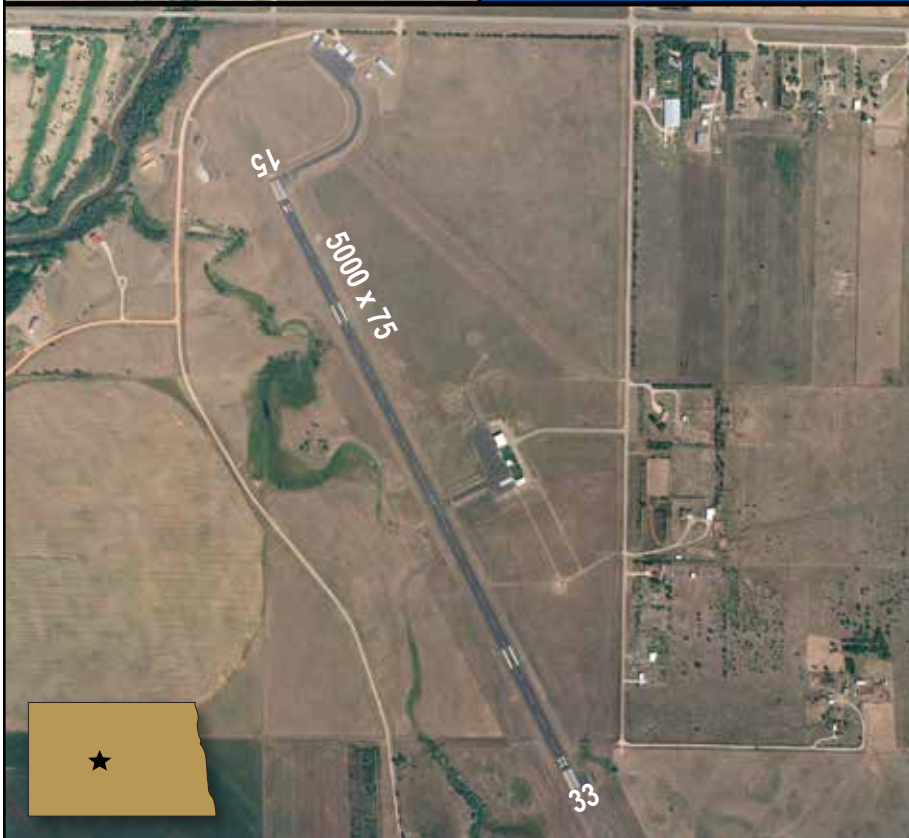
# HAZEN HZE

MERCER COUNTY REGIONAL

ATTENDANCE: UNATTENDED  
FUEL: 100LL JETA - Self Service Credit Card  
REPAIRS: MINOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: non-Precision

CTAF: 122.8      WX: 118.675



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1814	AWOS: 701-748-2443. Fuel- self-service credit card. Call ahead for hangar	Steve Frovarp PHONE 701-880-0042 ADDL PHONE: 701-748-2550 PUBLIC TERMINAL PHONE: Yes



# HETTINGER HEI

JB LINDQUIST REGIONAL

ATTENDANCE: M-F 8am - 5pm

FUEL: 100ll, JET A - Self Service Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-Precision

CTAF: 122.8

WX: 119.925



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2705	AWOS: 701-567-4594.	Chuck Lindquist PHONE: 701-928-0615 ADDL PHONE: 701-928-4469 PUBLIC TERMINAL PHONE: No





# HILLSBORO 3H4

HILLSBORO REGIONAL

ATTENDANCE: MON-FRI 8am-5pm

FUEL: 100LL - Self Service Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.9

WX: 124.5

GFK ATIS



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
906	Call for winter conditions: 701-400-1113 flyhillsboro.org	Devon Cote PHONE 701-436-6167 ADDL PHONE: 701-400-1113 FBO PUBLIC TERMINAL PHONE: Yes



# JAMESTOWN JMS

JAMESTOWN REGIONAL

ATTENDANCE: Mon-Fri 8am-5pm

FUEL: 100LL, JET A - Self Service Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Regular




Instrument Approach: Precision


CTAF: 123.0

WX: 118.425



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1499	AWOS: 701-251-9002	PHONE: 701-252-6466 PUBLIC TERMINAL PHONE: No





# KENMARE 7K5

KENMARE MUNICIPAL

ATTENDANCE: UNATTENDED  
FUEL: 100LL - Self Service Credit Card  
REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: Non-Precision

CTAF: 122.8      WX: 121.1      STANLEY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1962		Mark Gravesen PHONE 701-848-6046 ADDL PHONE: 701-848-6116 PUBLIC TERMINAL PHONE: Yes





# KILLDEER 9Y1

DUNN COUNTY

ATTENDANCE: UNATTENDED

FUEL: 100LL JET A - Self Service Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.9

WX: 118.175 WATFORD CITY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2249	Check NOTAMS Snow removal: 701-260-1235	Gregg Synnes PHONE: 701-260-1235 ADDL PHONE: 701-764-5359 PUBLIC TERMINAL PHONE: No





## KINDRED K74

ROBERT ODEGAARD FIELD

ATTENDANCE: MON-FRI 8AM-5PM

FUEL: 100LL - Self Service Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-precision

CTAF: 122.9

WX: 124.5

FARGO ATIS



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

947

Casey Odegaard  
PHONE 701-428-9990  
ADDL PHONE: 701-238-2305  
PUBLIC TERMINAL PHONE: Yes



# KULM D03

KULM MUNICIPAL AIRPORT

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

Pilot Controlled Lights: CTAF - LOW

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.675 OAKES



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

**1959**

Call ahead for car.  
Mike: 701-830-0292  
Jess: 701-830-2218

Lorence Holmgren  
PHONE: 701-830-2205  
PUBLIC TERMINAL PHONE: YES



# LAKOTA 5L0

LAKOTA MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - 24 HR SELF-SERVICE

CREDIT CARD REPAIRS: NONE

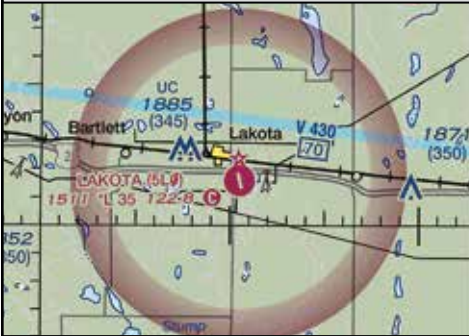
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-precision

CTAF: 122.8

WX: 125.875 DEVILS LAKE



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

**1511**

Matt Nelson  
PHONE 701-247-3112  
ADDL PHONE: 701-247-2561  
PUBLIC TERMINAL PHONE: YES



# LA MOURE 4F9

LA MOURE ROTT MUNICIPAL

ATTENDANCE: M-F 8am-5pm Summer Mos.

FUEL: NO PUBLIC FUEL REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.675

OAKES



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1310

Irrigation pivot east of runway.  
Cultivated fields 30' from  
threshold.

Blane Robert  
PHONE: 701-883-5047  
ADDL PHONE: 701-709-0284  
PUBLIC TERMINAL PHONE: None



**LANGDON  
D55**

## ROBERTSON FIELD

**ATTENDANCE: MON-FRI 8AM-5PM**

**FUEL: 100LL Self Service Credit Card**

REPAIRS: NONE

## Pilot Controlled Lights: CTAIF

**SNOW REMOVAL:** Confirm after storm

**Instrument Approach: non-Precision**

CTAF: 122.8

**WX: 118.225**



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1608	AWOS: 701-256-2121 Runway 8/26 closed winter mos. Noise sensitive area NW of field; avoid overflight. Midfield taxiway closed.	Ryan Howatt PHONE 701-370-9710 ADDL PHONE: 701-256-3639 PUBLIC TERMINAL PHONE: NO



# LARIMORE 2L1

LARIMORE MUNICIPAL

ATTENDANCE: On Call

FUEL: NONE

REPAIRS: MINOR

LIGHTS: NONE

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 119.4 GRAND FORKS



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1130	Traffic Pattern: Right traffic runway 12 Runway shoulders soft when wet.	Jesse Morten PHONE: 701-343-2065 2nd PHONE Todd Vahna: 218-779-1171 PUBLIC TERMINAL PHONE: Yes



# LEEDS D31

LEEDS MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: NONE

SNOW REMOVAL: Confirm after storm

CTAF: 122.8

WX: 125.875 DEVILS LAKE



FIELD ELEVATION

REMARKS

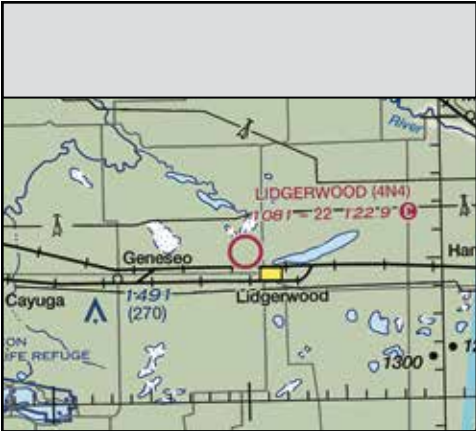
IN-PERSON CONTACT

1508

Call ahead for hangar.

Erika Kenner  
PHONE 406-581-1188  
ADDL PHONE: 701-351-5111  
PUBLIC TERMINAL PHONE: None





LIDGERWOOD  
4N4

LIDGERWOOD MUNICIPAL

ATTENDANCE: UNATTENDED  
FUEL: NONE      REPAIRS: NONE

LIGHTS: NONE  
SNOW REMOVAL: NONE

CTAF: 122.9      WX: 118.325      GWINNER



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1081	Closed winter months. Steep drop - water on both sides of runway.	Scott Wettstein PHONE: 701-640-1568 PUBLIC TERMINAL PHONE: None





# LINTON 7L2

LINTON MUNICIPAL

ATTENDANCE: MON-FRI 8-5PM /ON CALL  
FUEL: 100LL, JET A - Self Service Credit Card  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: non-Precision

CTAF: 122.9      WX: 118.175



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1778

AWOS: 701-254-4965

PHONE 701-254-5449  
ADDL PHONE: 701-321-0913  
PUBLIC TERMINAL PHONE: Yes



# LISBON 6L3

LISBON MUNICIPAL

ATTENDANCE: On Call

FUEL: 100LL - Self Service Credit Card

REPAIRS: NONE

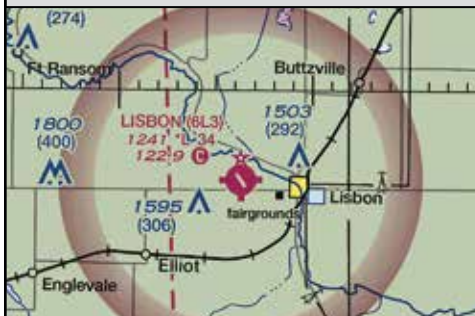
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-Precision

CTAF: 122.9

WX: 118.325 GWINNER



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1241

Ry 03/21 closed winter months.  
Concrete apron for Twin aircraft.

Ben Halstenson  
PHONE: 701-739-5463  
ADDL PHONE: 701-683-5501

<div><div></div></div>		<div><div>MADDOCK</div><div>6D3</div><div>MADDOCK MUNICIPAL</div></div>			
		ATTENDANCE: ON CALL			
		FUEL: NONE      REPAIRS: NONE			
		LIGHTS: Low/Solar			
		SNOW REMOVAL: Confirm after storm			
		CTAF: 122.9      WX: 118.825      HARVEY			
					
FIELD ELEVATION		REMARKS		IN-PERSON CONTACT	
1600		Public Apron & Hangar on West side. Private spray pad North. Call ahead for car.100 LL & Jet A available for emergency situations. Contact 701-739-4875		Richard Slater PHONE: 701-739-4875 ADDL PHONE: 701-438-2444 PUBLIC TERMINAL PHONE: None	



# MANDAN Y19

MANDAN MUNICIPAL

ATTENDANCE: M-F 8-5pm/Weekends on Call  
FUEL: 100LL, JET A-Full/Self Service  
Credit Card REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: Non-Precision

CTAF: 122.8

WX: 118.225



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1944	AWOS: 701-663-0271 Traffic Pattern: Left Helicopter - Right Email: <a href="mailto:manager@mandanairport.com">manager@mandanairport.com</a> <a href="http://www.mandanairport.com">www.mandanairport.com</a>	Lindsay Gerhardt PHONE: 701-663-0669 ADDL PHONE: 701-955-3328 PUBLIC TERMINAL PHONE: Yes



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
977		Lance Fugleberg PHONE 701-361-0330 ADDL PHONE: 701-786-4240 PUBLIC TERMINAL PHONE: NO

MCCLUSKY  
7G2

MCCLUSKY MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: NONE

SNOW REMOVAL: NONE

CTAF: 122.9

WX: 118.825

HARVEY



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1900

Runway turf has numerous  
grass clumps

Larry Gessner  
PHONE: 701-363-9200  
PUBLIC TERMINAL PHONE: None

MCVILLE  
8M6

MCVILLE MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

Pilot Controlled Lights: LOW-CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.75 COOPERSTOWN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1473	No lighting 18/36	Chanda Arneson PHONE 701-322-4343 ADDL PHONE: 701-210-2819 PUBLIC TERMINAL PHONE: None



# MILNOR 4R6

MILNOR MUNICIPAL AIRPORT

ATTENDANCE: UNATTENDED  
FUEL: NONE                      REPAIRS: NONE

LIGHTS: Low  
SNOW REMOVAL: Confirm after storm

CTAF: 122.9                      WX: 118.325      GWINNER



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1091	Fuel available for emergency. Contact manager. Turbulence due to trees N/S of runway. <a href="http://www.milnorairport.com">www.milnorairport.com</a>	Mark Gainor PHONE: 701-680-1001 ADDL PHONE: 701-680-1146 PUBLIC TERMINAL PHONE: Yes





# MINOT MOT

MINOT INTERNATIONAL

**ATTENDANCE: 24-HOUR SERVICES**  
**FUEL: 100LL, JET A-Full Service**  
**REPAIRS: MAJOR**

Pilot Controlled Lights: CTAF/ Tower Controlled  
**SNOW REMOVAL: Regular 24-hr Service**  
**Instrument Approach: Precision**

**GROUND 121.9 TOWER/CTAF: 118.2**  
**WX: 118.725 UNICOM: 122.95**



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
<b>1715</b>	US Customs: 701-838-6704. Dakota territory Air Museum north end of field. <a href="http://www.MOTairport.com">www.MOTairport.com</a> ATC HOURS: 0700-2200 AWOS: 701-837-9379	Jennifer Eckman PHONE 701-857-4725 PUBLIC TERMINAL PHONE: Yes

## MINTO MUNICIPAL AIRPORT

FUEL: NONE

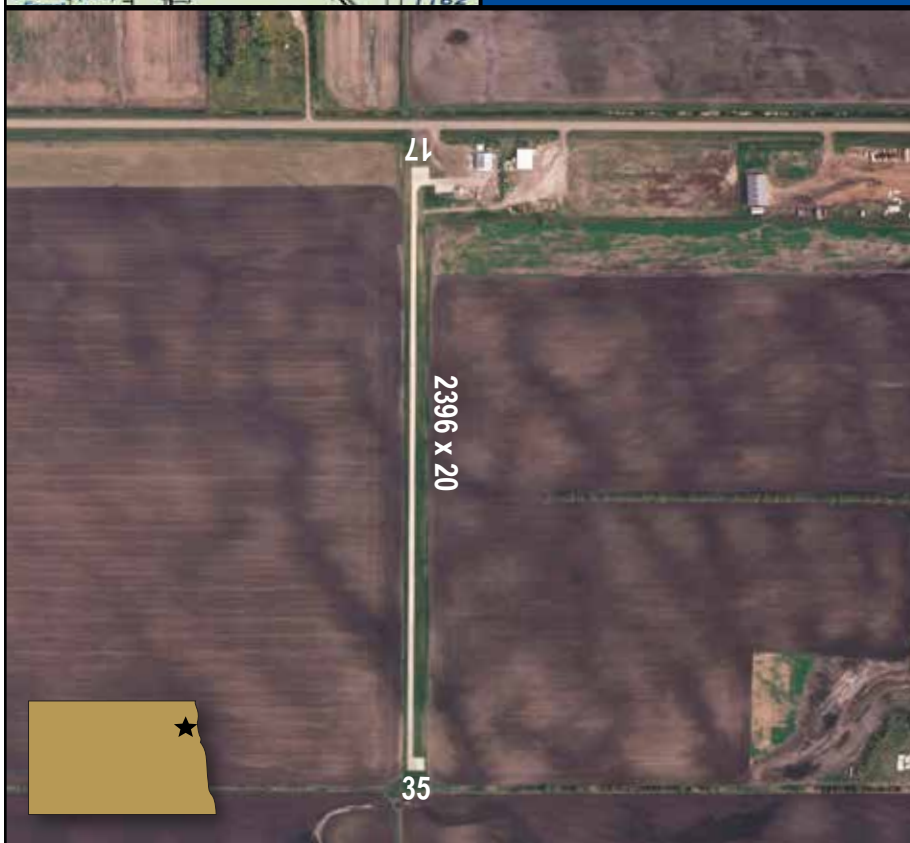
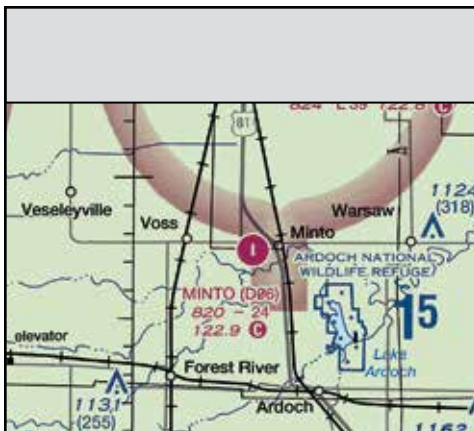
REPAIRS: NONE

LIGHTS: NONE

**SNOW REMOVAL:** Confirm after storm

CTAF: 122.9

**WX: 118.625** GRAFTON



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
820	Closed winter months.	Chris Misialek PHONE: 701-248-3978 ADDL PHONE: 701-520-1596 PUBLIC TERMINAL PHONE: NONE



# MOHALL HBC

MOHALL MUNICIPAL

ATTENDANCE: ON CALL

FUEL: 100LL, JET A - Self Service Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 122.8

WX: 118.725 MINOT  
(60 NM)



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1649

Mike Nehring  
PHONE 701-263-1008/756-7177  
ADDL PHONE: 701-756-7258/6464  
PUBLIC TERMINAL PHONE: Yes



Car available upon request



# MOTT 3P3

MOTT MUNICIPAL

ATTENDANCE: UNATTENDED  
FUEL: 100LL - Self Service Credit Card  
REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm

CTAF: 122.9      WX: 118.375 DICKINSON  
(60 NM)



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2413		Derek Mayer PHONE: 701-260-3525 ADDL PHONE: 701-440-0281 PUBLIC TERMINAL PHONE: NONE



# NAPOLEON 5B5

NAPOLEON MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: No Public Fuel REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Contact after storm

CTAF: 122.9

WX: 118.175

LINTON



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

**1985**

Runway 8/26 closed in winter

Rod Mattern 701-321-0767  
ADDL PHONE: 701-426-4537  
PUBLIC TERMINAL PHONE: None

# NEW ROCKFORD 8J7

TOMLINSON FIELD

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: Low-Sunset to Sunrise

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.575 CARRINGTON



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

**1533**

Troy Georgeson  
PHONE: 701-454-6588  
PUBLIC TERMINAL PHONE: None

<div><div></div></div>		<div>NEW TOWN</div> <div>05D</div> <div>NEW TOWN MUNICIPAL</div>			
		<div>ATTENDANCE: UNATTENDED</div> <div>FUEL: NONE      REPAIRS: NONE</div> <div>Pilot Controlled Lights: CTAF</div> <div>SNOW REMOVAL: Confirm after storm</div> <div>INSTRUMENT APPROACH: Non-Precision</div>			
		<div>CTAF: 122.9      WX: 121.1      STANLEY</div>			
					
FIELD ELEVATION		REMARKS		IN-PERSON CONTACT	
1923		Windcone and PAPs on Runway 12 and 30 ends - lights on continuously.		Mylo Wolding PHONE 701-898-4918 ADDL PHONE: 701-421-9019 PUBLIC TERMINAL PHONE: None	



# NORTHWOOD 4V4

MUNICIPAL - VINCE FIELD

ATTENDANCE: MON-FRI 8-5PM

FUEL: 100LL-Call Ahead REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

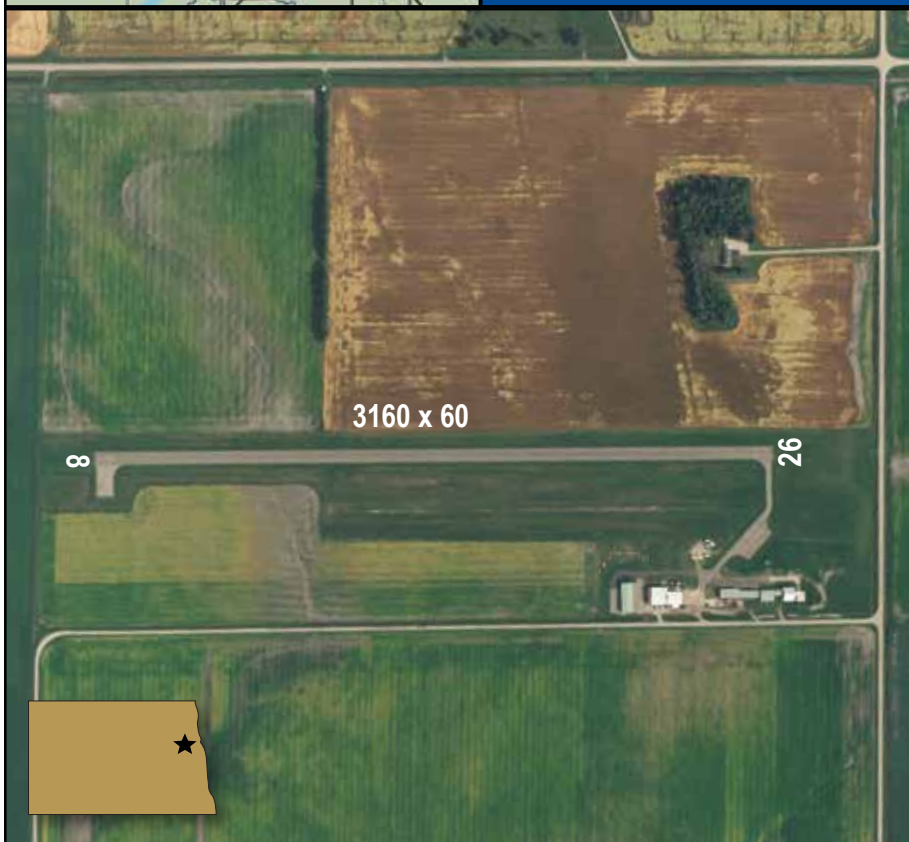
SNOW REMOVAL: Confirm after storm

Instrument Approach: non-Precision

CTAF: 122.8

WX: 119.4

GFK ATIS



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1119	Traffic Pattern: Runway 8 right traffic. For fuel contact: (701) 587-5171	Rich Altendorf PHONE: 701-587-5171 ADDL PHONE: 218-779-6567 PUBLIC TERMINAL PHONE: Yes





# OAKES 2D5

OAKES MUNICIPAL

ATTENDANCE: M-F 8AM-5PM

FUEL: 100LL, JET A REPAIRS: NONE

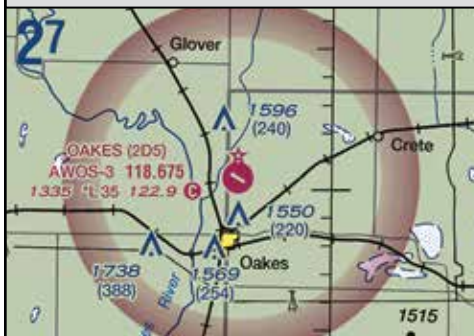
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

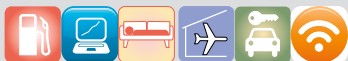
Instrument Approach: non-Precision

CTAF: 122.9

WX: 118.675



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1334	AWOS: 701-742-3991 Ry 17/35 closed winter months. Turf runway clumpy. Call ahead for fuel.	Travis McPherson PHONE 701-710-1220 ADDL PHONE: 701-678-9410 PUBLIC TERMINAL PHONE: Yes



PAGE  
64G

PAGE REGIONAL

ATTENDANCE: M-F 8-5/ on call weekends  
FUEL: 100LL Call ahead REPAIRS: MAJOR

LIGHTS: NONE  
SNOW REMOVAL: Confirm after storm

CTAF: 122.9      WX: 118.725 VALLEY CITY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1218	Call ahead for fuel. Road south of airport. Grain fields at both Ry ends.	Tim McPherson PHONE: 701-668-2302 ADDL PHONE: 701-799-9027 PUBLIC TERMINAL PHONE: Yes



# PARK RIVER Y37

W.C. SKJERVEN

ATTENDANCE: MON-FRI 8-5PM/ ON CALL  
FUEL: 100LL-Call ahead  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm

CTAF: 122.8      WX: 118.625      GRAFTON



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1104	Ry 4/22 closed winter months & surface clumpy.	Glenn Wharam PHONE 701-331-1110 ADDL PHONE: 701-331-0818 PUBLIC TERMINAL PHONE: No



# PARSHALL Y74

PARSHALL-HANKINS

ATTENDANCE: On Call  
FUEL: 100LL-Self Service Credit Card  
REPAIRS: NONE

PILOT CONTROLLED LIGHTS: CTAF  
SNOW REMOVAL: Call after storm

CTAF: 122.9

WX: 121.1

STANLEY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2032	City snow removal 862-3459.	Richard Bolkan PHONE: 701-898-3144 PUBLIC TERMINAL PHONE: Yes





# PEMBINA PMB

THOMAS NORD FIELD

ATTENDANCE: 8-8, 7 DAYS A WEEK  
FUEL: 100LL-Call ahead  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: Non-Precision

CTAF: 122.8

WX: 126.47

HALLOCK



FIELD ELEVATION

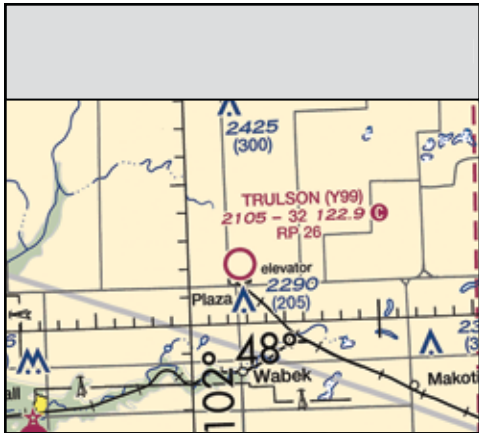
REMARKS

IN-PERSON CONTACT

**795**

US Customs service-Phone:  
701-825-5849 or 701-825-6201.

Terry Nord  
PHONE 701-825-6615  
ADDL PHONE: 701-331-4458  
PUBLIC TERMINAL PHONE: Yes



**PLAZA  
Y99**  
TRULSON FIELD

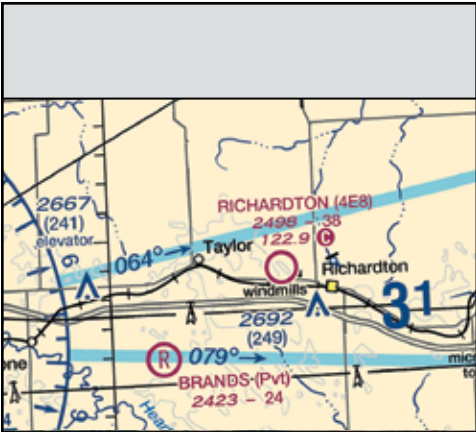
ATTENDANCE: UNATTENDED  
FUEL: NONE      REPAIRS: NONE

LIGHTS: NONE  
SNOW REMOVAL: NONE

CTAF: 122.9      WX: 121.1      STANLEY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2105	Runway 26 - right traffic. Call prior for conditions. House and trees close to runway	Jay Harstad PHONE: 701-898-3387/453-3387 PUBLIC TERMINAL PHONE: None



# RICHARDTON 4E8

RICHARDTON MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE      REPAIRS: NONE

LIGHTS: NONE

SNOW REMOVAL: NONE

CTAF: 122.9      WX: 118.375      DICKINSON



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2498	120' wind tower 800' north. Cattle grazing Aug-Dec. Call airport manager 24hr. prior to landing	Jody Hoff PHONE 701-974-3315 ADDL PHONE: 701-974-4230 city PUBLIC TERMINAL PHONE: None



RIVERDALE  
37N

GARRISON DAM RECREAT'L AIRPORT

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: NONE

SNOW REMOVAL: NONE

CTAF: 122.9

WX: 118.675 HAZEN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1723	Runway 11 - Right-traffic. Runway 11 Displaced Threshold. Seasonal - Closed in winter. Runway is gravel.	Kyle Wanner PHONE: 701-328-9650 ADDL PHONE: 701-425-5926 PUBLIC TERMINAL PHONE: NONE



		
<div> <div> <b>ROLETTE</b>  <b>2H9</b>            ROLETTE AIRPORT         </div> <div> <b>ATTENDANCE: UNATTENDED</b>  <b>FUEL: NONE</b>      <b>REPAIRS: NONE</b>            Pilot Controlled Lights: CTAF  <b>SNOW REMOVAL: Confirm after storm</b> </div> <div> <b>CTAF: 122.8</b>      <b>WX: 118.125</b>      ROLLA         </div> </div>		
		
FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
<b>1623</b>	Rwy width only 40'. Lights 20' from runway edge.	Mark Myhre PHONE 701-246-3395 ADDL PHONE: 701-246-3348 PUBLIC TERMINAL PHONE: None



# ROLLA 06D

ROLLA MUNICIPAL

ATTENDANCE: M-F 8am-5pm  
FUEL: 100LL, JET A - Self Service Credit Card  
REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: non-Precision

CTAF: 122.8      WX: 118.125



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1822	Ry 7/25 closed winters. AWOS:701-477-0055	Gordon Krech PHONE: 701-477-6780 ADDL PHONE: 701-550-9884 PUBLIC TERMINAL PHONE: Yes



# RUGBY RUG

RUGBY MUNICIPAL

ATTENDANCE: Mon-Fri 8-5pm/ On Call  
FUEL: 100LL, JET A- Self Service Credit Card  
REPAIRS: NONE

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: non-Precision

CTAF: 122.8      WX: 118.475



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1549	AWOS: 701-776-6100.	Steve Schneider PHONE 701-776-5171 ADDL PHONE: 701-208-1630 PUBLIC TERMINAL PHONE: Yes





# STANLEY 08D

STANLEY MUNICIPAL

ATTENDANCE: ON CALL

FUEL: 100LL, 92 AUTO, JET A - Self service credit card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-precision

CTAF: 122.9

WX: 121.1



FIELD ELEVATION

REMARKS

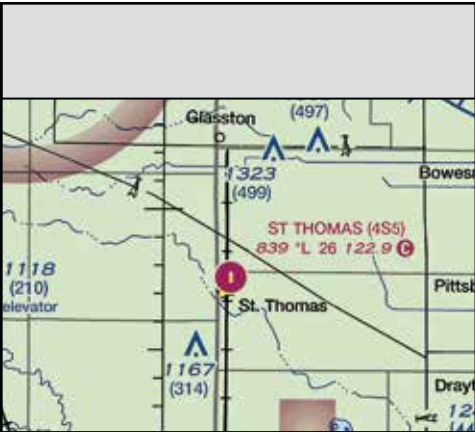
IN-PERSON CONTACT

2245

Road south of airport  
AWOS: 701-628-1737

Steve Martens  
PHONE: 701-629-0044  
ADDL PHONE: 701-629-1244  
PUBLIC TERMINAL PHONE: Yes





# ST. THOMAS

## 4S5

ST. THOMAS MUNICIPAL

ATTENDANCE: M-F 8AM-5PM SUMMER

FUEL: NONE      REPAIRS: NONE

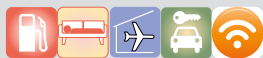
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9      WX: 118.275      CAVALIER



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
839	NO runway markings. Roadway N and S of airport	Ryan Alme PHONE 701-360-7926 ADDL PHONE: 701-520-1597 PUBLIC TERMINAL PHONE: Yes



# TIOGA D60

TIOGA MUNICIPAL

ATTENDANCE: M-F 7am-5pm/On Call  
FUEL: 100LL, JET A - FULL SERVICE  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm  
Instrument Approach: non-Precision

CTAF: 122.9

WX: 118.575



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

2270

AWOS: 701-664-4490  
Rental cars at Tioga Aero Center

Tioga Aero Center  
PHONE: 701-641-6020  
PUBLIC TERMINAL PHONE: Yes



# TOWNER D61

TOWNER MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storms

CTAF: 122.8

WX: 118.475 RUGBY



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1484	Runway 16 - 30' pole 500 ft. from end. Runway 34 - 3' ditch.	Daniel Gunter PHONE 701-537-3519 ADDL PHONE: 701-537-5687 PUBLIC TERMINAL PHONE: NONE



# TURTLE LAKE 91N

TURTLE LAKE MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.8

WX: 118.675

HAZEN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1916	Runway 8 end 10' dropoff 50' from threshold.	Jon Seeger PHONE: 701-220-0707 PUBLIC TERMINAL PHONE: None





# VALLEY CITY BAC

BARNES COUNTY MUNICIPAL

**ATTENDANCE:** Mon-Fri 8-5pm On Call  
**FUEL:** 100LL, JET A - Self Service Credit Card  
**REPAIRS:** MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Regular  
Instrument Approach: non-precision

CTAF: 122.8      WX: 118.725



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1401	AWOS: 701-845-9117. Turf Ry's closed winters.	Michael Lerud PHONE 701-840-5903 ADDL PHONE: 701-845-2100 793-0626 FBO PUBLIC TERMINAL PHONE: No



# WAHPETON BWP

HARRY STERN

ATTENDANCE: Mon-Fri 8-5pm

FUEL: 100LL - Self Service Credit Card

REPAIRS: MAJOR

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: Non-Precision

CTAF: 123.0

WX: 127.875



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
968	AWOS: 701-642-9800. Turf runway closed winters. Taxi Service: 701-642-5757. CALL AHEAD FOR JET A FUEL	Jon Klein PHONE: 701-361-0230 ADDL PHONE: 701-642-5777 PUBLIC TERMINAL PHONE: Yes

# WALHALLA 96D

WALHALLA MUNICIPAL

ATTENDANCE: On Call

FUEL: 100LL - Self Service Credit Card

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

Instrument Approach: non-precision

CTAF: 122.9

WX: 118.175



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

953

AWOS: 701-549-3402  
COURTESY CAR AVAILABLE -  
CALL AHEAD

David Carignan  
PHONE 701-549-3500  
ADDL PHONE: 701-265-2617  
PUBLIC TERMINAL PHONE: None



# WASHBURN 5C8

WASHBURN MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: 100LL - SELF SERVICE CREDIT CARD

REPAIRS: NONE

Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.675 HAZEN



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
1908	Turf runway closed winter months.	Lyle Lelm PHONE: 701-390-3926 ADDL PHONE: 701-315-0240 PUBLIC TERMINAL PHONE: None





# WATFORD CITY S25

WATFORD CITY MUNICIPAL

**ATTENDANCE:** M-F 8AM-5PM/ON CALL  
**FUEL:** 100LL, JET A - Full Service  
**REPAIRS:** MINOR

**Pilot Controlled Lights:** CTAF  
**SNOW REMOVAL:** Confirm after storm  
**Instrument Approach:** Non-Precision

**CTAF:** 122.8      **WX:** 118.125



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
<b>2111</b>	AWOS: 701-842-4855. Manager Cell: 701-570-2646	Luke Taylor PHONE 701-570-2646 Watford Aero Services: 701-300-3045 PUBLIC TERMINAL PHONE: Yes



# WEST FARGO D54

WEST FARGO MUNICIPAL

ATTENDANCE: Mon-Fri 8-5pm  
FUEL: 100LL-Self Service Credit Card  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Confirm after storm

CTAF: 122.7

WX: 124.5 ATIS FARGO



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
896	Runway 18 right traffic. Parachute jumping.	Robbie Grande PHONE: 701-371-2655 PUBLIC TERMINAL PHONE: Yes



# WESTHOPE D64

WESTHOPE MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

LIGHTS: Inop Indefinitely

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.725 MINOT



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

1492

Ry 14 3' Road 100' outbound.

Chad Tofteland  
PHONE 701-263-1304  
ADDL PHONE: 701-263-1383  
PUBLIC TERMINAL PHONE: Outside



# WILLISTON XWA

WILLISTON BASIN INTERNATIONAL AIRPORT

ATTENDANCE: 7am - 7pm  
FUEL: 100LL, JET A-FULL SERVICE  
REPAIRS: MAJOR

Pilot Controlled Lights: CTAF  
SNOW REMOVAL: Regular  
Instrument Approach: Precision

CTAF: 122.8      WX: 125.925



FIELD ELEVATION	REMARKS	IN-PERSON CONTACT
2353	AWOS: 701-875-2118 US Customs: 701-875-2128	Anthony Dudas PHONE: 701-875-8594 ADDL PHONE: 701-713-4334 PUBLIC TERMINAL PHONE: YES





# WISHEK 6L5

WISHEK MUNICIPAL

ATTENDANCE: UNATTENDED

FUEL: NONE

REPAIRS: NONE

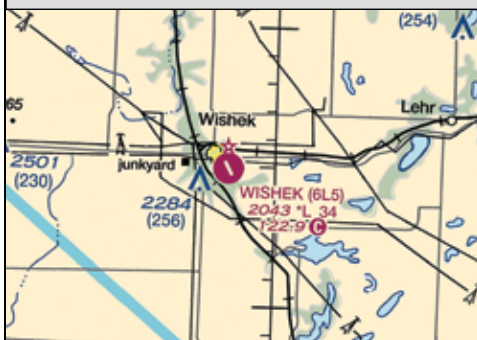
Pilot Controlled Lights: CTAF

SNOW REMOVAL: Confirm after storm

CTAF: 122.9

WX: 118.175

LINTON



FIELD ELEVATION

REMARKS

IN-PERSON CONTACT

2042

Paul Just  
PHONE: 701-426-8085  
ADDL PHONE: 701-452-2314/4291  
PUBLIC TERMINAL PHONE: Outside

# METAR ABBREVIATIONS

## ABBREVIATIONS

AOI	Automated Observation without precipitation discriminator (rain/snow)
AO2	Automated Observation with precipitation discriminator (rain/snow)
AMD	Amended Forecast (TAF)
BECMG	Becoming (expected between 2-digit beginning hour and 2-digit ending hour)
BKN	Broken
CLR	Clear at or below 12,000 feet (AWOS/ASOS report)
COB	Correction to the observation
FEW	1 or 2 octas (eighths) cloud coverage
FM	From (4 digit beginning time in hours and minutes)
LDG	Landing
M	In temperature field means "minus" or below zero
M	In RVR listing indicates visibility less than lowest reportable sensor value (e.g. M600)
NO	Not available (e.g. SLPNO, RVRNO)
NSW	No Significant Weather
OVC	Overcast
P	In RVR indicates visibility greater than highest reportable sensor value (e.g. P6000FT)
P6SM	Visibility greater than 6 SM (TAF only)
PROB40	Probability 40 percent
R	Runway (used in RVR measurement)
RMK	Remark
RV/RWY	Runway
SCT	Scattered
SKC	Sky Clear
SLP	Sea Level Pressure (e.g., 1013 reported as 013)
SM	Statute mile(s)
SPECI	Special Report
TEMPO	Temporary changes expected (between 2-digit beginning hour and 2-digit ending hour)
TKOF	Takeoff
T01760158, 10142, 20012 and 401120084	In Remarks-examples of temperature information
V	Varies (wind direction and RVR)
VC	Vicinity
VRB	Variable wind direction when speed is less than or equal to 6 knots
VV	Vertical Visibility
WS	Wind shear (In TAFs, low level and not associated with convective activity)

## DESCRIPTORS

BC	Patches	MI	Shallow
BL	Blowing	PR	Partial
DR	Low Drifting	SH	Showers
FZ	Supercooled/freezing	TS	Thunderstorm

## WEATHER PHENOMENA

BR	Mist	PE	Ice Pellets
DS	Dust Storm	P0	Dust/Sand Whirls
DU	Widespread Dust	PY	Spray
DZ	Drizzle	RA	Rain
FC	Funnel Cloud	SA	Sand
FC	Tornado/Water Spout	SG	Snow Grains
FG	Fog	SN	Snow
FU	Smoke	SQ	Squall
GA	Hail	SS	Sandstorm
GS	Small Hail/Snow Pellets	UP	Unknown Precipitation (Automated Observations)
HZ	Haze	VA	Volcanic Ash
IC	Ice Crystals		

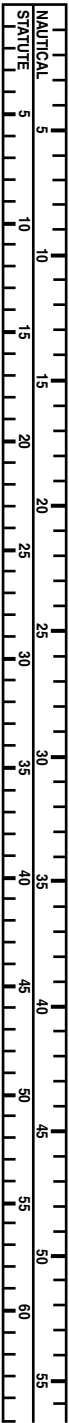
## CLOUD TYPES

CB	Cumulonimbus	TCU	Towering Cumulus
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# CLOSE YOUR FLIGHT PLAN

FLIGHT PLAN									
AFSS 1-800-992-7433									
1. TYPE		2. AIRCRAFT IDENTIFICATION		3. AIRCRAFT TYPE SPECIAL EQUIPMENT		4. TRUE AIRSPEED		5. DEPARTURE POINT	
VFR									
IFR									
DVR						KTS			
5. ROUTE OF FLIGHT									
9. DESTINATION (Name of Airport and City)				10. EST TIME ENROUTE		11. REMARKS			
				HOURS MINUTES					
12. FUEL ON BOARD				13. ALTERNATE AIRPORT		14. PILOT'S NAME, ADDRESS & TELEPHONE, NUMBER & AIRCRAFT HOME BASE			
HOURS MINUTES						15. NUMBER ABOARD			
						17. DESTINATION CONTACT/TELEPHONE (OPTIONAL)			
16. COLOR OF AIRCRAFT									

- /X - NO TRANSPONDER.  
/T - TRANSPONDER NO ALTITUDE ENCODING CAPABILITY.  
/U - TRANSPONDER WITH ALTITUDE ENCODING CAPABILITY.  
/D - DME, BUT NO TRANSPONDER.  
/B - DME, AND TRANSPONDER, BUT NO ALTITUDE ENCODING CAPABILITY.  
/A - DME AND TRANSPONDER WITH ALTITUDE ENCODING CAPABILITY.  
/M - TACAN ONLY, BUT NO TRANSPONDER.  
/N - TACAN ONLY AND TRANSPONDER, BUT NO ALTITUDE ENCODING CAPABILITY.  
/F - TACAN ONLY AND TRANSPONDER WITH ALTITUDE ENCODING CAPABILITY.  
/C - RNAV AND TRANSPONDER, BUT NO ALTITUDE ENCODING CAPABILITY.  
/R - RNAV AND TRANSPONDER WITH ALTITUDE ENCODING CAPABILITY.  
/W - RNAV BUT NO TRANSPONDER.  
/G - GPS











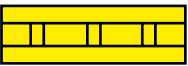

FLIGHT LOG						
DEPARTURE POINT	VOR	RADIAL	DISTANCE	TIME		GROUND SPEED
	IDENT. FREQ.	TO FROM	LEG REMAINING	POINT - POINT CUMMULATIVE	TAKE OFF	
CHECK POINT					ETA	
					ATA	
DESTINATION						
			TOTAL			
PREFLIGHT CHECK LIST				DATE		
EN ROUTE WEATHER / WEATHER ADVISORIES						
DESTINATION WEATHER				WINDS ALOFT		
ALTERNATE WEATHER						
FORECASTS						
NOTAMS / AIRSPACE RESTRICTIONS						



# GUIDE FOR AIRFIELD SIGNS

SIGN and LOCATION




PILOT ACTION or SIGN PURPOSE

 On Taxiways at Intersection with a Runway	Controlled Airport - <b>Hold</b> unless ATC Clearance has been received.  Uncontrolled Airport - Proceed when no traffic conflict exists.
 Runway / Runway Intersection	Taxiing - Same action as above.  Taking Off or Landing - Disregard unless a "Land, Hold Short" clearance has been accepted.
 Taxiway in Runway Approach of Departure Area	Controlled Airport - Hold when instructed by ATC.  Uncontrolled Airport - Proceed when no traffic conflict exists.
 ILS Critical Area	Hold when approaches are being made with visibility less than 2 miles or ceiling less than 800 feet.
 Areas where Aircraft are Forbidden to Enter	Do not enter.
 Taxiway	Identifies taxiway on which aircraft is positioned.
 Runway	Identifies runway on which aircraft is positioned.
 Edge of Protected Airway for Runway	These signs are used on controlled airports to identify the boundary of the runway protected area. It is intended that pilots exiting this area would use this sign as a guide to judge when the aircraft is clear of the protected area.
 Edge of ILS Critical Area	These signs are used on controlled airports to identify the boundary of the LS critical area. It is intended that pilots exiting this area would use this sign as a guide to judge when the aircraft is clear of the ILS critical area.
 Taxiways and Runway	On Taxiways - Provides direction to turn at next intersection to maneuver aircraft onto named runway.

# GUIDE FOR AIRFIELD SIGNS

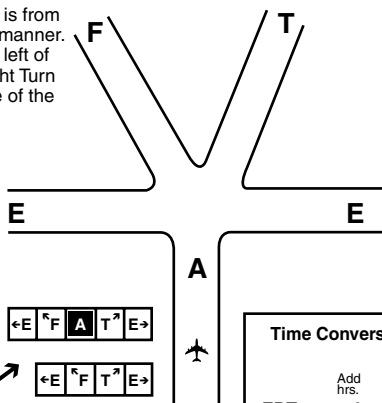
SIGN and LOCATION

PILOT ACTION or SIGN PURPOSE

 Taxiways	Provides general taxiing direction to named runway.
 Taxiways and Runways	Provides general taxiing direction to identified destination.
 Runway	Provides remaining runway length in 1,000 feet increments.

## ARRANGEMENT OF SIGNS AT INTERSECTION

**Note:** Orientation of signs is from left to right in a clockwise manner. Left Turn Signs are on the left of the Location Sign and Right Turn Signs are on the right side of the Location Sign.

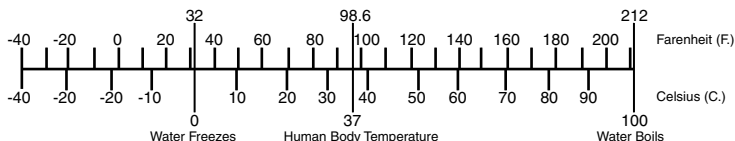


Alternate array of signs shown to illustrate sign orientation when Location Sign not installed.

### Time Conversion to UTC (Z)

	Add hrs.		Add hrs.
EDT.....	4	MDT.....	6
EST.....	5	MST.....	7
CDT.....	5	PDT.....	7
CST.....	6	PST.....	8
Hawaii & Alaska.....	10		

### TEMPERATURE CONVERSION









# INTERCEPTING SIGNALS

Signals initiated by intercepting aircraft and responses  
by intercepted aircraft (as set forth in ICAO Annex 2-Appendix A, 2.1)

Series	Intercepting Aircraft Signals	Meaning	Intercepted Aircraft Responds	Meaning
1	<p><b>Day</b> - Rocking wings from a position slightly above and ahead of, and normally to the left of, the intercepted aircraft and, after acknowledgement, a slow level turn, normally to the left, on to the desired heading.</p> <p><b>Night</b> - Same and, in addition, flashing navigational lights at irregular intervals.</p> <p><b>Note 1</b> - Meteorological conditions or terrain may require the intercepting aircraft to take up a position slightly above and ahead of, and to the right of, the intercepted aircraft and to make the subsequent turn to the right.</p> <p><b>Note 2</b> - If the intercept aircraft is not able to keep pace with the intercepting aircraft, the latter is expected to fly a series of race-track patterns and to rock its wings each time it passes the intercepted aircraft.</p>	You have been intercepted! Follow me.	<p><b>Aeroplanes:</b> Day - Rocking wings and following.</p> <p><b>Night</b> - Same and, in addition, flashing navigational lights at regular intervals.</p> <p><b>Helicopters:</b> Day or Night-Rocking Aircraft, flashing navigational lights at irregular intervals and following.</p>	Understood, will comply.
2	<b>Day or Night</b> - An abrupt break-away maneuver from the intercepted aircraft consisting of a climbing turn of 90 degrees or more without crossing the line of flight of the intercepted aircraft.	You may proceed.	<p><b>Aeroplanes:</b> Day or Night - Rocking Wings.</p> <p><b>Helicopters:</b> Day or Night - Rocking Aircraft.</p>	Understood, will comply.
3	<p><b>Day</b> - Circling aerodrome, lowering landing gear and over-flying runway in direction of landing or, if the intercepted aircraft is a helicopter, over-flying the helicopter landing area.</p> <p><b>Night</b> - Same and, in addition, showing steady landing lights.</p>	Land at this aerodrome.	<p><b>Aeroplanes:</b> Day - Lowering landing gear, following the intercepting aircraft and, if after over-flying the runway landing is considered safe, proceed to land. Night - Same and, in addition, showing steady lights (if carried).</p> <p><b>Helicopters:</b> Day or Night - Follow the intercepted aircraft and proceed to land, showing a steady landing light (if carried).</p>	Understood, will comply.
4	<b>Day or Night</b> - Raising landing gear (if fitted) and flashing landing lights while passing over runway in use or helicopter landing area at a height exceeding 2,000 ft (in case of helicopter, at a height exceeding 170 ft, but not exceeding 330 ft) above the aerodrome level, and continuing to circle runway in use or helicopter landing area. If unable to flash landing lights, flash any other lights available.	Aerodrome you have designated is inadequate.	<p><b>Day or Night</b> - If it is desired that the intercepted aircraft follow the intercepting aircraft to an alternate aerodrome, the intercepting aircraft raises its landing gear (if fitted) and uses the Series 1 signals prescribed for intercepting aircraft.</p> <p>It is decided to release the intercepted craft, the intercepting aircraft uses the Series 2 signals prescribed for intercepting aircraft.</p>	Understood, follow me.  Understood, you may proceed.
5	<b>Day or Nights</b> - Regular switching on and off of all available lights but in such a manner as to be distinct from flashing lights.	Cannot comply.	<b>Day or Night</b> - Use Series 2 signals prescribed for intercepting aircraft.	Understood
6	<b>Day or Nights</b> - Irregular flashing of all available lights.	In distress.	<b>Day or Night</b> - Use Series 2 signals prescribed for intercepting aircraft.	Understood

# Light Gun Signals

Color and Type of Signal	Movement of Vehicles, Equipment and Personnel	Aircraft on the Ground	Aircraft in Flight
Steady Green 	Cleared to Cross, Proceed or Go	Cleared for Take-off	Cleared to Land
Flashing Green 	Not Applicable	Cleared for Taxi	Return for Landing, to be Followed by Steady Green at the Proper Time
Steady Red 	STOP	STOP	Give Way to Other Aircraft and Continue Circling
Flashing Red 	Clear the Taxiway/Runway	Taxi Clear of the Runway in Use.	Airport Unsafe, Do not Land
Flashing White 	Return to Starting Point on Airport	Return to Starting Point on Airport	Not Applicable
Alternating Red and Green 	Exercise Extreme Caution	Exercise Extreme Caution	Exercise Extreme Caution



# 10 Ways To Help Prevent Runway Incursions

**1 See The “Big Picture”**  
Monitor both ground and tower communications when possible.

**2 Transmit Clearly**  
Make your instructions and read-backs complete and easy to understand.

**3 Listen Carefully**  
Listen to your clearance. Listen to what you read back. Do not let communications become automatic.

**4 Copy Clearances**  
Clearances can change. Keep a note pad and copy your clearance. If needed, refer to your notes.

**5 Situational Awareness**  
Know your location. If unfamiliar with an airport keep a current airport diagram available for easy reference.

**6 Admit When Lost**  
If you get lost on an airport, ask ATC for help. Better to damage your pride than your airplane.

**7 Sterile Cockpit**  
Maintain a sterile cockpit until reaching cruising altitude. Explain to your passengers that talking should be kept to a minimum.

**8 Understand Signs, Lights And Markings**  
Keep current with airport signs, lights and markings. Know what they mean and what action to take.

**9 Never Assume**  
Do not take clearances for granted. Look both ways before entering or crossing taxiways and runways.

**10 Follow Procedures**  
Establish safe procedures for airport operations. Then follow them.

For more information see the following:  
[www.faa.gov/airports/runway-safety](http://www.faa.gov/airports/runway-safety)

# Automated Weather Observation System

The Automated Weather Observation System (AWOS) enhances safety by providing critical airport weather information to pilots to be used for flight planning and in-flight decision-making. The system provides real-time weather observations including wind, visibility, current weather, sky conditions, temperature, dew point, altimeter setting, and remarks, such as density altitude and local airport conditions.

AWOS information can be accessed in a variety of ways, including radio frequency, telephone and weather terminals at airports with AWOS. It can also be accessed from a variety of Web sites, most AWOS information is disseminated nationwide through a system called NADIN, making it available to sources like Flight Service Stations, the National Weather Service and Weather Channel.

## What every pilot should know about AWOS

### Wind

- taken every second and a running 2-minute average is updated every 5 seconds
- wind speeds of less than 3 knots are reported as calm
- if the difference between the highest 5-second average and 2-minute average exceeds 5 knots, gusts are reported
- wind direction is reported from the nearest 10 degree magnetic heading

### Visibility

- readings are taken every 15 seconds and are averaged over a 10-minute period

### Present weather

- a precipitation sensor samples every 15 seconds
- temperature and visibility measurements are used to determine precipitation type

### Sky conditions (ceilings)

- readings are taken every 30 seconds and averaged over a 30-minute period
- ceiling measurements are rounded as follows:
  - nearest 100' up to 5000' AGL
  - nearest 500' from 5000'-10,000' AGL
  - nearest 1000' above 10,000'

### Temperature and dew point

- four, 1-minute averages are used to determine the temperature

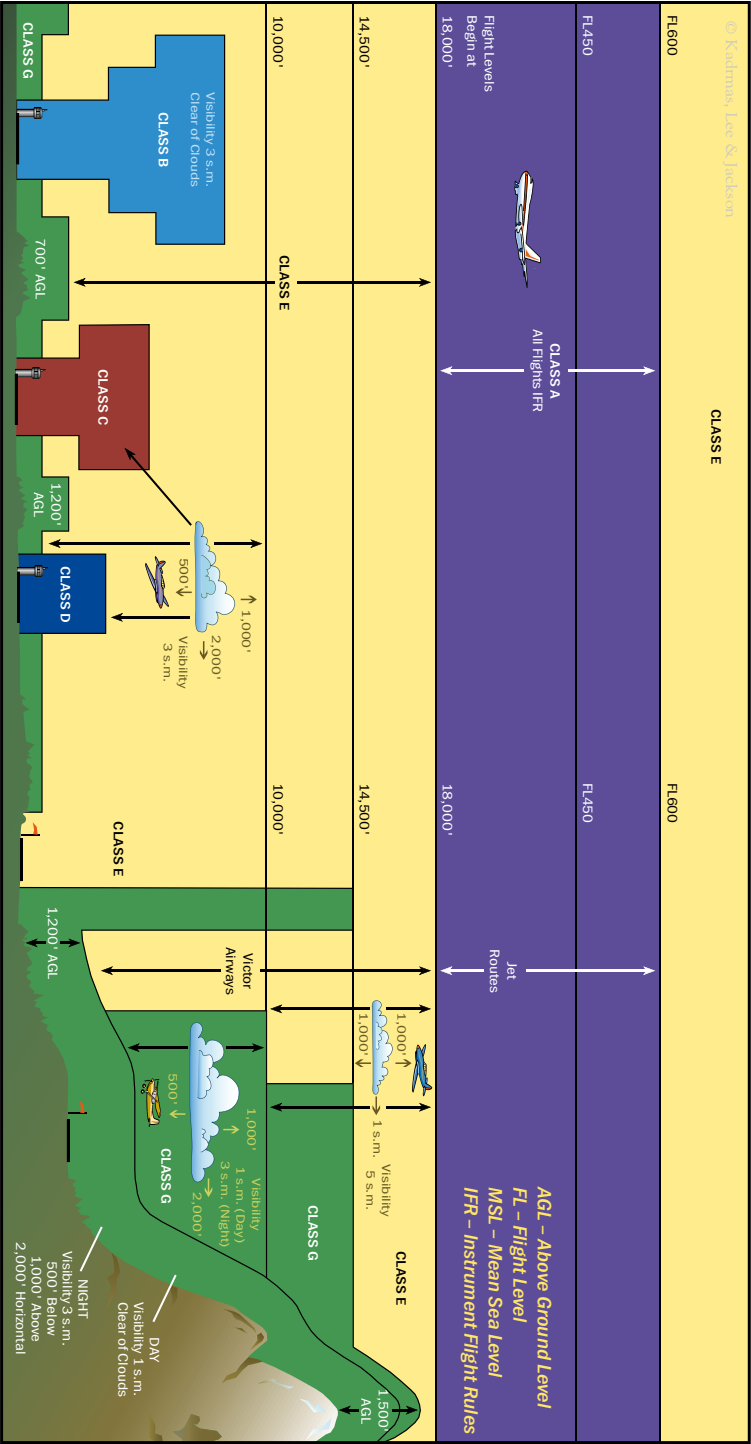
### Altimeter (barometric pressure)




- pressure sensors take readings every 10 seconds and a 1-minute average is calculated




### Remarks

- a calculated density altitude report is provided, if density altitude is greater than 1000' above the airport's field elevation
- Occasionally, airport managers will provide recorded remarks regarding NOTAM's or local airport conditions.

AWOS is maintained by the airport in North Dakota and is continuously monitored to ensure its operational status. Individual sites are also maintained and calibrated on a regular basis to ensure reliability and accuracy. As with any electronic device, care must be used when interpreting data. By knowing how AWOS data is collected, a pilot can better understand the information they are receiving.

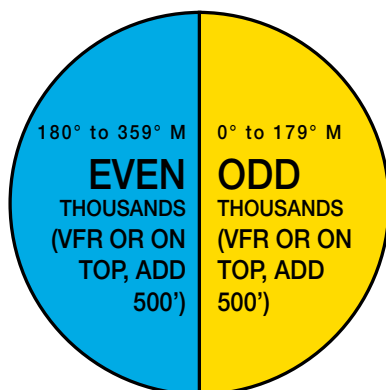


Classification	Definition
 <b>CLASS A</b>	Generally airspace above 18,000 feet MSL up to and including FL 600.
 <b>CLASS B</b>	Generally multi-layered airspace from the surface up to 10,000 feet MSL surrounding the nation's busiest airports.
 <b>CLASS C</b>	Generally airspace from the surface to 4,000 feet AGL surrounding towered airports with service by radar approach control.

Classification	Definition
 <b>CLASS D</b>	Generally airspace from the surface to 2,500 feet AGL surrounding towered airports.
 <b>CLASS E</b>	Generally controlled airspace that is not Class A, Class B, Class C, or Class D.
 <b>CLASS G</b>	Generally uncontrolled airspace that is not Class A, Class B, Class C, Class D, or Class E.

# DIRECTIONAL ALTITUDE CHART

CRUISING ALTITUDES  
(IFR WITHIN CONTROLLED AIRSPACE  
MAY BE MODIFIED BY ATC)



Below 29,000' MSL

## MORSE CODE AND PHONETIC ALPHABET

Alfa .__	Juliett .____	Sierra ...	2 ..____
Bravo ____	Kilo ____	Tango ____	3 ...__
Charlie ____	Lima ____	Uniform ____	4 ....
Delta ____	Mike ____	Victor ____	5 .....
Echo .	November ____	Whiskey ____	6 .....
Foxtrot ____	Oscar ____	Xray ____	7 .....
Golf ____	Papa ____	Yankee ____	8 .....
Hotel ....	Quebec ____	Zulu ____	9 .....
India ..	Romeo ____	1. ____	0 .....

## VFR TRANSPONDER CODES

Code 1200 – Surface to 18,000 Feet

Code 7600 – Radio Failure

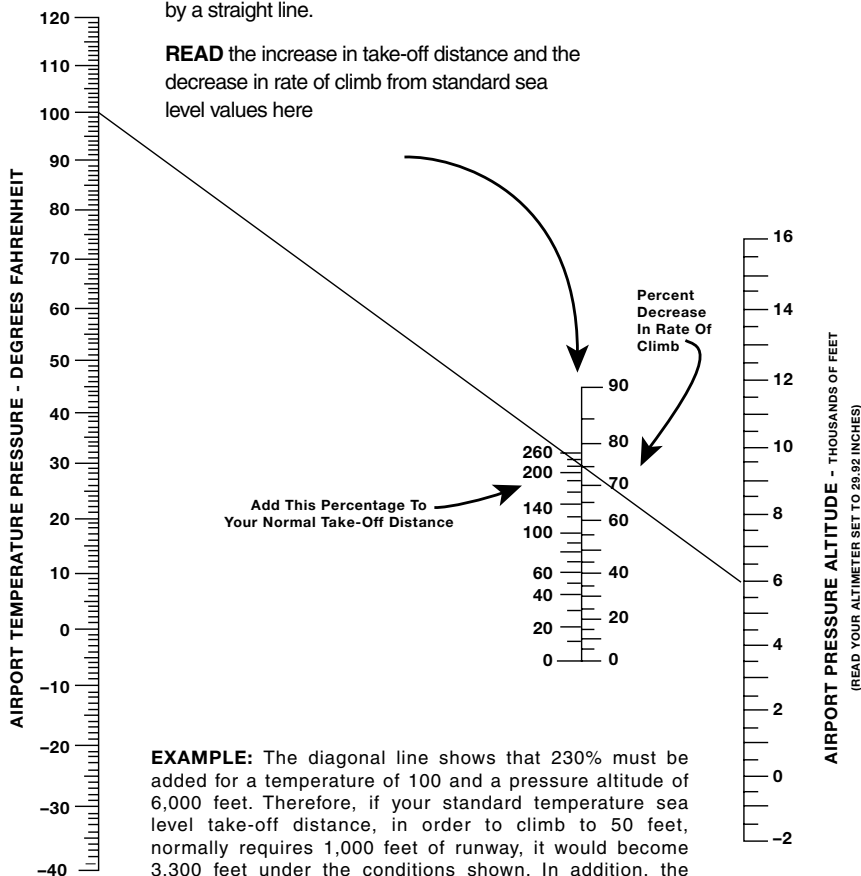
Code 7700 – Emergency



# MODIFIED KOCH CHART FOR ALTITUDE AND TEMPERATURE EFFECTS

**TO FIND** the effect of altitude and temperature  
**CONNECT** the temperature and airport altitude  
by a straight line.

**READ** the increase in take-off distance and  
the decrease in rate of climb from standard sea  
level values here



**EXAMPLE:** The diagonal line shows that 230% must be added for a temperature of 100 and a pressure altitude of 6,000 feet. Therefore, if your standard temperature sea level take-off distance, in order to climb to 50 feet, normally requires 1,000 feet of runway, it would become 3,300 feet under the conditions shown. In addition, the rate of climb would be decreased 76%. Also, if your normal sea level rate of climb is 500 feet per minute, it would become 120 feet per minute.

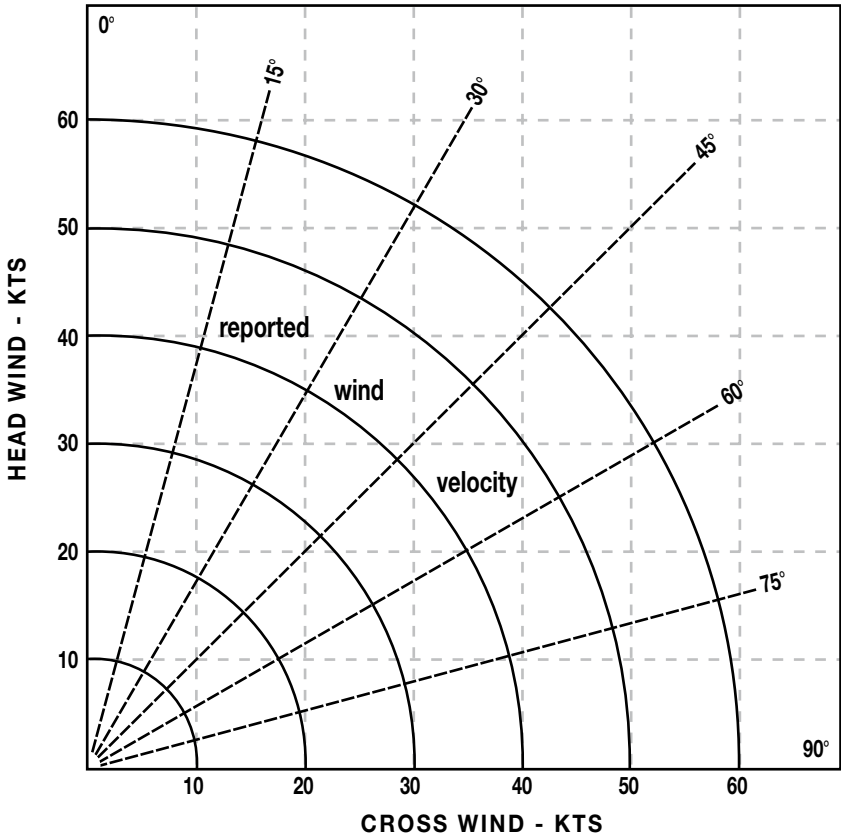
This chart indicates typical representative values for “personal” airplanes.

For exact values, consult your airplane flight manual.

The chart may be conservative for airplanes with supercharged engines.

Also, remember that long grass, sand, mud or deep snow can easily double your take-off distance.

# WIND CHART FOR TAKEOFF



## INSTRUCTIONS

1. Determine maximum 90° Cross Wind that you can handle. (Suggest 20% X Stall Speed). Place dot on 90° line at this value.
2. Determine maximum 45° Cross Wind that you can handle. (Suggest 30% X Stall Speed). Place dot on 45° line at this value.
3. Determine maximum Head Wind that you can handle. (Suggest 60% X Stall Speed). Place dot on 0° line at this value.
4. Connect dots with red line. Values to left of line are go wind velocities and directions.

LOCATION & FREQ.	REMARKS
<b>BISMARCK (BIS)</b> ASOS Vortac/DME 116.5 ILS 31 110.3 ILS 13 111.5 RCO 122.2 Tower/CTAF 118.3 Ground 121.9 App/Dep Con 126.3 ATIS 119.35 Unicom 122.95 Center 135.25	(701) 255-7563 HIWAS Rwy 31 Rwy 13 GFK FSS Tower Open (1200-0600Z)
<b>BOTTINEAU (DO9)</b> Center 127.6 Minot APP/Dep 119.6 Unicom/CTAF 122.8 awos-3 118.25 remark 701-225-2688	MPLS Center
<b>BOWMAN (BWW)</b> AWOS-3 118.075 Center 126.85 RCO 122.4 Unicom/CTAF 122.8	(701) 523-3412 Salt Lake Center
<b>CARRINGTON (46D)</b> AWOS-3 118.575 Center 124.2 UNICOM/CTAF 122.9	701-652-1875 MPLS Center
<b>CASSELTON (5N8)</b> Center 127.35 Fargo APP/Dep 120.4 Vortac FAR 116.2 Unicom/CTAF 122.8	
<b>CAVALIER (2C8)</b> AWOS-3 118.275 Devils Lake RCO 122.3 Unicom/CTAF 122.8	701-265-8050 GFK Radio
<b>COOPERSTOWN (S32)</b> AWOS-3 118.750 Jamestown RCO 123.6 Unicom/CTAF 122.9	701-797-2566 GFK Radio
<b>CROSBY (D50)</b> AWOS-3 118.025 Center 126.85 Unicom/CTAF 122.9	701-965-6732 Salt Lake Center
<b>DEVILS LAKE (DVL)</b> AWOS-3 125.875 Vortac/DME 111.0 ILS 31 108.7 RCO 122.3 Unicom/CTAF 122.8	(701) 662-7214 Hiwas Rwy 31 GFK FSS

LOCATION & FREQ.	REMARKS
<b>DICKINSON (DIK)</b> ASOS 118.375 VOR DME 112.9 ILS 32 108.3 RCO 122.2 Center 124.25 Unicom/CTAF 123.0	(701) 227-0280 HIWAS Rwy 32 GFK FSS MPLS Center
<b>FARGO (FAR)</b> ASOS Vortac W 116.2 RCO 122.425 ILS 18 108.9 ILS 36 110.3 App/Dep Con 120.4 Center 127.35 Tower 133.8 Ground 121.9 ATIS 124.5 Unicom 122.95	(701) 298-3877  GFK FSS Rwy 18 Rwy 36
<b>GARRISON (DO5)</b> Center 127.6 Unicom/CTAF 122.9	MPLS Center
<b>GLEN ULLIN (D57)</b> AWOS 118.75 Center 124.25 RCO 122.45 Unicom/CTAF 122.9	(701) 348-9581
<b>GRAFTON (GAF)</b> AWOS-3 118.625 Center 132.15 GFK App/Dep 118.1 Unicom/CTAF 122.8	(701) 352-0581
<b>GRAND FORKS (GFK)</b> ASOS Vortac/DME 114.3 ILS 35L 109.1 LOC BC Rwy17R 109.1 RCO 122.2-122.6 App/Dep Con 118.1 Center 132.15 Tower/CTAF 118.4-120.55 Ground 124.575 ATIS 119.4 Unicom 122.95 Clearance 135.725	(701) 772-3486 HIWAS Rwy 35L Rwy 17R GFK FSS  MPLS CTAF Tower Open (1200-0530)
<b>GWINNER (GWR)</b> AWOS 118.325 Center 127.35 Unicom/CTAF 122.7	(701) 678-6801 MPLS Center



LOCATION & FREQ.	REMARKS
<b>HARVEY (5H4)</b> AWOS-3                    118.825 Center                    135.25 Unicom/CTAF            122.8	(701) 324-2058 MPLS Center
<b>HAZEN (HZE)</b> AWOS-3                    118.675 Center                    124.25 RCO                        122.45 Unicom/CTAF            122.8	(701) 748-2443 MPLS Center GFK FSS
<b>HETTINGER (HEI)</b> ASOS                        119.925 Center                    124.25 Unicom/CTAF            122.8	(701) 567-4594 MPLS Center
<b>HILLSBORO (3H4)</b> Center                      127.35 Fargo App/DEP            120.4 Unicom/CTAF            122.9	
<b>JAMESTOWN (JMS)</b> ASOS                        118.425 VOR/DME                  114.5 ILS 31                      109.3 RCO                        123.6 Center                    124.2 Unicom/CTAF            123.0	(701) 251-9002 HIWAS Rwy 31 GFK FSS MPLS Center
<b>KENMARE (7K5)</b> Center                      127.6 Minot App/DEP            119.6 Unicom/CTAF            122.8	MPLS Center
<b>MANDAN (Y19)</b> AWOS-3                    118.225 Bismarck App/DEP        126.3 Center                    135.25 Unicom/CTAF            122.8 VOR/DME                  116.5	(701) 663-0271 (1200-0600Z) MPLS Center (0600-1200Z)  HIWAS
<b>MINOT (MOT)</b> ASOS                        118.725 Vortac W                   117.1 ILS 31                      111.9 LOC BC Rwy 13            111.9 App/Dep Con              119.6 Tower/CTAF              118.2 Ground                    121.9 RCO                        122.2 Unicom                    122.95 Center                    127.6	(701) 837-9379 HIWAS Rwy 31 Rwy 13 Minot Air Base CTAF Tower open (1300-0400Z)  GFK FSS  MPLS Center

LOCATION & FREQ.	REMARKS
<b>MOHALL (HBC)</b> Minot App/DEP Con. 119.6 Center 127.6 Unicom/CTAF 122.8	
<b>Northwood (4V4)</b> Grand Forks App/DEP 118.1 Unicom/CTAF 122.8	
<b>OAKES (2D5)</b> AWOS-3 118.675 Center App/DEP 124.2 Unicom/CTAF 122.9	(701) 742-3991 MPLS Center
<b>PEMBINA (PMB)</b> VORTAC 112.4 FSS 122.1 R Center 132.15 Unicom/CTAF 122.8	MPLS Center
<b>ROLLA (06D)</b> AWOS-3 118.125 Center 127.6 RCO 122.65 Unicom/CTAF 122.8	(701) 447-0055 MPLS Center GFK FSS
<b>RUGBY (RUG)</b> AWOS-3 118.475 RCO 122.2 Unicom/CTAF 122.8	(701) 776-6100 GFK FSS
<b>STANLEY (08D)</b> AWOS-3 121.1 Center App/DEP 127.6 Unicom/CTAF 122.9	(701) 628-1737 MPLS Center
<b>TIOGA (D60)</b> AWOS-3 118.575 Center 127.6 Unicom/CTAF 122.9	(701) 664-4490 MPLS Center
<b>VALLEY CITY (BAC)</b> AWOS-3 118.725 Center App/DEP 124.2 Unicom/CTAF 122.8	(701) 845-9117 MPLS Center
<b>WAHPETON (BWP)</b> AWOS-3 127.875 Vortac 116.2 RCO 122.425 Unicom/CTAF 123.0	(701) 642-9800

LOCATION & FREQ.	REMARKS
<b>WALHALLA (96D)</b> <b>Center App/DEP</b> 132.15 <b>Unicom/CTAF</b> 122.9	<b>MPLS Center</b>
<b>WATFORD CITY (S25)</b> <b>Center</b> 126.85 <b>Unicom/CTAF</b> 122.8	<b>Salt Lake Center</b>
<b>WILLISTON (ISN)</b> <b>ASOS</b> 125.92 <b>VORTAC</b> 116.3 <b>ILS 29</b> 108.7 <b>Center</b> 126.85 <b>RCO</b> 123.6 <b>Unicom/CTAF</b> 122.8	<b>(701) 774-3124</b> <b>HIWAS</b> <b>Rwy 29</b> <b>Salt Lake Center</b> <b>GFK FSS</b>

## Temporary Flight Restrictions

**FAA NOTAMS 1-877-487-6867**  
**<https://pilotweb.nas.faa.gov>**

While TFR's may be triggered by different events, it is important that pilots familiarize themselves with each type of restriction, and how it may impact a pilot's proposed flight. Of equal importance, pilots must know how best to gain information concerning TFR's before each flight. Inadvertent flight into a TFR not only places a pilot's certificate at risk; it also increases the chances of being intercepted by military or law enforcement aircraft. Straying into TFR airspace may also increase the risk of a mid-air collision.

For further information on TFR's, you may visit FAA's website at <http://tfr.faa.gov> While flying in the vicinity of the Grand Forks Airport (KGFK), please familiarize yourself with the TFR located to the west of the airport.



## AIR TRAFFIC CONTROLLER (ATCT)

Bismarck ATCT – 701-223-8790  
 Fargo ATCT – 701-239-5188  
 Grand Forks ATCT – 701-775-2898  
 Minot ATCT – 701-852-2346

# ASOS or AWOS

CITY	ID.	FREQ.	PHONE
Beach	2OU	118.175	(701) 872-9225
Bismarck	BIS	119.35*	(701) 255-7563
NWS			<b>** (701) 223-4582</b>
Bowman	BWW	118.075	(701) 523-3412
Bottineau	D09	118.25	(701) 228-2688
Cando	9D7	118.325	(701) 968-3625
Carrington	46D	118.575	(701) 652-1875
Cavalier	2C8	118.275	(701) 265-8050
Cooperstown	S32	118.750	(701) 797-2566
Crosby	D50	118.025	(701) 965-6732
Devils Lake	DVL	125.875	(701) 662-7214
Dickinson	DIK	118.375	(701) 227-0280
Fargo	FAR	124.50*	(701) 298-3877
Glen Ullin	D57	118.75	(701) 348-9581
Grafton	GAF	118.625	(701) 352-0581
Grand Forks	GFK	119.40*	(701) 772-3486
NWS			<b>** (701) 772-0720</b>
Gwinner	GWR	118.325	(701) 678-6801
Harvey	5H4	118.825	(701) 324-2058
Hazen	HZE	118.675	(701) 748-2443
Hettinger	HEI	119.925	(701) 567-4594
Jamestown	JMS	118.425	(701) 251-9002
Langdon	D55	118.225	(701) 256-2121
Linton	7L2	118.175	(701) 254-4965
Mandan	Y19	118.225	(701) 663-0271
Minot	MOT	118.725	(701) 837-9379
Oakes	2D5	118.675	(701) 742-3991
Rolla	06D	118.125	(701) 477-0055
Rugby	RUG	118.475	(701) 776-6100
Stanley	08D	121.1	(701) 628-1737
Tioga	D60	118.575	(701) 664-4490
Valley City	BAC	118.725	(701) 845-9117
Wahpeton	BWP	127.875	(701) 642-9800
Watford City	S25	118.175	(701) 842-4855
Williston	ISN	125.92	(701) 774-3124
NWS			<b>** (701) 572-3198</b>

\*ATIS \*\*NATIONAL WEATHER SERVICE (NWS)



## AIRPORT IDENTIFIERS

IDENT.	LOCATION	CTAF	IDENT.	LOCATION	CTAF
1A2	Arthur	122.9	D55	Langdon	122.8*
ASY	Ashley	122.9*	2L1	Larimore	122.9
20U	Beach	122.8*	D31	Leeds	122.8*
95D	Beulah	122.9*	4N4	Lidgerwood	122.9
BIS	Bismarck	118.3* -TWR	7L2	Linton	122.9*
D09	Bottineau	122.8*	6L3	Lisbon	122.9
5B4	Bowbells	122.9	7G2	McClusky	122.9*
BWW	Bowman	122.8*	8M6	McVillie	122.9
9D7	Cando	122.9*	6D3	Maddock	122.9
46D	Carrington	122.9*	Y19	Mandan	122.8*
5N8	Casselton	122.8*	D56	Mayville	122.8*
2C8	Cavalier	122.8*	4R6	Milnor	122.9
D49	Columbus	122.9	MOT	Minot	118.2* -TWR
S32	Cooperstown	122.9*	D06	Minto	122.9
D50	Crosby	122.9*	HBC	Mohall	122.8*
DVL	Devils Lake	122.8*	3P3	Mott	122.9*
DIK	Dickinson	123.0*	5B5	Napoleon	122.9*
D29	Drayton	122.9*	8J7	New Rockford	122.9
S28	Dunseith	122.8	05D	New Town	122.9*
51D	Edgeley	122.8*	4V4	Northwood	122.8*
Y71	Elgin	122.9*	2D5	Oakes	122.9*
4E7	Ellendale	122.9*	64G	Page Regional	122.9
5N4	Enderlin	122.9*	Y37	Park River	122.8*
FAR	Fargo	133.8 - TWR	Y74	Parshall	122.8*
D24	Fessenden	122.9*	PMB	Pembina	122.8*
Y27	Fort Yates	122.9	Y99	Plaza	122.9
9G9	Gackle	122.9	4E8	Richardton	122.9
D05	Garrison	122.9*	37N	Riverdale	122.9
D57	Glen Ullin	122.9*	2H9	Rolette	122.8*
GAF	Grafton	122.8*	06D	Rolla	122.8*
GFK	Grand Forks	118.4* -TWR	RUG	Rugby	122.8*
GWR	Gwinner	122.7*	4S5	St. Thomas	122.9*
5H4	Harvey	122.8*	08D	Stanley	122.9*
6H8	Hazleton	122.9	D60	Tioga	122.9*
HZE	Hazen	122.8*	D61	Towner	122.8*
HEI	Hettinger	122.8*	91N	Turtle Lake	122.8*
3H4	Hillsboro	122.9*	BAC	Valley City	122.8*
JMS	Jamestown	123.0*	BWP	Wahpeton	123.0*
7K5	Kenmare	122.8*	96D	Walhalla	122.9*
9Y1	Killdeer	122.9*	5C8	Washburn	122.9*
K74	Kindred	122.9*	S25	Watford City	122.8*
D03	Kulm	122.9	D54	West Fargo	122.7*
5L0	Lakota	122.9*	D64	Westhope	122.9*
4F9	LaMoure	122.9*	XWA	Williston	122.8*
			6L5	Wishek	122.9*

\* - Aircraft Radio Controlled Airport Lighting Activation and/or increase intensity level through 3, 5, or 7 microphone clicks.



— State of —  
**North Dakota**  
*Office of the Governor*

Doug Burgum  
*Governor*



Welcome to the Legendary Skies of North Dakota!

As you plan your business or vacation flight, we invite you to take a scenic journey through our state. Discover the stunning beauty of our diverse landscape and the abundant recreational opportunities that make North Dakota an exceptional destination to include on your flight plan. Our state offers many great adventures, breathtaking natural wonders and exciting events for residents and visitors alike.

North Dakota's aviation industry enjoys a well-earned reputation as a world leader in cutting-edge technology and research. The John D. Odegard School of Aerospace Sciences at the University of North Dakota in Grand Forks operates the largest civilian training fleet in the world. The Northern Plains UAS Test Site and Grand Sky, the only public-private UAS campus in the nation, continue to lead the nation in UAS research and development as we work to find a solution to integrating UAS into the national airspace system and continue to deploy Vantis, our first-of-its-kind network for beyond visual line of sight (BVLOS) operations.

As North Dakota continues efforts to strengthen its position as an aerospace industry leader, our state remains committed to fostering an innovative and nurturing environment where the spirit of entrepreneurial ideas can take flight.

We trust you will enjoy your time here, on the ground and in our skies, as you create lasting memories and experience all that North Dakota has to offer.

Safe travels,

Doug Burgum



Commissioners

Kyle Humann, Chair, Bismarck  
Dr. Kim Kenville, Vice Chair, Grand Forks  
Warren Pietsch, Minot  
Jay B. Lindquist, Hettinger  
Steve Blazek, Fargo

**Mission**

*To serve the public by providing economic and technical assistance for the aviation community while ensuring the safe and cost-effective advancement of aviation in North Dakota.*