



AERO CHART

WEST BEND

VFR TRANSPONDER CODES

OPERATION	CODE
VFR	1200
Hijack	7500
Radio Failure	7600
Emergency	7700

(See AIM)

TIME CONVERSION

To convert from:

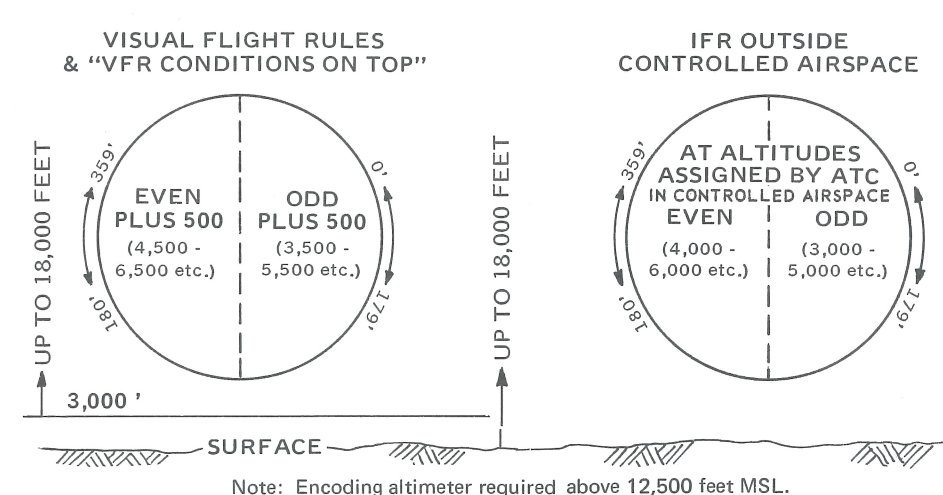
Central Standard to ZULU—add 6 hours

Central Daylight to ZULU—add 5 hours

Eastern Standard to ZULU—add 5 hours

Eastern Daylight to ZULU—add 4 hours

CRUISING ALTITUDES



Note: Encoding altimeter required above 12,500 feet MSL.

SIGNAL LIGHT PROCEDURES

SIGNAL	ON GROUND	IN FLIGHT
STEADY GREEN	Cleared for take-off	Cleared to land
FLASHING GREEN	Cleared to taxi	Return for landing to be followed by steady green (up to 1000' limit)
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	General warning—Exercise extreme caution
ALTERNATING RED & GREEN		

TO ACKNOWLEDGE TOWER SIGNALS
DAY - Rock wings - Move controls
NIGHT - Blink navigation or landing lights

AIRPORTS OPEN TO PUBLIC

Airport	Contact	Area Code	Tel. No.
AMERY MUNICIPAL	B M Aviation	715	868-2171
ANTIGO LANGLADE COUNTY	Alpha Aviation	715	823-4525
APPLETON OUTAGAMIE CO.	Maxair, Inc.	414	734-2641
	K. C. Aviation, Inc.	414	739-0324
	Norstar Aviation	414	731-7099
ASHLAND J.F. KENNEDY	Ashland Air Service	715	862-4010
BARABO-WISCONSIN DELLS	True Flight Aviation	608	356-3101
BARON MUNICIPAL	Peterson Air Service	715	837-5488
BELOIT	Avionics Place	608	365-2661
	General Aviation Corp.	608	365-1971
BIRCHWOOD TAG-A-LONG	B.G. Kernen	715	354-3458
BLACK RIVER FALLS AREA	Art Frederickson	715	284-5357
BLOOMER MUNICIPAL	James Southworth	715	566-5663
BROOKFIELD	Boscobel Airport	608	375-9000
BOULDER JUNCTION	Tuffs-Edgcombe Flying	715	385-2293
BOYCEVILLE MUNICIPAL	Boyceville Airways	715	832-2253
BROOKFIELD	Dunn County Aviation	715	843-5611
BURLINGTON MUNICIPAL	Jensky Edging	608	891-4202
CABLE-UNION	Cardinal Aircraft Serv.	414	763-9509
CASVILLE MUNICIPAL	Parod Flying Service	715	798-3240
CHETEK MUNICIPAL	Charles Russell	608	725-5719
CLINTONVILLE MUNICIPAL	I.C. Beutling	612	483-2862
	Airtronics	715	823-2161
	Ag-Air, Inc.	715	823-6748
	Bill's Biplane, Inc.	715	823-6711
	Brennan Air Freight	715	823-6716
	K. Follett	715	228-4821
	Tom Smith	715	239-6244
	Walt Wenberg	715	742-3328
	F.M. Van Hoof	608	438-4701
CRANDON MUNICIPAL	Eldon Ray Johnson	715	478-3325
CRIVITZ MUNICIPAL	Edward W. Shaffer	715	854-2181
CUMBERLAND MUNICIPAL	Dennis Rockwood	715	823-2752
DELANE LAKE LAWN	Lake Lawn Lodge	414	728-5511
DOUGVILLE	Don-Q-Inn	608	935-2321
DRUMMOND EAU CLAIRE	Eau Claire Lakes	715	795-2553
LAKES			
DURAND GIFFORD	Gifford Aviation	715	672-5050
EAGLE RIVER UNION	Northwinds Aviation, Inc.	414	479-6231
EAST TROY MUNICIPAL	Milwaukee Exec. Char.	414	824-5164
EAU CLAIRE MUNICIPAL	Gibson Aviation Service	715	835-3181
EDGERTON TOBACCO CITY	J. & H. Flyers	608	884-8242
ELROY MUNICIPAL	Southern Wis. Airways	608	884-4830
FELPHAM-FISH CREEK	Richard L. Braund	608	468-4800
FOND DU LAC COUNTY	Jerry Coy	414	854-2332
FORT ATKINSON MUNICIPAL	Fond du Lac Skyport	414	922-6000
FRANKLIN RAINBOW	Dennis Siegle	414	563-5584
FRIENDSHIP ADAMS CO.	Adolf Pawelek	608	339-3388
GENOA CITY VINCENT	Florian Majewski	414	278-5934
GLIDEN MUNICIPAL	Stephen Schraunagel	715	264-3341
GRANTSBURG MUNICIPAL	R. C. Satterlund	715	465-5610
GREEN BAY-AUSTIN	Executive Air Piper Sales	414	499-4545
STRAUBEL	Green Bay Aviation	414	494-2324
	Jet Air	414	497-4900
HARTFORD MUNICIPAL	Triggs Aviation Corp.	414	673-4859
HAYWARD MUNICIPAL	Hayward Aviation	715	634-4624
HILLSBORO KICKAPOO	Warner Creek Cheese Co.	608	489-2651
IOLA CENTRAL COUNTY	Russell Arnold	715	754-5060
IRONWOOD MICHIGAN	Blake Air Service	906	932-3121
JANESVILLE ROCK COUNTY	Hodge Aero, Inc.	608	752-1390
	General Aviation Corp.	608	756-1234
	OmniFlight Helicopters	608	754-2063
	Aircraft Maint. Serv.	608	756-0381
	Blackhawk Airways	608	756-0381
	Beaver Aviation Inc.	414	386-2636
	Marland Aviation	414	386-3077
	Kenosha Aero	414	658-2025
	K-Airways, Inc.	414	658-4500
	State Line Avionics	414	657-9331
	Burt Air Freight	414	654-3546
	D & H Flying Service	414	654-1252
	Gateway Tech Institute	414	656-6976
	Viking Aviation, Inc.	608	762-1120
	La Crosse Fite Center	608	784-5567
	Lake Flambeau Flying	715	532-5378
	Pedersen Aircraft	715	532-6276
	Geneva Aviation	414	248-8803
	Don Bartels	715	276-6228
	Lancaster Aviation	608	728-4366
	Land O'Lakes Flying	715	547-3336
	Richard Knutson	608	592-3712
	McCabe Aviation Corp.	608	583-3065
	Warren Anderson	715	747-3685
	Air One	608	249-1139
	Four Lakes Aviation	608	249-2189
	Frickleton Aviation Co.	608	249-4478
	Halverson Aviation	608	244-4140
	Rotor Aire, Inc.	608	249-6404
	C.A. Phillips	715	543-8807
	Chaplin Aviation, Inc.	414	682-0043
MANITOWISH WATERS			
MANITOWOC COUNTY			

FAA TELEPHONE NUMBERS

Chicago, Ill. (Du Page) FSS	312-626-8266
Eau Claire, Wis. FSS	715-835-2289
FSDO #61-Milwaukee	414-747-5531
GADO #3-Chicago	312-584-4480
GADO #14-Minneapolis	612-725-3341
Green Bay, Wis. FSS	414-494-7417
Hibbing, Min. FSS	218-262-3826
Houghton, Mich. FSS	906-482-0380
La Crosse, Wis. FSS	608-784-3170
Lone Rock, Wis. FSS	608-583-2861

(8000-1600) (other hrs. LaCrosse 583-5011)

Madison, Wis. (Milwaukee) FSS	608-257-1511
Marquette, Mich. FSS	906-475-4197
Milwaukee, Wis. FSS	414-481-1080
Minneapolis, Min. FSS	612-726-1130
Rochford, Ill. FSS	815-965-6758
Wausau, Wis. FSS	715-845-7396

FLIGHT PLAN SEQUENCE

1. Type of Flight Plan
2. Aircraft Identification No.
3. Aircraft Type/Special Equipment *
4. True Airspeed (Knots)
5. Departure Point
6. Departure Time (Proposed and Actual)
7. Cruising Altitude
8. Route of Flight
9. Destination (Name of Airport and City)
10. Estimated Time Enroute (Hours and Minutes)
11. Remarks
12. Fuel on Board (Hours and Minutes)
13. Alternate Airport (s)
14. Pilot's Name, Address and Telephone No.
15. Number Aboard
16. Color of Aircraft

* SPECIAL EQUIPMENT SUFFIX

- /X- No transponder.
- /T- Transponder with no altitude encoding capability.
- /U- Transponder with altitude encoding capability.
- /D- DME, no transponder.
- /B- DME, transponder with no altitude encoding capability.
- /M- DME, transponder with altitude encoding capability.
- /N- TACAN-only, no transponder.
- /P- TACAN-only, transponder with no altitude encoding capability.
- /Q- TACAN-only, transponder with altitude encoding capability.
- /C- RNAV, transponder with no altitude encoding capability.
- /F- RNAV, transponder with altitude encoding capability.
- /W- RNAV, no transponder.

CLOSE FLIGHT PLAN

CEILING AND VISIBILITY MINIMUMS VFR FLIGHT

VISIBILITY	DISTANCE FROM CLOUDS
CONTROL ZONE 3 miles (1)	500 feet under (1) 1,000 feet over (1) 2,000 feet horizontally (1) and 1,000-foot ceiling
CONTROLLED 3 miles AIRSPACE	500 feet under 1,000 feet over 2,000 feet horizontally
BELOW 10,000 MSL	1,000 feet under 1,000 feet over 1 mile horizontally
AND AT LEAST 5 Miles	1,000 feet under 1,000 feet over 1 mile horizontally
1,200 FEET ABOVE THE SURFACE	1,200 ft. AGL or BELOW 500 feet under 1,000 feet over 2,000 feet horizontally
OUTSIDE CONTROLLED AIRSPACE	1 mile (2) clear of clouds

- (1) No person may operate an aircraft within a control zone beneath a ceiling of 1,000' or with visibility of less than 3 miles, unless a special VFR clearance is obtained from the controlling agency. All flights shall remain clear of clouds.
- (2) Helicopters are exempt when operated at or below 1,200 feet and at reduced air-speed.

For Definitions - See AIM-Part I.

RESTRICTED AREAS

Location	Altitude	Time	Controlling Agency
R-6901 Fort McCoy	To 20,000	Continuous	FAA, Chicago ARTC Center or area FSS, C.O., Fort McCoy
R-6903 Sheboygan	To FL 450	Continuous sunrise to sunset	FAA, Chicago ARTC Center or area FSS, Comdr. Volk Field
R-6904A Volk Field	150 AGL to 17,000	Sunrise to 1900 or by NOTAM	FAA, Chicago ARTC Center or area FSS, Comdr. Volk Field
R-6904B Volk Field	To 17,000	Sunrise to 1900 or by NOTAM	FAA, Chicago ARTC Center or area FSS, Comdr. Volk Field
R-6905A Lake Michigan	To 6,000	As activated by NOTAM 12 hrs. in advance	FAA, Chicago ARTC Center or area FSS, University of Wisconsin
R-6905B Lake Michigan	To 6,000	As activated by NOTAM 12 hrs. in advance	FAA, Chicago ARTC Center or area FSS, University of Wisconsin

R—Restricted

↑—Controlling Agency

Unless otherwise noted: Altitudes are MSL and in feet; time is local. No person shall operate an aircraft within a Restricted Area, or within a Restricted Area between the designated altitudes during the time of designation unless prior permission has been issued by the appropriate authority as listed above. The appropriate authority is defined as either the controlling agency (1) or the using agency. Flight within Alert Areas is not restricted, but pilots are advised to exercise extreme caution.

SEAPLANE OPERATIONS

SEAPLANE BASES OPEN TO PUBLIC

1. Boulder Junction
2. Green Bay—Fossil
3. Janesville—Archie's
4. Janesville—Jakes'
5. LaCrosse—Schaefer
6. La Pointe—Madeline Island Marina
7. Lac du Flambeau—Franks
8. Ladysmith—Lake Flambeau-Rusk County
9. Madison—Moh's
10. Shawano Municipal
11. Wausau

*No Services

SPECIAL NOTICE: Seaplane Restrictions — Seaplane pilots are warned that over 60 known bodies of water in Wisconsin have seaplane prohibitions or restrictions. All seaplane pilots are urged to contact local law enforcement agencies adjoining bodies of water of intended use before using surface waters in this state. For further information contact Wisconsin D.O.T., Aeronautics, P.O. Box 7914, Madison, WI 53707

CAUTION: LISTED RUNWAY LENGTHS MAY NOT BE USEABLE LENGTHS

LIGHT ACTIVATION CODES

All **public** airports listed below have at least one runway lighted at some intensity (original condition) during the hours of darkness. If lights are off during daylight hours, the radio control procedures listed below will activate lighting systems. All systems return to their original condition **15 minutes** after the last command.

AIRPORT	FREQUENCY	CLICKS IN 5 SECONDS	LIGHTS AND INTENSITY
ANTIGO LANGLADE CO.	122.8 Mhz	3 5 7	RWY 16/34 AND TWY TO LOW RWY 16/34 AND TWY TO MEDIUM RWY 16/34 AND TWY TO HIGH, REIL RWY 16 ON
APPLETON OUTAGAMIE COUNTY	119.6 Mhz	3 5 7	RWY 3 SSALR TO LOW RWY 3 SSALR TO MEDIUM RWY 3 SSALR TO HIGH
ASHLAND J. F. KENNEDY	122.8 Mhz	3 5 7	RWY 2/20 TO LOW, RWY 13/31 TO PRESET INTENSITY, TWY ON RWY 2/20 TO MEDIUM, RWY 13/31 TO PRESET INTENSITY, TWY ON RWY 2/20 TO HIGH, RWY 13/31 TO PRESET INTENSITY, TWY ON, REIL RWY 2 ON
BLACK RIVER FALLS	122.8 Mhz	3	RWY 8/26 AND TWY ON
BOYCEVILLE	121.7 Mhz	5	RWY 4/22 AND BEACON ON
BROOKFIELD CAPITOL DRIVE	122.8 Mhz	5	RWY 3/21 ON
BURLINGTON	122.8 Mhz	3 5 7	RWY 11/29 AND TWY TO LOW, VASI RWY 29 ON RWY 11/29 AND TWY TO MEDIUM, VASI RWY 29 ON RWY 11/29 AND TWY TO HIGH, VASI RWY 29 ON
CABLE UNION	122.8 Mhz	3 5 7	RWY 16/34 ON RWY 16/34 ON RWY 16/34 ON, REIL RWY 16 ON
CHETEK	122.8 Mhz	3	RWY 17/35 ON
JANESVILLE ROCK COUNTY (WHEN TOWER IS CLOSED)	118.8 Mhz	3 5 7	RWY 4/22 TO PRESET INTENSITY, MALSR RWY 4, RWY 13/31 TO LOW, TWY TO MEDIUM RWY 4/22 TO PRESET INTENSITY, MALSR RWY 4, TWY, AND RWY 13/31 TO MEDIUM RWY 4/22 TO PRESET INTENSITY, MALSR RWY 4, TWY, AND RWY 13/31 TO HIGH, REIL RWY 31 ON
JUNEAU DODGE COUNTY	122.7 Mhz	5	RWY 2 AND 20 REILS ON
KENOSHA	122.8 Mhz	3 5	RWY 6/24 AND 14/32 TO MEDIUM, REILS RWY 6, 14, AND 32 ON RWY 6/24 TO MEDIUM, RWY 14/32 TO HIGH, REILS RWY 6, 14, AND 32 ON
LAKE NEBAGAMON VALLEY FARM LODGE	122.8 Mhz	5	RWY 18/36 ON
LAND O' LAKES KINGS	122.8 Mhz	3	RWY 14/32 ON
LONE ROCK TRI-COUNTY	122.8 Mhz	3 5 7	RWY 9/27 TO LOW RWY 9/27 TO MEDIUM RWY 9/27 TO HIGH
MANITOWOC MUNICIPAL	122.8 Mhz	3 5 7	RWYS 17/35 AND 7/25 TO LOW RWYS 17/35 AND 7/25 TO MEDIUM RWYS 17/35 AND 7/25 TO HIGH, REIL RWYS 17 AND 35 ON
MEDFORD TAYLOR COUNTY	122.8 Mhz	3 5 7	RWY 15/33 TO LOW, TWY ON, VASI RWYS 15 AND 33 ON RWY 15/33 TO MEDIUM, TWY ON, VASI RWYS 15 AND 33 ON RWY 15/33 TO HIGH, TWY ON, VASI RWYS 15 AND 33 ON, REIL RWY 33 ON
MIDDLETON MOREY	123.5 Mhz	5	RWY 13/31 ON, REIL RWY 13 ON
MILWAUKEE TIMMERMAN	120.5 Mhz	3 5 7	RWYS 4/22 AND 15/33 TO LOW, TWY ON RWYS 4/22 AND 15/33 TO MEDIUM, TWY ON RWYS 4/22 AND 15/33 TO HIGH, TWY ON, REIL RWYS 4L, 15L, AND 22R ON
MINOCQUA WOODRUFF	122.8 Mhz	3 5 7	RWY 18/36 AND N. TWY TO LOW, RWY 10/28 AND S. TWY ON RWY 18/36 AND N. TWY TO MEDIUM, RWY 10/28 AND S. TWY ON RWY 18/36 AND N. TWY TO HIGH, REIL RWY 36, RWY 10/28 AND S. TWY ON
MOSINE CENTRAL WISCONSIN	123.0 Mhz	3 5 7	MALSR RWY 8 TO LOW MALSR RWY 8 TO MEDIUM MALSR RWY 8 TO HIGH
NEILLSVILLE	122.8 Mhz	3 7	RWY 9/27 ON, VASI RWYS 9 AND 27 ON REIL RWYS 9 ON AND 27 OFF
NEW RICHMOND MUNICIPAL	122.8 Mhz	3 5 7	RWY 14/32 AND TWY TO LOW RWY 14/32 AND TWY TO MEDIUM RWY 14/32 AND TWY TO HIGH
OSHKOSH WITTMAN FIELD (WHEN TOWER IS CLOSED)	118.5 Mhz	3 5 7	RWY 18/36 TO PRESET INTENSITY, MALSR RWY 36 TO LOW RWY 18/36 TO PRESET INTENSITY, MALSR RWY 36 TO MEDIUM RWY 18/36 TO PRESET INTENSITY, MALSR RWY 36 TO HIGH
RHINELANDER ONEIDA COUNTY	122.8 Mhz	3 5 7	RWY 9/27 TO PRESET INTENSITY, VASI RWYS 9, 27, 5 AND 23 ON, RWYS 5/23, 15/33 AND MALSR RWY 9 TO LOW RWY 9/27 TO PRESET INTENSITY, VASI RWYS 9, 27, 5 AND 23 ON, RWYS 5/23, 15/33 AND MALSR RWY 9 TO MEDIUM RWY 9/27 TO PRESET INTENSITY, VASI RWYS 9, 27, 5 AND 23 ON, RWYS 5/23, 15/33 AND MALSR RWY 9 TO HIGH, REIL RWYS 23 AND 27 ON
RICE LAKE MUNICIPAL	122.7 Mhz	3	RWY 18/36 ON
SHEBOYGAN	122.8 Mhz	3 5 7	RWYS 3/21 AND 13/31 TO LOW, TWYS AND VASI RWY 21 ON RWYS 3/21 AND 13/31 TO MEDIUM, TWYS AND VASI RWY 21 ON RWYS 3/21 AND 13/31 TO HIGH, TWYS, VASI AND REIL RWY 21 ON
STEVENS POINT MUNICIPAL	122.7 Mhz	3 5 7	RWY 3/21 TO PRESET INTENSITY, VASI RWYS 3 AND 21 ON, MALSR RWY 21 TO LOW, RWY 12/30 AND TWYS TO LOW RWY 3/21 TO PRESET INTENSITY, VASI RWY 3/21 ON, MALSR RWY 21, RWY 12/30 AND TWYS TO MEDIUM RWY 3/21 TO PRESET INTENSITY, VASI RWY 3/21 ON, MALSR RWY 21, RWY 12/30 AND TWYS TO HIGH
STURGEON BAY CHERRYLAND	122.7 Mhz	3 5 7	RWY 1/19 AND TWY TO LOW, VASI RWYS 1 AND 19 ON RWY 1/19 AND TWY TO MEDIUM, VASI RWYS 1 AND 19 ON RWY 1/19 AND TWY TO HIGH, VASI RWYS 1 AND 19 AND REIL RWY 1 ON
TOMAHAWK REGIONAL	122.8 Mhz	3 7	RWY 9/27 ON RWY 9/27 AND TWY ON
WEST BEND MUNICIPAL	122.8 Mhz	3 5 7	RWY 13/31 TO LOW, RWY 6/24 ON, VASI RWYS 13 AND 31 ON RWY 13/31 TO MEDIUM, RWY 6/24 ON, VASI RWYS 13 AND 31 ON RWY 13/31 TO HIGH, RWY 6/24 ON, VASI AND REIL RWYS 13 AND 31 ON
WISCONSIN RAPIDS	122.8 Mhz	3 5 7	RWY 2/20 TO LOW, RWY 11/29 AND TWY ON RWY 2/20 TO MEDIUM, RWY 11/29 AND TWY ON RWY 2/20 TO HIGH, RWY 11/29 AND TWY ON, REIL RWYS 2 AND 20 ON

THE FOLLOWING SYSTEM IS EXPECTED TO BE COMMISSIONED ON THE DATE INDICATED

DATE			
MERRILL MUNICIPAL JULY '81	122.8 Mhz	3 5 7	RWY 7/25, RWY 16/34 AND TWY TO LOW, VASI RWYS 7 AND 25 ON RWY 7/25, RWY 16/34 AND TWY TO MEDIUM, VASI RWYS 7 AND 25 ON RWY 7/25, RWY 16/34 AND TWY TO HIGH, VASI RWYS 7 AND 25 ON, REIL RWY 7 ON



Lowell B. Jackson, Secretary

DEPARTMENT OF TRANSPORTATION BUREAU OF AERONAUTICS

Main Office	608 266-3351
Aircraft Registration	608 266-1861
Airport Development	608 266-3354
Aviation Education and Safety	608 266-2023
Aviation Operations	608 266-2023
Administrative Services	608 266-3353

Copies of this chart may be obtained free from:

Wisconsin Department of Transportation
Bureau of Aeronautics
P.O. Box 7914
Madison, Wisconsin 53707

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