

WISCONSIN AERONAUTICAL CHART



CONTACT INFORMATION
 Main Office (608) 266-3351
 Aircraft Registration (608) 266-9657
 Website wisconsin.gov/aeronautics



NOT INTENDED FOR IN-FLIGHT NAVIGATION

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AERONAUTICAL SYMBOLS

Airports having Control Towers are shown in Blue, all others in Magenta. Consult Chart Supplement for details involving airport lighting, navigation aids, and services.

AIRPORT INFORMATION

- Airports with hard-surfaced runways
- Airports with no hard-surfaced runways
- Military airports with no hard-surfaced runways
- Seaplane Base
- Airports with fuel available
- Special traffic patterns exist - see supplement

MISCELLANEOUS

- Obstruction above 500 ft & below 1000 ft AGL
- Obstruction 1000 ft and higher AGL
- Obstruction with high-intensity lights
- Wind Turbine Farm
- Indicates airport has rotating beacon
- Kite Parachute Jumping Area
- Glider Operations
- Ultralight Activity
- Hang Glider Activity
- Stadium

HIGHWAY MARKERS

- Interstate Route Marker
- U.S. Route Marker
- State Route Marker

RADIO FACILITIES

- All VHF radio facility data are printed in blue; LF/MF radio facility data are printed in magenta
- Non-directional radio beacon
- VOR
- VORTAC
- VOR-DME

CONTROLLED AIRSPACE

- Class B Airspace
- Class C Airspace
- Class D Airspace
- Class E Airspace
- Terminal Radar Service Area (TRSA)

REPORTING CHART ERRORS

You are requested to inform us of chart errors and/or additions that come to your attention while using this chart. Please contact the WisDOT-Bureau of Aeronautics at boadataupdates@dot.wi.gov

SAFETY

We all have a role in reducing accidents, incidents and fatalities.

Although flying is still one of the safest modes of transportation, we can all work together and find ways to prevent accidents. Wisconsin pilots and mechanics have worked very hard to successfully improve our safety record, and many of them are actively participating in the FAA Wings program by attending FAA Safety Seminars across our state.

wisconsin.gov/avtraining

Safety training opportunities

The WisDOT Bureau of Aeronautics partners with the Federal Aviation Administration and others to provide safety seminars for all aviation enthusiasts. Visit FAASafety.gov often for an up-to-date listing of future events like these:

- Pro-Tips Series webinars for Mechanics, CFIs and Pilots
- "Stall Effect" seminars with WINGS flight activities
- Maintenance Conference and IA renewal seminar
- Flight instructor workshops
- Many more seminars, courses and webinars

RUNWAY INCURSIONS

Runway incursions continue to be a complex and prevalent issue. Many factors lead up to a runway incursion, excursion or incident. Pilots can help lower the number of occurrences by staying focused while the aircraft is moving, being familiar with the airport and current airport diagrams, and checking NOTAMS often for construction, weather and other non-typical situations. Pilots must plan properly for all phases of flight and that includes understanding the airport environment. It is also equally important to fully understand and follow ATC clearances and instructions and know all airport signs and markings.

"Line Up and Wait" has replaced the "Position and Hold" instruction for taxiing onto a runway to await takeoff clearance.

If you are unsure of clearance instructions, where you are or what to do, **STOP** and ask ATC for help!

ATCT Light Gun Signals

COLOR AND TYPE OF SIGNAL	AIRCRAFT ON THE GROUND	AIRCRAFT IN FLIGHT
	Cleared for takeoff	Cleared to land
	Cleared for taxi	Return for landing
	STOP	Give way and continue circling
	Taxi clear of the runway in use	Airport unsafe, do not land
	Return to starting point on airport	-
	EXERCISE EXTREME CAUTION	

RUNWAY CONDITION ASSESSMENT MATRIX (RCAM)

RUNWAY CONDITION DESCRIPTION	FICON CODE	BRAKING ACTION
• Dry	6	Good
• Frost • Wet (includes damp and less than 1/8 inch depth or less of water)	5	Good
Less than 1/8 inch (3mm) depth of: • Slush • Dry snow • Wet snow	4	Good to Medium
5°F (-15°C) and colder outside air temperature • Compacted snow	3	Medium
• Slippery when wet (wet runway) • Dry snow or wet snow (dry depth) over compacted snow	2	Medium to Poor
Greater than 1/8 inch (3mm) depth of: • Dry snow • Wet snow	1	Poor
Warmer than 5°F (-15°C) outside air temperature: • Compacted snow	0	Nil
Greater than 1/8 inch (3mm) depth of: • Water • Slush • Ice • Wet ice • Slush over ice • Water over compacted snow • Dry snow or wet snow over ice	0	Nil

For additional information see FAA Advisory Circular 91-79A

WILDLIFE

BOA has resources to help mitigate impacts to and from wildlife on and near Wisconsin airports. Additionally, wildlife may be attracted to local projects like landfills and retention/detention ponds which could adversely impact aircraft and airport operations. Proper planning and coordination is the first step in protection our states aeronautical investments. For further information or assistance regarding wildlife concerns please contact Michael Menon at michael.menon@dot.wi.gov

REPORT WILDLIFE STRIKES
wildlife.faa.gov

PILOT'S GUIDE TO AIRPORT SIGNS AND MARKINGS

TYPE OF MARKING	ACTION OR PURPOSE	TYPE OF MARKING	ACTION OR PURPOSE
B 4-22	TAXIWAY/RUNWAY HOLDING POSITION: Hold short of intersecting runway	25-7	RUNWAY/RUNWAY HOLDING POSITION: Hold short of intersecting runway
25-7	RUNWAY/RUNWAY HOLDING POSITION: Hold short of intersecting runway	8-APCH	RUNWAY APPROACH HOLDING POSITION: Hold short of protected area when instructed by ATC
8-APCH	RUNWAY APPROACH HOLDING POSITION: Hold short of protected area when instructed by ATC	ILS	ILS CRITICAL AREA HOLDING POSITION: Hold short of ILS critical area when instructed by ATC
NO ENTRY	Identifies paved areas where AIRCRAFT entry is prohibited	B	TAXIWAY LOCATION: Identifies taxiway location on which vehicle/aircraft is located
B	TAXIWAY LOCATION: Identifies taxiway location on which vehicle/aircraft is located	22	RUNWAY LOCATION: Identifies runway on which vehicle/aircraft is located
22	RUNWAY LOCATION: Identifies runway on which vehicle/aircraft is located	4	RUNWAY DISTANCE REMAINING: Identifies runway distance remaining in increments of 1,000 feet
4	RUNWAY DISTANCE REMAINING: Identifies runway distance remaining in increments of 1,000 feet	ELEVATED GUARD LIGHTS HOLD SHORT	ELEVATED GUARD LIGHTS HOLD SHORT
ELEVATED GUARD LIGHTS HOLD SHORT	ELEVATED GUARD LIGHTS HOLD SHORT	IN-PAVEMENT GUARD LIGHTS HOLD SHORT	IN-PAVEMENT GUARD LIGHTS HOLD SHORT

Airport Markings

TYPE OF MARKING	ACTION OR PURPOSE	TYPE OF MARKING	ACTION OR PURPOSE
HOLDING POSITION: Hold short of intersecting runway; also a land-and-hold-short marking	HOLDING POSITION: Hold short of intersecting runway; also a land-and-hold-short marking	HOLDING POSITION WITH ENHANCED TAXIWAY CENTERLINE: Alerts of an approaching runway	HOLDING POSITION WITH ENHANCED TAXIWAY CENTERLINE: Alerts of an approaching runway
ILS CRITICAL AREA: Hold short when instructed by ATC	ILS CRITICAL AREA: Hold short when instructed by ATC	TAXIWAY/TAXIWAY HOLDING POSITION: Hold short of intersecting taxiway when directed by ATC	TAXIWAY/TAXIWAY HOLDING POSITION: Hold short of intersecting taxiway when directed by ATC
(NOMI) MOVEMENT AREA BOUNDARY: Defines boundary of movement area and non-movement area	(NOMI) MOVEMENT AREA BOUNDARY: Defines boundary of movement area and non-movement area	SURFACE PAINTED HOLDING POSITION: Designates runway ahead in conjunction with yellow holding position marking	SURFACE PAINTED HOLDING POSITION: Designates runway ahead in conjunction with yellow holding position marking
SOLID TAXIWAY EDGE: Defines edge of usable, full-strength taxiway pavement; adjoining pavement NOT USABLE	SOLID TAXIWAY EDGE: Defines edge of usable, full-strength taxiway pavement; adjoining pavement NOT USABLE	DASHED TAXIWAY EDGE: Defines edge of taxiway where adjoining pavement or apron IS AVAILABLE for taxi	DASHED TAXIWAY EDGE: Defines edge of taxiway where adjoining pavement or apron IS AVAILABLE for taxi
SURFACE PAINTED TAXIWAY DIRECTION: Direction and designation of intersecting taxiway	SURFACE PAINTED TAXIWAY DIRECTION: Direction and designation of intersecting taxiway	SURFACE PAINTED TAXIWAY LOCATION: Identifies taxiway on which aircraft is located	SURFACE PAINTED TAXIWAY LOCATION: Identifies taxiway on which aircraft is located