

Public Seaplane Bases

FDC Notice

FDC 6/8818 Special Notice

In the interest of national security and to the extent practicable, pilots and UAS operators are strongly advised to avoid the airspace above or in close proximity to critical infrastructure and other sensitive locations such as power plants (nuclear, hydro-electric, or coal), dam, refineries, industrial complexes, military facilities, correctional and law enforcement facilities unless otherwise authorized. Pilots and UAS operators should not circle as to loiter in the vicinity over these types of facilities.

Pilots should check for these facilities in proximity to the areas where they intend to operate.

Seaplane Operations

State of Minnesota Department of Transportation

Compliance with Marine Traffic Rules: All seaplanes must comply with marine traffic rules to the extent that such rules do not interfere with the safe operations of aircraft. (Minnesota Rules 8800.2600).

Approaches and Takeoffs: All approaches and takeoffs from the water area shall be made in such a manner as to clear all structures on the land by at least 100 feet, and wherever the area of the body of water will permit, such landings and takeoffs shall be made at a distance of not less than 300 feet, both laterally and vertically, from any boat or person on the surface of the water, or as near to 300 feet as the area of the water will permit. (Minnesota Rules 8800.2700)

Seven-County Metro Area Operations: This part covers only seaplane operations on all public waters within the following counties: Anoka, Carver, Dakota, Hennepin, Ramsey, Scott and Washington. This part does not apply to aircraft equipped with either skis or wheels when public waters are frozen. See following tables for permissible public waters for seaplane operations within the seven-county metropolitan area and approximate coordinates. See Minnesota Rules 8800.2800 for full text and additional information on aircraft operations on lakes within the seven-county metropolitan area.

Anoka County		
Centerville Lake	45° 9.6' N	93° 4.2' W
Coon Lake	45° 17.8' N	93° 10.5' W
George Watch Lake	45° 10.6' N	93° 5.4' W
Ham Lake	45° 15.4' N	93° 13.4' W
Lake George	45° 21.6' N	93° 20.2' W
Linwood Lake	45° 21.1' N	93° 6.5' W
Martin Lake	45° 23.1' N	93° 5.0' W
Mississippi River		
Otter Lake	45° 7.4' N	93° 2.5' W
Peltier Lake	45° 10.7' N	93° 3.6' W
Pickereel Lake	45° 20.3' N	93° 26.9' W
Reshenau Lake	45° 9.1' N	93° 5.9' W
Rice Lake	45° 9.1' N	93° 7.1' W
Round Lake	45° 4.4' N	93° 10.7' W

Carver County		
Goose Lake	44° 53.5' N	93° 50.6' W
Hazeltine Lake	44° 50.2' N	93° 35.2' W
Lake Minnewashta	44° 52.8' N	93° 36.6' W
Lake Patterson	44° 50.0' N	93° 52.4' W
Lake Riley	44° 50.1' N	93° 31.3' W
Lake Waconia	44° 52.2' N	93° 46.9' W
Lunsten Lake	44° 52.5' N	93° 43.6' W
Mud Lake	44° 56.5' N	93° 47.2' W
Oak Lake	44° 57.3' N	93° 47.7' W
Parley Lake	44° 52.8' N	93° 43.7' W
Pierson Lake	44° 49.7' N	93° 41.6' W
Tiger Lake	44° 46.6' N	93° 57.3' W

Dakota County		
Alimagnet Lake	44° 45.0' N	93° 15.0' W
Byllesby Reservoir	44° 30.9' N	93° 58.9' W
Crystal Lake	44° 43.3' N	93° 15.9' W
Lake Marion	44° 39.6' N	93° 16.5' W
Mississippi River		
Orchard Lake	44° 42.1' N	93° 18.6' W
*St. Croix River		

Hennepin County		
Bryant Lake	44° 52.7' N	93° 25.8' W
Diamond Lake	45° 12.1' N	93° 30.5' W
Eagle Lake	45° 4.4' N	93° 24.9' W
Fish Lake	45° 5.3' N	93° 27.9' W
French Lake	45° 10.7' N	93° 30.5' W
Lake Independence	45° 1.7' N	93° 28.9' W
**Lake Minnetonka	44° 56.7' N	93° 32.7' W

Seaplane operations are NOT PERMITTED on the following portions of Lake Minnetonka

<i>Black Lake</i>	44° 55.9' N	93° 38.1' W
<i>Emerald Lake</i>	44° 55.8' N	93° 40.3' W
<i>French Lake</i>	44° 57.5' N	93° 35.0' W
<i>Forest Lake</i>	44° 57.4' N	93° 38.0' W
<i>Gray's Bay</i>	44° 57.2' N	93° 29.6' W
<i>Libb's Lake</i>	44° 56.8' N	93° 29.2' W
<i>Peavy Lake</i>	44° 57.9' N	93° 32.2' W
<i>Seton Lake</i>	44° 56.0' N	93° 38.8' W
<i>Tanager Lake</i>	44° 57.7' N	93° 33.8' W

Hennepin County Continued

Lake Sarah	45° 4.1' N	93° 41.3' W
Medicine Lake	45° 0.3' N	93° 24.8' W
Mississippi River		
Ox Yoke Lake	44° 58.3' N	93° 44.7' W
Schmidt Lake	45° 2.4' N	93° 26.0' W
Whaletail Lake	44° 56.3' N	93° 43.6' W

Ramsey County		
Bald Eagle Lake	45° 6.3' N	93° 1.1' W
**Lake Owasso	45° 2.2' N	93° 7.2' W
Long Lake	45° 4.2' N	93° 12.0' W
Mississippi River		
Turtle Lake	45° 5.9' N	93° 8.3' W
**White Bear Lake	45° 4.2' N	93° 58.3' W

Scott County		
Cedar Lake	44° 35.4' N	93° 31.4' W
Geis Lake	44° 41.2' N	93° 32.8' W
Pleasant Lake	44° 36.3' N	93° 33.8' W
Prior Lake East	44° 44.1' N	93° 24.6' W
Prior Lake West	44° 42.8' N	93° 26.8' W
Spring Lake	44° 42.1' N	93° 28.6' W

Washington County		
Big Carnelian Lake	45° 8.0' N	92° 48.6' W
Big Marine Lake	45° 13.3' N	92° 52.0' W
Clear Lake	45° 15.5' N	93° 0.3' W
Forest Lake	45° 16.9' N	92° 58.1' W
Lake Elmo	44° 58.9' N	92° 53.1' W
Mississippi River		
Oneka Lake	45° 10.8' N	92° 58.2' W
*St. Croix River		

*Pilots are requested to maintain 2000 feet above the terrain while flying over portions of the St. Croix River designated and depicted on the Federal charts as "National Scenic Riverway" administered by the National Park Service.

**All seaplane operations are prohibited from 11 AM (CDST) to 6 PM (CDST) on Saturdays, Sundays, and national legal holidays between June 1 and September 15 on the following public waters:

1. Lake Minnetonka and all bays and lakes therein.
2. White Bear Lake and all bays and lakes therein.
3. Lake Owasso and all bays and lakes therein.

This restriction does not apply to the holder of a private or personal-use seaplane base license while operating to and from the licensed base subject to the following conditions:

1. Such operations are limited to a maximum of one takeoff and one landing during these restricted hours; and
2. Such operations are authorized only when lake traffic and use permit such operations to be conducted in a safe and reasonable manner.

State of Minnesota Department of Natural Resources

It is unlawful for any person to land any aircraft on lands or waters totally within the boundaries of any State Park except by permit or on a designated airport or landing strip or in making an emergency landing, conducting rescue operations or in conducting or assisting in the conduct of official business of the United States of America, the State of Minnesota, or the County in which the park is located. (Minnesota Rules 6100.2200)

The list below includes lakes wholly contained within the boundaries of a State Park and may not be wholly inclusive. For possible additions or changes contact the Division of Parks and Recreation.

Bear Head Lake State Park

Bear Head Lake
Square Lake
Blueberry Lake

Blue Mound State Park

Upper Mound Lake
Lower Mound Lake

Camden State Park

Browner Lake

Fort Snelling State Park

Snelling Lake
Gun Club Lake

George H. Crosby Manitou State Park

Benson Lake

Glacial Lake State Park

Signaless Lake
Mountain Lake

Glendalough State Park

Annie Battle Lake
Sunset Lake
Molly Stark Lake

Hayes Lake State Park

Hayes Lake

Itasca State Park

Lake Itasca
Elk Lake
Various Others

Lake Bronson State Park

Lake Bronson

Lake Carlos State Park

Hidden Lake

Lake Louise State Park

Lake Louise

Lake Maria State Park

Maria Lake
Slough Lake
Bjorkland Lake
Putnam Lake

Maplewood State Park

Beers Lake
Twenty-One Lake
Various Others

Mille Lacs Kathio State Park

Ogechie Lake
Shakopee Lake

Rice Lake State Park

Rice Lake

Savanna Portage State Park

Savanna Lake
Wolf Lake
Lake Shumway
Loon Lake

Scenic State Park

Coon Lake
Tell Lake
Sandwick Lake

Sibley State Park

Swan Lake

Split Rock Creek State Park

Split Rock Lake

William O'Brien State Park

Lake Alice

To obtain maps of the above State Parks or to find additional information and contact information:

Division of Parks and Recreation
Department of Natural Resources
500 LaFayette Road
St. Paul, MN 55155-6367

651-296-6157 / 888-646-6367

www.dnr.state.mn.us/state_parks

Migratory Waterfowl Sanctuary Order Number 30

It has been determined in the best interests of proper game management to have waters set aside for migratory waterfowl feeding and resting areas. Therefore, the Department of Natural Resources prescribes related regulations which can be found in Minnesota Rules 6240.2000 and the Minnesota Waterfowl Hunting Regulations Guide.

Motors prohibited on migratory waterfowl feeding and resting areas.

Annually a list of waters is designated by Commissioner's Order and by posting as migratory waterfowl feeding and resting areas during the open waterfowl season. No persons other than agents of the Commissioner in the performance of their duties may use any kind of motor propelled watercraft or aircraft on the listed water during the open migratory waterfowl season. For current information concerning the restricted water areas and Migratory Waterfowl Sanctuary Order Number 30, call the Department of Natural Resources at 651-296-6517 or 888-646-6367 or visit www.dnr.state.mn.us/wildlife/shallowlakes/refuges

Seaplane Operations and Federal Land

Regulations regarding flights over charted National Park Service Areas, U.S. Fish and Wildlife Service Areas, and U.S. Forest Service Areas.

The landing of aircraft is prohibited on lands or waters administered by the National Park Service, the U.S. Fish and Wildlife Service, or the U.S. Forest Service without authorization from the respective agency. Exceptions include:

1. When forced to land due to an emergency beyond the control of the operator.
2. At officially designated landing sites.
3. On approved official business of the United States Government.

All aircraft are requested to maintain a minimum altitude of 2000 feet above the terrain of the following: National Parks, Monuments, Seashores, Lakeshores, Recreation Areas and Scenic Riverways administered by the National Park Service, National Wildlife Refuges, Big Game Refuges, Game Ranges, and Wildlife Ranges administered by the U.S. Fish and Wildlife Service, and Wilderness and Primitive Areas administered by the U.S. Forest Service.

..... Depicts boundaries of National Park Service Areas, U.S. Fish and Wildlife Service Areas, and U.S. Forest Service Wilderness Primitive Areas on NOAA Sectional Aeronautical Charts.

Some departments may have additional restrictions including:

1. Department of the Interior – National Parks, Forests

a. National Wildlife Refuge

Restrictions as printed on current NOAA Sectional Charts

Refuge	Location
Agassiz	Thief River Falls
Big Stone	Ortonville
Tamarac	Detroit Lakes
Rice Lake	Aitkin
Mille Lacs	Isle
Sherburne	Saint Cloud

b. Voyageurs National Park

Due to the presence of the spiny water flea an emergency closure was implemented effective May 10, 2007. Aircraft may be operated on the entire water surface and frozen lake surface of the following lakes, except as otherwise restricted in 36 CFR 7.33c or by special closure;

Rainy	Locator	Shoepack
Kabetogama	War Club	Little Trout
Namakan	Quill	Mukooda
Sand Point	Loiten	

Approaches and landings shall not be made within 500 feet of any developed facility, boat dock, float, pier, ramp or beach.

Aircraft may taxi to and from a dock or ramp designated for their use for the purpose of mooring and must be operated with due care and regard for persons and property and in accordance with any posted signs or waterway markers.

Areas within the designated lakes may be closed to aircraft use by the Superintendent taking into consideration public safety, wildlife management, weather and park management objectives.

Pilots should contact the park to ensure no additional special closures. See 36 CFR 7.33c for full text and additional information.

For additional information contact:

Superintendent

Voyageurs National Park

218-283-6600

360 Highway 11 East

International Falls, MN

www.nps.gov/voya

56649-8904

c. St. Croix National Scenic Riverway

Restrictions as printed on current NOAA Sectional Chart

For additional information contact:

Superintendent

National Park Service

PO Box 708

St. Croix Falls, WI 54024

715-483-3284

2. Department of Agriculture – National Forests

a. Chippewa National Forest

No known restrictions as of October 2018.

For additional information contact:

U.S.D.A. Forest Service

402 – 11th Street SE

Grand Rapids, MN 55744

218-327-4175

b. Superior National Forest

Restrictions within the Boundary Waters Canoe Area Wilderness (BWCAW)

Prohibited areas: P-204, P-205, and P-206 – surface to 4,000 feet MSL as depicted on the current Green Bay and Twin Cities NOAA Sectional Aeronautical Charts.

For additional information contact:

U.S.D.A Forest Service
402 – 11th Street SE
Grand Rapids, MN 55744
218-327-4175

3. Army Corps of Engineers / Minnesota DNR

Orwell Dam and Reservoir (Fergus Falls, MN) restricted with specific provisions.
Contact Minnesota Department of Natural Resources – Wildlife for more information.

DNR Wildlife
1509 First Avenue North
Fergus Falls, MN 56537
218-739-7576 ext. 228

Invasive Species Alert for Seaplane Pilots

Seaplane pilots are asked to be aware of the presence of invasive and exotic species in many bodies of water within and adjacent to the State of Minnesota. These include: Eurasian water milfoil, zebra mussels, and the spiny water flea to name a few. The Department of Natural Resources appreciates any efforts seaplane pilots can provide in preventing the spread of these damaging species. Pilots can help prevent the spread of these species via seaplanes by scrubbing the hull of the plane or floats while still in the water of the infected lake. This is especially important if the aircraft has been moored on an infested lake for more than a few hours. The removal of water from the float or bilge compartments prior to departure is encouraged to further limit the possibility of transporting these species which could infect other bodies of water. If possible, just prior to takeoff raise and lower your water rudders a number of times to help clear any aquatic hitchhikers. After takeoff at a safe altitude, if conditions permit, raise and lower your water rudders a number of times while still over the waters that you departed to clear aquatic plants from the water rudders and cables.

For the most current and complete list of lakes that harbor invasive species and how to do your part to prevent transporting them by seaplane, please visit the Minnesota Department of Natural Resources website at www.dnr.state.mn.us/invasives/aquatic for guidance. Remember, it is against Minnesota law to transport aquatic species from one body of water to another.

Help Prevent the Spread of Aquatic Invasive Species by Seaplanes

Many invasive species, such as zebra mussels and Eurasian watermilfoil, can be unintentionally transported from one water to another on the floats of seaplanes. Many state and federal agencies recommend that you include these procedures into the operation of your seaplane. However, plane safety should remain the first priority when considering and following these recommendations.

RECOMMENDED ACTIONS

Before entering the aircraft:

- ✓ **Pump** floats (note: this will also help avoid spreading fish diseases).
- ✓ **Inspect** for and **remove** aquatic plants and animals (e.g., zebra mussels and water fleas) from the floats, wires or cables, and water rudders.

Aircraft moored for extended periods in zebra mussel infested waters may have zebra mussels attached to the floats and should be checked specifically on the transom, chine, bottom, wheel wells, and the step area of floats (see diagram). If you see or feel zebra mussels on the floats (small zebra mussels feel gritty), one or more of the following should be used before leaving the waterbody when facilities are available:

- **wash** with hot water; or
 - **spray** with high-pressure water; and/or
 - **dry** all parts of the floats for at least 5 days
- (A few days of hot summer temperatures will kill adult zebra mussels. Longer drying times of several

days are required to kill adult mussels during cool, humid weather.

- ✓ In remote locations where zebra mussels are present, but where there are no provisions for drying or spraying — **hand-cleaning** the underside of floats with a scrub brush and physically removing adult mussels is the best option available option for preventing the spread of zebra mussels. A plastic scraper may be helpful to remove adult zebra mussels.

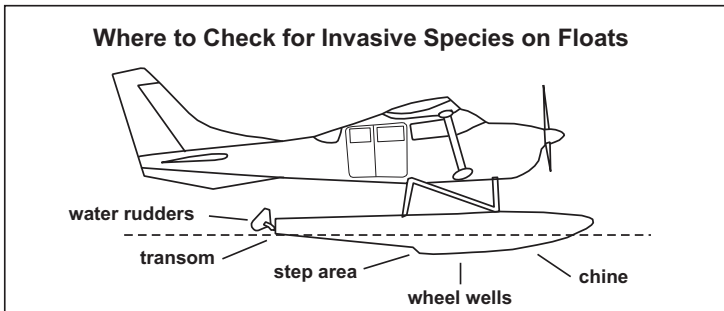
Pre take-off check:

- ✓ **Avoid** taxiing through heavy surface growths of aquatic plants before takeoff; and
- ✓ **Raise and lower** water rudders several times to clear off plants (this will also minimize cable stretch and improve the effectiveness of the rudders for steering).

After take-off:

- ✓ Raise and lower water rudders several times to free aquatic plant fragments while over the waters you are leaving or while over land; and
- ✓ If aquatic plants remain attached, return to the lake and remove the plants.

For more information on aquatic invasive species contact the Minnesota Department of Natural Resource's Invasive Species Program at 651-259-5100, Minnesota Sea Grant's Invasive Species Protection Center at 218-726-8712, or www.protectyourwaters.net.

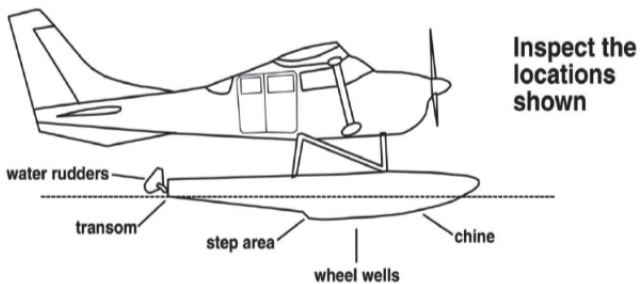


Remember: It is illegal to introduce nonnative species into Minnesota waters.

PLEASE HELP STOP AQUATIC HITCHHIKERS!

BEFORE leaving / takeoff:

- ✓ **Inspect** the floats for aquatic invasive species



- ✓ **Remove** aquatic plants and aquatic animals from floats and rigging
- ✓ **Pump** the floats

It is illegal to introduce nonnative species into Minnesota waters.

Thank you! Minnesota Department of Natural Resources
and MN Seaplane • Pilots Association



Seaplane Base Index

Ident.	City	Airport Name
BDE	Baudette	Baudette International Airport & Seaplane Base
96M	Bemidji.....	Moberg Air Base
CDD.....	Crane Lake	Scott's Seaplane Base
M69	Deerwood	Birch Lake Seaplane Base
DYT	Duluth.....	Sky Harbor Airport & Seaplane Base
M16	East Gull Lake.....	Steamboat Bay Seaplane Base
Y63.....	Elbow Lake.....	Elbow Lake – Pride of the Prairie Seaplane Base
9Y5.....	Eveleth.....	Sky Harbor Seaplane Base
ØG5.....	Grand Marais	Grand Marais – Cook County Seaplane Base
(TBD).....	Grand Marais	Gunflint Seaplane Base
9MNØ.....	Hibbing	Carey Lake Seaplane Base
Ø9I	International Falls	International Falls Seaplane Base
Ø9Y	Inver Grove Heights	Wipline Seaplane Base
8Y4.....	Lino Lakes	Surfside Seaplane Base
12D	Tower.....	Tower Municipal Seaplane Base
M49	Waubun	Jolly Fisherman Seaplane Base