TWIN CITIES

NAD83

LEGEND

Airports having Control Towers are shown in **Blue** all others in **Magenta**. Consult Chart Supplement for details involving airport lighting, navigation aids, and services. A dot next to the additional runway information note is the beacon's location.

AIRPORTS

- Other than hard-surfaced runway
- Hard-surfaced runway longer than 8,069 ft.
- Hard-surfaced runways 4,070 to 8,069 ft. or unpaved runways and helipads longer than 4,069 ft.
- Open dot within hard-surfaced runway indicates runway less than 4,070 ft. (Also applies to VORTAC, VOR/DME, or VORTAC locations.)

Airports with control towers shown in blue, all others in magenta. Consult Chart Supplement for operational hours, services, and remarks. Heavy lines for active or private.

ADDITIONAL AIRPORT INFORMATION

- Private "PVT"
- Seaplane base
- Military – Other than hard-surfaced, all military airports, and those with restrictions (see Chart Supplement)
- Military – Hard-surfaced runways longer than 8,069 ft. or greater
- Military – Other than hard-surfaced runways 4,070 to 8,069 ft. or greater

Fuel – Available Mon thru Fri 1200-A,B,1x-0,1300-F,2x. Attended hours are local time, may not coincide with business hours. Consult Chart Supplement for fuel availability. Self-service pumps may not accept all credit cards.

Rotating airport beacon in operation Sunset to Sunrise

UNICOM/MULTICOM – Airport may advertise effect on pilots

AIRPORT DATA

Box indicates Wind Tee, Segmented Circle, Rotating Beacon, Landing Direction Indicator, Lighting, Fuel, Repair Service, Hangar, Tie-down, Telephone (public use), Restaurant, Lodging, Camping, Courtesy Car, Airport Manager, Customs (C), Transient Storage, Other Services

Runway data: Runway number, Runway length in hundreds of feet, Runway width in feet, Runway surface composition (A-asphalt, C-concrete, G-gravel, T-turf, E-Engineered Material, X-combination)

Runway lighting: HIRL – high intensity runway lights; MIRL – medium intensity runway lights; LIRL – low intensity runway lights; P-CL – pilot controlled lighting; REIL – runway end identifier lights; VASI – visual approach slope indicator; PAPI – precision approach path indicator; TDZL – touchdown zone lighting; RCLL – runway centerline lighting; SSALR – simplified short approach lighting system with runway alignment indicator lights; SSALS – simplified short approach lighting system; MALSR – medium intensity approach lighting system with runway alignment indicator lights; MALS – medium intensity approach lighting system; ODALS – omnidirectional approach lighting system; RAIL – runway alignment indicator lights; CL – runway centerline lighting; SFL – sequenced flashing lights; TDZL – touchdown zone lighting; RCLL – runway centerline lighting

FSS – Flight Service Station

CTAF – Common Traffic Advisory Frequency

CT – 118.3 – Control Tower A/G – Limited Frequency

• – Use indicates operation part time. See Airport Facility Directory or Chart Supplement

Ⓐ – Indicates Automatic Flight Advisory Service (Flight Watch) available

ASOS/AWOS 120.42 – Automated Surface Observing System/Automated Weather Observing System providing continuous broadcast of weather information. Voice broadcasts available may not be available at all times.

UNICOM – Nonmunicipal advisory station

CTAF – Common Traffic Advisory Frequency where full-time ATC is not in operation. Pilots broadcast their position and intentions on this frequency.

Hours of operation:
- L – Lighting in operation Sunset to Sunrise
- H – Continuous lighting in operation Sunset to Sunrise
- T – Length of longest runway in hundreds of feet (width length may be less)

When control tower is not in operation, runway designation is replaced with CTAF. Lighting operates dusk to dawn unless otherwise noted. Do not confuse with the location beacon, which may be operated at the discretion of the airport owner, or the rotating beacon, which may be operated by the FAA.

AIRPORT TRAFFIC SERVICE (ATS) AIRSPACE INFORMATION

Only the controlled and nonradio airspace classes are shown on this chart. See Chart Supplement for complete airspace information.

- Class B Airspace
- Class C Airspace Mode C Veil (10 nm radius)
- Class D Airspace
- Class D Airspace 2,500 ft. or hundreds of feet (or lower) above the surface (charted where it is not immediately obvious)
- Class E Airspace with floor 700 ft. or more above the surface (charted where it is not immediately obvious)
- Class E Airspace with floor 1,200 ft. or more above the surface (charted where it is not immediately obvious)
- Class E Airspace with floor 14,500 ft. or more above the surface (charted where it is not immediately obvious)

Differentiates floors of Class E airspace at 700 ft. and 1,200 ft. above surface

Class E Airspace extends at 1,500 AGL unless otherwise charted (charted where it is not immediately obvious)

Class E Airspace extends at 2,500 AGL unless otherwise charted (charted where it is not immediately obvious)

Class E Airspace extends at 14,500 MSL unless otherwise charted (charted where it is not immediately obvious)

Total thickness of Class B Airspace and Class C Airspace are indicated by arrow tips

- Class B Airspace
- Class C Airspace
- Class D Airspace
- Class E Airspace (Surface, Transition, and Restricted Areas)
- Class E Airspace (Other than Surface, Transition, and Restricted Areas)
- Class E Airspace (Offshore Operating Area)
- Class E Airspace (Gulf Of Mexico)
- Class E Airspace (Alaska)
- Class E Airspace (Hawaii)
- Class E Airspace (Puerto Rico)
- Class E Airspace (Mariana Islands)
- Class E Airspace (Guam)
- Class E Airspace (American Samoa)
- Class E Airspace (Antarctica)
- Class E Airspace (Arctic)
- Class E Airspace (Oceanic)
- Class E Airspace (Pacific)
- Class E Airspace (Caribbean)
- Class E Airspace (Atlantic)
- Class E Airspace (Europe)
- Class E Airspace (Africa)
- Class E Airspace (Asia)
- Class E Airspace (Australia