

 PLACING DIRECT ROUTE ON NORTH/SOUTH SIDE
 There are approximately two minutes of latitude overlap between the north and south sides

[illegible]

within and near mountain passes.

Administration

HIGHEST TERRAIN elevation is 2600 feet located at 48° 00' N - 90° 28' W

Spot elevation 4254
Approximate elevation x 3000

EFFECTIVE 0901Z **12 JUN 2025**
TO 0901Z **7 AUG 2025**

CONVERSION OF ELEVATIONS

FEET
(Thousands) 0 2 4 6 8 10 12 14 16 18 20 22 24 26 28 30

METERS

Consult NOTAMS for latest information
Consult/Subscribe to FAA Safety Alerts and Charting Notices at
http://www.faa.gov/air_traffic/flight_info/aeronav/safety_alerts/

Example: 12,500 feet **12⁵**

Class D Airspace within the United States extends up to 14,000 feet MSL, and above this altitude all airspace is within Class E Airspace, including the airspace less than 1000 feet above the terrain and certain special use airspace areas.

REPORTING CHART ERRORS
 You are requested to inform us of chart errors and other notices that come to your attention.

attention while using this chart. See frequently asked questions (FAQs) on our website at <http://hsa.gov/hsa> prior to contacting us via toll free number at 1-800-558-8872 or visit http://www.hsa.gov/hospitalinfo/hospitalinfo_data for more on FAN, Anatomical Information Services, 3905 East-West Highway, Suite 4401, Silver Spring, MD 20910-3281.

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NSN 7641014100145
HSA REF. NO. SECXXTWINCITIES

CONTROL TOWER FREQUENCIES ON TWIN CITIES SECTIONAL CHART
 Airports with control towers are indicated on the face of the chart by the letters CT followed by the common UHF tower frequency(s).

Information for each tower is listed in the table below. Operated hours are local time. The primary VHF and UHF tower and ground control frequencies are listed.

Automatic Terminal Information Service (ATIS) frequencies shown on the face of the chart are VHF/3-30 MHz frequencies. All ATIS frequencies are listed in the table below. ATIS operations/hours may differ from tower operations/hours.

ATIS used in conjunction with Radar Instrument Approach available.

NOTICE: indicates Mandatory Frequency.

OTF indicates other times.

| OPERATOR | TOWER | ENR FREQ | ATIS | ASR/ARR |
|----------|-------|----------|------|---------|
| ... | ... | ... | ... | ... |

[illegible]

| GRAND FORGE AVE | 660-2200 | 131.5 340.0 | 119.13 297.8 | 173.63 |
|---|---|----------------|--------------|-------------|
| C&D P&S <td>2007-2008 <td></td> <td></td> <td></td> </td> | 2007-2008 <td></td> <td></td> <td></td> | | | |
| GRAND FORGE AVE <td>660-2200 <td>118.4 330.32</td> <td>124.615</td> <td>170.4</td> </td> | 660-2200 <td>118.4 330.32</td> <td>124.615</td> <td>170.4</td> | 118.4 330.32 | 124.615 | 170.4 |
| BEULIEU RD <td>COMPLETION <td>131.6 300.4</td> <td>120.9 348.5</td> <td>114.5 372.2</td> </td> | COMPLETION <td>131.6 300.4</td> <td>120.9 348.5</td> <td>114.5 372.2</td> | 131.6 300.4 | 120.9 348.5 | 114.5 372.2 |
| WINDMILL-PT ENCL <td>COMPLETION <td>133.473 373.33</td> <td>120.8 340</td> <td>120.0 368</td> </td> | COMPLETION <td>133.473 373.33</td> <td>120.8 340</td> <td>120.0 368</td> | 133.473 373.33 | 120.8 340 | 120.0 368 |
| P&S/PC&D SUBMITTAL <td> <td>BNV 17130</td> <td>120.9 340</td> <td>113.33 348</td> </td> | <td>BNV 17130</td> <td>120.9 340</td> <td>113.33 348</td> | BNV 17130 | 120.9 340 | 113.33 348 |
| | | 120.8 372.61 | 120.930 340 | 200.213 348 |
| | | BNV 17200 | 348.5 | |

| | | BMV 130/33 8.1/32 | |
|-------------------|--------------------------------|----------------------|--------|
| RAF 3 KILBY RAF | 050-2200 AOW/BU 060-1400 RB | 126.2 234.4 | |
| | C16 HPA | | |
| 14 OJABE BGA | 060-2200 | 118.32 | 112.25 |
| 31 ENLA BONTAYENH | 060-2200 AOW/BU | 118.1 237.8 | 118.23 |
| HOMAYI FID | 050-2200 RAF BUN | | |

| CLASS B, CLASS C, TESA, AND SELECTED APPROACH CONTROL FREQUENCIES | | |
|---|--------------------------|----------------------|
| FACILITY | FREQUENCIES | SERVICE AVAILABILITY |
| RENNELD CLASS B | 120.0 (PM) 126.3 (PM) | CONTINGENCY |
| | 126.4 (PM) | |
| YANCO TESA | 120.7 (PT) | CONTINGENCY |

| | | |
|----------------------------------|-------------|-----------|
| GRAND TURKS AIR | 118.1 (3-8) | 0000-2300 |
| 241 133 12 301-4 MORGANVILLE VOR | | 000-1500 |

SPECIAL USE AIRSPACE ON TWIN CITIES SECTIONAL CHART

Other special use airspace on this and other Twin Cities sectional charts:

- 1. One time use (OTUM)
- 2. Other - Use this space as directed

U.S. P-PROBES, B-RESTRICTED, W-WARNING, A-SLEET, MSA-MILITARY OPERATIONS AREA

| NUMBER | ALTITUDE | TIME OF USE | CONTROLLING AGENCY | FREQUENCIES |
|--------|---|-------------|--------------------|-------------|
| P-004 | TO BUT NOT INCLUDING NO ALT - 100 ft exposed construction. Control flight levels for information. | CONDUCTOR'S | HQ ALO | |

| | | | | |
|-------|-----------------------------------|--|--------------|--------------|
| 8.350 | TO BPT NOT INCL 0000 | CONTRIBUT | NO A/D | |
| 8.400 | TO 20.000 | 2700 LAG | WARRANGE CNR | 118.00 200.0 |
| 8.500 | TO 3000 | 500 HRS 81 ADVANT | | |
| 8.540 | TO 3000 | 30 DAYS IN ADVANCE BY NORMA 21 HRS 81 ADVANT | WARRANGE CNR | 124.0 200.0 |
| 8.600 | ADD A/D TO BPT NOT INCL 10.000 | 2700 2000 BY NORMA 6 HRS 81 ADVANT | WARRANGE CNR | 124.0 200.0 |
| 8.600 | TO 3000 | 500 HRS 81 ADVANT | WARRANGE CNR | 124.0 200.0 |

| | | | | |
|-------------|--------------------------------|--|--------------|-----------|
| A-5405-A | 12000 SQ BTU RGT RGT, 12000 | 2760 2000 BTU HOGAN E HEB, R1, R15N0001 | WARMEDGE CNR | 1242 2763 |
| A-5405-B | 12000 SQ BTU RGT RGT, 12000 | 2760 2000 BTU HOGAN E HEB, R1, R15N0001 | WARMEDGE CNR | 1242 2763 |
| A-5405-C, F | 14000 SQ BTU RGT RGT, 14000 | 2760 2000 BTU HOGAN E HEB, R1, R15N0001 | WARMEDGE CNR | 1242 2763 |
| A-5405-D | 12000 SQ BTU RGT RGT, 12000 | 2760 2000 BTU HOGAN E HEB, R1, R15N0001 | WARMEDGE CNR | 1242 2763 |
| A-5405-E | 12000 SQ BTU RGT RGT, 12000 | 2760 2000 BTU HOGAN E HEB, R1, R15N0001 | WARMEDGE CNR | 1242 2763 |

| NDA NAME | ALTITUDE* | TIME OF USE† | CONTROLLING AGENCY | FREQUENCIES |
|-----------------|-----------|--|--------------------|-------------|
| SEAFLEX | 200 AGL | ST HELENS 0800-2200 JOZILET 0800-1800 SAT-SUN | WHAPOOLS CNR | 127.6 28.40 |
| DEVAL WASH EAST | 1800 | HELENSFIRE IN HELENS | WHAPOOLS CNR | 124.2 20.3 |
| ACVAL WASH WEST | 1800 | HELENSFIRE IN HELENS | WHAPOOLS CNR | 124.2 20.3 |
| STOCKY WEST | 0000 | ST HELENS MORGAN | WHAPOOLS CNR | 127.6 28.40 |

| <p> Download Print Print Print </p> | | | | |
|--|---------|---------------------|-----------|---------------|
| SWR NORTH | 300 A25 | DISPERSED BY H2O/A2 | WATER/AIR | 130.15, 130.4 |
| SWR SOUTH | 300 A25 | DISPERSED BY H2O/A2 | WATER/AIR | 130.15, 130.4 |

*Values include loss of H2O. A2/A25 refers to the amount of H2O/A25 added to the solution or the amount of H2O/A25 lost.

CAUTION: This solvent is extremely flammable and may be explosive when mixed with oxygen.

30' 95° 30'

NOTE: A limited number of electronic copies are available for U.S. airspace. Refer to NOAA nautical chart or flight information publications outside U.S. airspace.

[illegible]

CAUTION: Unmanned Aircraft Systems (UAS) may be approved to operate above critical infrastructure including obstacles and linear features such as high-voltage powerlines, pipelines, and railroads. Check NOTAMs and see AIM for details.

TWIN CITIES

