

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

| NAME | ALTERNATE MINIMUMS | NAME | ALTERNATE MINIMUMS |
|-------------------------|---|---------------------|---|
| ABERDEEN, SD | | BAUDETTE, MN | |
| ABERDEEN | | BAUDETTE | |
| RGNL (ABR)..... | RNAV (GPS) Rwy 13¹ | INTL (BDE)..... | RNAV (GPS) Rwy 12¹ |
| | RNAV (GPS) Rwy 17¹ | | RNAV (GPS) Rwy 30¹ |
| | RNAV (GPS) Rwy 31² | | VOR/DME Rwy 12 |
| | RNAV (GPS) Rwy 35¹ | | Category C, 800-2¼; Category D, 800-2½. |
| | VOR Rwy 31² | | ¹ NA when local weather not available. |
| | VOR/DME Rwy 13² | | |
| | ¹ Category D, 900-2¼. | BEMIDJI, MN | |
| | ² NA when local weather not available. | BEMIDJI | |
| AITKIN, MN | | RGNL (BJI)..... | RNAV (GPS) Rwy 13 |
| AITKIN MUNI-STEVE KURTZ | | | RNAV (GPS) Rwy 25 |
| FIELD (AIT)..... | RNAV (GPS) Rwy 16 | | RNAV (GPS) Rwy 31 |
| | RNAV (GPS) Rwy 34 | | NA when local weather not available. |
| | NA when local weather not available. | BENSON, MN | |
| ALBERT LEA, MN | | BENSON | |
| ALBERT LEA | | MUNI (BBB)..... | RNAV (GPS) Rwy 14 |
| MUNI (AEL)..... | RNAV (GPS) Rwy 17 | | RNAV (GPS) Rwy 32 |
| | RNAV (GPS) Rwy 35 | | NA when local weather not available. |
| | VOR RWY 17 | BISMARCK, ND | |
| | NA when local weather not available. | BISMARCK | |
| ALEXANDRIA, MN | | MUNI (BIS)..... | ILS or LOC Rwy 13¹² |
| CHANDLER | | | ILS or LOC Rwy 31¹² |
| FIELD (AXN)..... | RNAV (GPS) Rwy 22 | | RADAR-1¹ |
| | RNAV (GPS) Rwy 31 | | RNAV (GPS) Rwy 21³ |
| | NA when local weather not available. | | ¹ NA when control tower closed. |
| APPLETON, MN | | | ² LOC, Category C, 800-2¼, Category D, 800-2½. |
| APPLETON | | | ³ Category C, 800-2¼, Category D, 800-2½. |
| MUNI (AQP)..... | RNAV (GPS) Rwy 13 | BOWMAN, ND | |
| | NA when local weather not available. | BOWMAN | |
| AUSTIN, MN | | RGNL (BWW)..... | RNAV (GPS) Rwy 13 |
| AUSTIN | | | RNAV (GPS) Rwy 31 |
| MUNI (AUM)..... | RNAV (GPS) Rwy 17¹ | | NA when local weather not available. |
| | RNAV (GPS) Rwy 35 | | |
| | NA when local weather not available. | | |
| | ¹ Category D, 800-2¼. | | |

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019

NAME ALTERNATE MINIMUMS

BRAINERD, MN

BRAINERD LAKES

RGNL (BRD).....**ILS or LOC Rwy 23¹**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 34

NA when local weather not available.

¹Category D, 700-2.**BROOKINGS, SD**

BROOKINGS

RGNL (BKX).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.

Category D, 800-2¼.

BUFFALO, MN

BUFFALO

MUNI (CFE).....**VOR-A**
 NA when local weather not available.

CAMBRIDGE, MN

CAMBRIDGE

MUNI (CBG).....**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34

NA when local weather not available.

CANBY, MN

MYERS FIELD (CNB).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30

NA when local weather not available.

CARRINGTON, ND

CARRINGTON

MUNI (46D).....**RNAV (GPS) Rwy 31**
 NA when local weather not available.

CAVALIER, ND

CAVALIER

MUNI (2C8).....**RNAV (GPS) Rwy 34**
 NA when local weather not available.

CLOQUET, MN

CLOQUET CARLTON

COUNTY (COQ).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.

COOK, MN

COOK MUNI (CQM).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31

NA when local weather not available.

NAME ALTERNATE MINIMUMS

CROOKSTON, MN

CROOKSTON MUNI-KIRKWOOD

FIELD (CKN).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
VOR/DME Rwy 13

NA when local weather not available.

DETROIT LAKES, MN

DETROIT LAKES-WETHING

FIELD (DTL).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31

NA when local weather not available.

Category D, 800-2¼.

DEVILS LAKE, ND

DEVILS LAKE

RGNL (DVL).....**RNAV (GPS) Rwy 3²**
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 21²
RNAV (GPS) Rwy 31²
VOR Rwy 3¹
VOR Rwy 13²
VOR Rwy 31²

NA when local weather not available.

¹Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.²Category C, 800-2¼, Category D, 800-2½.**DICKINSON, ND**

DICKINSON-THEODORE ROOSEVELT

RGNL (DIK).....**ILS or LOC Rwy 32¹**
RNAV (GPS) Rwy 14²
RNAV (GPS) Rwy 25²
RNAV (GPS) Rwy 32²
VOR-A²

¹ILS, Category D, 700-2.²NA when local weather not available.**DODGE CENTER, MN**

DODGE CENTER (TOB).....**RNAV (GPS) Rwy 16**
RNAV (GPS) Rwy 34
VOR-A

NA when local weather not available.

DULUTH, MN

DULUTH INTL (DLH).....**ILS or LOC Rwy 9¹**
ILS or LOC Rwy 27¹
RNAV (GPS) Rwy 3²
RNAV (GPS) Rwy 9³
RNAV (GPS) Rwy 21²
RNAV (GPS) Rwy 27³
VOR or TACAN Rwy 3³
VOR/DME or TACAN Rwy 21³

¹LOC, Categories D, E, 1000-3.²Category D, 1000-3.³Categories D, E, 1000-3.

NAME ALTERNATE MINIMUMS

ELY, MN

ELY MUNI (ELO).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

EVELETH, MN

EVELETH-VIRGINIA

MUNI (EVM).....RNAV (GPS) Rwy 27¹
VOR-A²

¹NA when local weather not available.

²Category C, 800-2¼; Category D, 800-2½.

FAIRMONT, MN

FAIRMONT MUNI (FRM).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

FARGO, ND

HECTOR INTL (FAR).....ILS or LOC Rwy 18¹
ILS or LOC Rwy 36¹
RNAV (GPS) Rwy 9³
RNAV (GPS) Rwy 18²
RNAV (GPS) Rwy 27³
RNAV (GPS) Rwy 36²
VOR Rwy 36²

¹ILS, Category C, 700-2; Category D, 800-2¼;

Category E, 800-2½. LOC, Category D, 800-2¼; Category E, 800-2½.

²Category D, 800-2¼, Category E, 800-2½.

³Category D, 800-2¼.

FARIBAULT, MN

FARIBAULT MUNI-LIZ WALL STROHFUS

FIELD (FBL).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

FERGUS FALLS, MN

FERGUS FALLS MUNI-EINAR MICKELSON

FIELD (FFM).....ILS or LOC Rwy 31¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31²
RNAV (GPS) Rwy 35

NA when local weather not available.

¹ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.

²Category D, 800-2¼.

FOSSTON, MN

FOSSTON MUNI-ANDERSON

FIELD (FSE).....NDB Rwy 34¹
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

¹Category C, 800-2½.

NAME ALTERNATE MINIMUMS

GLENCOE, MN

GLENCOE
MUNI (GYL).....RNAV (GPS) Rwy 31
NA when local weather not available.

GLENWOOD, MN

GLENWOOD

MUNI (GHW).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33

NA when local weather not available.

GRAND FORKS, ND

GRAND FORKS

INTL (GFK).....ILS or LOC Rwy 35L¹²
LOC BC Rwy 17R¹³
RNAV (GPS) Rwy 9L³
RNAV (GPS) Rwy 17R³
RNAV (GPS) Rwy 27R³
RNAV (GPS) Rwy 35L³
VOR Rwy 17R³
VOR Rwy 35L³

¹NA when control tower closed.

²ILS, Category E, 700-2½. LOC, Category E, 800-2½.

³NA when local weather not available.

GRAND MARAIS, MN

GRAND MARAIS/

COOK COUNTY (CKC).....RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 28

Category D, 900-2¼.

GRAND RAPIDS, MN

GRAND RAPIDS/ITASCA COUNTY-GORDON

NEWSTROM FIELD (GPZ).....ILS or LOC Rwy 34
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
VOR Rwy 34

NA when local weather not available.

GRANITE FALLS, MN

GRANITE FALLS MUNI/LENZEN-ROE-FAGEN

MEMORIAL FIELD (GDB).....RNAV (GPS) Rwy 33
NA when local weather not available.

GWINNER, ND

GWINNER-ROGER MELROE

FIELD (GWR).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

Category D, 800-2½.

HALLOCK, MN

HALLOCK MUNI (HCO).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

NAME ALTERNATE MINIMUMS

HETTINGER, ND

HETTINGER
MUNI (HEI).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

Category D, 800-2¼.

HIBBING, MN

RANGE
RGNL (HIB)..... ILS OR LOC/DME Rwy 13
ILS, Categories A, B, C, D, 800-2.

HURON, SD

HURON RGNL (HON).....ILS or LOC Rwy 12¹
LOC/DME BC Rwy 30²
RNAV (GPS) Rwy 12²
RNAV (GPS) Rwy 30²
VOR Rwy 12²

NA when local weather not available.

¹ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.

²Category D, 800-2¼.

HUTCHINSON, MN

HUTCHINSON MUNI-
BUTLER FIELD (HCD).....RNAV (GPS) Rwy 15
NA when local weather not available.

INTERNATIONAL FALLS, MN

FALLS INTL-EINARSON
FIELD (INL).....COPTER ILS or LOC Rwy 31¹
ILS or LOC/DME Rwy 13,700-2²
ILS or LOC Rwy 31²
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31²
VOR Rwy 13^{2,3}

¹LOC, NA; ILS, NA when local weather not available.

²NA when local weather not available.

³Category D, 800-2¼.

JACKSON, MN

JACKSON MUNI (MJQ).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

JAMESTOWN, ND

JAMESTOWN
RGNL (JMS).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31
VOR Rwy 13
VOR Rwy 31

Category D, 800 2½.

NAME ALTERNATE MINIMUMS

LANGDON, ND

ROBERTSON
FIELD (D55).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

LONG PRAIRIE, MN

TODD
FIELD (14Y).....RNAV (GPS) Rwy 34
NA when local weather not available.

LITCHFIELD, MN

LITCHFIELD
MUNI (LJF).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR-A

Category D, 800-2¼.

NA when local weather not available.

LITTLE FALLS, MN

LITTLE FALLS/MORRISON COUNTY-
LINDBERGH
FIELD (LXL).....RNAV (GPS) Rwy 31
NA when local weather not available.

LINTON, ND

LINTON MUNI (7L2).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

MADISON, MN

LAC QUI PARLE
COUNTY (DXX).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available

MADISON, SD

MADISON MUNI (MDS).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33

NA when local weather not available

MAHNOMEN, MN

MAHNOMEN
COUNTY (3N8).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available

MANDAN, ND

MANDAN MUNI (Y19).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR-A

NA when local weather not available

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019

NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

MANKATO, MN

MANKATO RGNL
(MKT).....COPTER ILS or LOC Rwy 33
 ILS or LOC Rwy 33
 RNAV (GPS) Rwy 4
 RNAV (GPS) Rwy 15
 RNAV (GPS) Rwy 22
 RNAV (GPS) Rwy 33
 VOR Rwy 15

NA when local weather not available.

MAPLE LAKE, MN

MAPLE LAKE MUNI-BILL MAVENCAMP
SR FIELD (MGG).....VOR-A
NA when local weather not available.

MARSHALL, MN

SOUTHWEST MINNESOTA RGNL MARSHALL/
RYAN FIELD (MML).....RNAV (GPS) Rwy 12
 RNAV (GPS) Rwy 30
 VOR Rwy 12

NA when local weather not available.

MARTIN, SD

MARTIN
MUNI (9V6).....RNAV (GPS) Rwy 32
Category C, 800-2½.

MINNEAPOLIS, MN

AIRLAKE (LVN).....RNAV (GPS) Rwy 12¹
 RNAV (GPS) Rwy 30²
 VOR Rwy 12¹

¹Category D, 800-2½.
²NA when local weather not available.

CRYSTAL (MIC).....RNAV (GPS) Rwy 14L
NA when local weather not available.

FLYING CLOUD

(FCM).....COPTER ILS or LOC Rwy 10R¹
 ILS or LOC Rwy 10R¹²
 RNAV (GPS) Rwy 10L
 RNAV (GPS) Rwy 10R
 RNAV (GPS) Rwy 28L
 RNAV (GPS) Rwy 28R
 RNAV (GPS) Rwy 36
 VOR Rwy 10R
 VOR/DME Rwy 36

NA when local weather not available.
¹NA when control tower closed.
²Category D, 700-2.

MINNEAPOLIS, MN (CON'T)

MINNEAPOLIS-ST. PAUL INTL/WOLD-
CHAMBERLAIN (MSP).....ILS or LOC Rwy 12L¹
 ILS or LOC Rwy 12R¹
 ILS or LOC Rwy 30L²
 ILS or LOC Rwy 30R²
 ILS Z or LOC Rwy 35²
 LOC Rwy 4⁴
 LOC Rwy 17³
 LOC Rwy 22⁴
 RNAV (GPS) Rwy 4⁴
 RNAV (GPS) Rwy 22⁴
 RNAV (GPS) Z Rwy 12L⁴
 RNAV (GPS) Z Rwy 12R⁴
 RNAV (GPS) Z Rwy 30L⁴
 RNAV (GPS) Z Rwy 30R⁴
 RNAV (GPS) Z Rwy 35⁴

¹ILS, Category C, 700-2; Category D, 900-2½;
Category E, 1000-3; LOC, Category D, 900-2½;
Category E, 1000-3.
²ILS, Category C, 700-2; Category D, 900-2½;
Category E, 1000-3; LOC, Category D, 900-2½;
Category E, 1000-3.
³Category D, 900-2½.
⁴Category D, 900-2½; Category E, 1000-3.

MINOT, ND

MINOT INTL (MOT).....ILS or LOC Rwy 31¹²
 LOC/DME BC Rwy 13¹
 RNAV (GPS) Rwy 8
 RNAV (GPS) Rwy 13
 RNAV (GPS) Rwy 26
 RNAV (GPS) Rwy 31
 VOR Rwy 8³
 VOR Rwy 26⁴

NA when local weather not available.
¹NA when tower closed.
²Category E, 1100-3.
³Categories A, B, 1100-2; Categories C, D, 1100-3.
⁴Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2½.

MITCHELL, SD

MITCHELL MUNI (MHE).....RNAV (GPS) Rwy 13
 RNAV (GPS) Rwy 18
 RNAV (GPS) Rwy 31
 RNAV (GPS) Rwy 36
 VOR Rwy 13

NA when local weather not available.

MOBRIDGE, SD

MOBRIDGE MUNI (MBG).....RNAV (GPS) Rwy 12
 RNAV (GPS) Rwy 30
NA when local weather not available
Category D, 900-2½.

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019

NAME ALTERNATE MINIMUMS

MONTEVIDEO, MN

MONTEVIDEO-CHIPPEWA
COUNTY (MVE).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
NA when local weather not available

MOORHEAD, MN

MOORHEAD
MUNI (JKJ).....RNAV (GPS) Rwy 30¹
VOR-A²

¹NA when local weather not available.
²Categories A, B, 900-2;

MORA, MN

MORA MUNI (JMR).....RNAV (GPS) Rwy 35
NA when local weather not available.
Category D, 800-2¼.

MORRIS, MN

MORRIS MUNI-CHARLIE SCHMIDT
FLD (MOX).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
NA when local weather not available.

NEW ULM, MN

NEW ULM MUNI (ULM).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.

ORR, MN

ORR RGNL (ORB).....RNAV (GPS) Rwy 13
NA when local weather not available.

ORTONVILLE, MN

ORTONVILLE MUNI-MARTINSON
FIELD (VVV).....RNAV (GPS) Rwy 34
NA when local weather not available.

OWATONNA, MN

OWATONNA DEGNER
RGNL (OWA).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30¹
NA when local weather not available.
¹Category D, 800-2¼.

PARK RAPIDS, MN

PARK RAPIDS MUNI-KONSHOK
FIELD (PKD).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR Rwy 13
NA when local weather not available.
Category D, 1100-3.

NAME ALTERNATE MINIMUMS

PAYNESVILLE, MN

PAYNESVILLE
MUNI (PEX).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29
NA when local weather not available.

PHILIP, SD

PHILIP (PHP).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
VOR-A

NA when local weather not available.

PINE RIDGE, SD

PINE RIDGE (IEN).....RNAV (GPS) Rwy 12¹
RNAV (GPS) Rwy 30²

¹Category C, 900-2½.
²Categories A, B, 900-2.

PIPESTONE, MN

PIPESTONE
MUNI (PQN).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
NA when local weather not available.

PRESTON, MN

FILLMORE
COUNTY (FKA).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29
NA when local weather not available.

RAPID CITY, SD

RAPID CITY
RGNL (RAP).....ILS or LOC Rwy 32³
RNAV (GPS) Rwy 5¹
RNAV (GPS) Rwy 14¹²
RNAV (GPS) Rwy 23¹
RNAV (GPS) Rwy 32⁴
VOR or TACAN Rwy 14¹²
VOR or TACAN Rwy 32¹²

¹NA when local weather not available.
²Category E, 800-2¼.
³ILS, Categories B, C, 700-2; Category D, 800-2¼; Category E, 800-2¼. LOC, Category D, 800-2¼; Category E, 800-2¼.
⁴Category D, 800-2¼; Category E, 800-2¼.

RED WING, MN

RED WING
RGNL (RGK).....RNAV (GPS) Rwy 9¹
RNAV (GPS) Rwy 27²
NA when local weather not available.
¹Category C, 800-2¼, Category D, 800-2½.
²Category C, 800-2¼.

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019

NAME ALTERNATE MINIMUMS

REDWOOD FALLS, MN

REDWOOD FALLS
MUNI (RWF).....RNAV (GPS) Rwy 30
VOR-A

Category D, 800-2½.
NA when local weather not available.

ROCHESTER, MN

ROCHESTER
INTL (RST).....ILS or LOC Rwy 13
ILS Z or LOC Z Rwy 31
COPTER ILS Y or LOC Y Rwy 31

NA when control tower closed.

ROLLA, ND

ROLLA MUNI (06D).....RNAV (GPS) Rwy 32
NA when local weather not available.
Category D, 900-2½.

ROSEAU, MN

ROSEAU MUNI/RUDY BILLBERG
FIELD (ROX).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

RUGBY, ND

RUGBY MUNI (RUG).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

RUSH CITY, MN

RUSH CITY
RGNL (ROS).....RNAV (GPS) Rwy 34
NA when local weather not available.

ST. CLOUD, MN

ST. CLOUD
RGNL (STC).....ILS or LOC/DME Rwy 13¹²³
RNAV (GPS) Rwy 5¹
RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 23¹
RNAV (GPS) Rwy 31¹
VOR Rwy 31³

¹NA when local weather not available.
²ILS, Categories A, B, C, D, 700-2.
³NA when control tower closed.

ST. JAMES, MN

ST. JAMES
MUNI (JYG).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33

NA when local weather not available.

NAME ALTERNATE MINIMUMS

ST. PAUL, MN

LAKE ELMO (21D).....NDB Rwy 4¹
RNAV (GPS) Rwy 32

NA when local weather not available.
¹Categories A, B, 900-2; Category C 900-2½.

ST. PAUL DOWNTOWN HOLMAN

FIELD (STP).....ILS or LOC Rwy 14¹²
ILS or LOC Rwy 32¹²
NDB Rwy 31³
RNAV (GPS) Rwy 14⁴
RNAV (GPS) Rwy 32⁴

¹NA when control tower closed.
²LOC, Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.
³Categories A, B, 900-2; Category C, 900-2½; Category D, 900-3.
⁴Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.

SAUK CENTRE, MN

SAUK CENTRE
MUNI (D39).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

SILVER BAY, MN

SILVER BAY
MUNI (BFW).....RNAV (GPS) Rwy 25
NA when local weather not available.

SIoux FALLS, SD

JOE FOSS
FIELD (FSD).....ILS or LOC Rwy 3¹²
ILS or LOC Rwy 21¹³
RADAR-1⁴
VOR or TACAN Rwy 15⁵
VOR/DME or TACAN Rwy 33⁴
RNAV (GPS) Rwy 15⁶
RNAV (GPS) Rwy 21⁷

¹NA when control tower closed.
²ILS, Category D, 700-2.
³ILS, Categories A, B, C, D, 700-2.
⁴Category E, 800-2½.
⁵Category E, 900-3.
⁶Category C, 800-2½; Category D, 800-2½.
⁷Category D, 800-2½.

SLAYTON, MN

SLAYTON MUNI (DVP).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available.

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019

NAME ALTERNATE MINIMUMS

SOUTH ST. PAUL, MN

SOUTH ST. PAUL MUNI-RICHARD E
FLEMING FIELD (SGS)RNAV (GPS) Rwy 34
Category D, 800-2½.

SPEARFISH, SD

BLACK HILLS-
CLYDE ICE FIELD (SPF).....RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 31²
¹Categories A, B, 900-2, Category C, 1000-2¾.
²Categories A, B, 1000-2, Category C, 1000-2¾.

STAPLES, MN

STAPLES MUNI (SAZ).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
NA when local weather not available.

THIEF RIVER FALLS, MN

THIEF RIVER
FALLS RGNL (TVF).....ILS or LOC Rwy 31¹
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31
VOR Rwy 13
NA when local weather not available.
¹LOC, Category D, 900-2¾.

TIOGA, ND

TIOGA
MUNI (D60).....RNAV (GPS) Rwy 30
RNAV (GPS) Rwy 12
NA when local weather not available.
Category D, 800-2¼.

TWO HARBORS, MN

RICHARD B.
HELGESON (TWM).....RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24
NA when local weather not available.

VERMILLON, SD

HAROLD DAVIDSON
FIELD (VMR).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
NA when local weather not available.

WADENA, MN

WADENA MUNI (ADC).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
NA when local weather not available.

WAHPETON, ND

HARRY
STERN (BWP).....RNAV (GPS) Rwy 33
NA when local weather not available.

NAME ALTERNATE MINIMUMS

WALKER, MN

WALKER MUNI (Y49).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.
Category C, 800-2¼.

WARROAD, MN

WARROAD INTL
MEMORIAL (RRT).....RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 31
NA when local weather not available.
¹Category C, 900-2¾; Category D, 900-3.

WASECA, MN

WASECA MUNI (ACQ).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.

WATERTOWN, SD

WATERTOWN
RGNL (ATY).....ILS or LOC Rwy 35¹
LOC BC Rwy 17²
RNAV (GPS) Rwy 12²
RNAV (GPS) Rwy 17³
RNAV (GPS) Rwy 30³
RNAV (GPS) Rwy 35²
VOR or TACAN Rwy 17³
¹ILS, LOC, Category C, 800-2¼; Category D, 800-2½.
²Category C, 800-2¼; Category D, 800-2½.
³NA when local weather not available.

WHEATON, MN

WHEATON MUNI (ETH).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
NA when local weather not available.

WILLISTON, ND

SLOULIN FIELD
INTL (ISN).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29
VOR Rwy 11
NA when local weather not available.

WILLMAR, MN

WILLMAR MUNI-JOHN
L RICE FIELD (BDH).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR Rwy 31¹
NA when local weather not available.
¹Category D, 800-2¼.

WINNER, SD

WINNER RGNL (ICR).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR-A
NA when local weather not available.

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019

19003

| | | | |
|------|--------------------|------|--------------------|
| NAME | ALTERNATE MINIMUMS | NAME | ALTERNATE MINIMUMS |
|------|--------------------|------|--------------------|

WINONA, MN

WINONA MUNI-MAX CONRAD

FLD (ONA).....**ILS Y or LOC Y Rwy 30**¹²**ILS Z or LOC Z Rwy 30**¹²**RNAV (GPS) Rwy 12**³**RNAV (GPS) Rwy 30**¹¹NA when local weather not available.²ILS, LOC, Categories A, B, 1000-2; Category C, 1200-3; Category D, 1400-3.³Categories A, B, 1000-2; Category C, 1200-3; Category D, 1400-3.**WORTHINGTON, MN**

WORTHINGTON

MUNI (OTG).....**RNAV (GPS) Rwy 11**²**RNAV (GPS) Rwy 18**²**RNAV (GPS) Rwy 29**²**RNAV (GPS) Rwy 36**²**VOR Rwy 11**¹**VOR Rwy 18**²¹Category D, 800-2½.²NA when local weather not available.**YANKTON, SD**

CHAN GURNEY

MUNI (YKN).....**RNAV (GPS) Rwy 13****RNAV (GPS) Rwy 31****VOR Rwy 13**

NA when local weather not available.

03 JAN 2019 to 31 JAN 2019

03 JAN 2019 to 31 JAN 2019