

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 INTL (BDE)..... | RNAV (GPS) Rwy 12¹ RNAV (GPS) Rwy 30¹ VOR/DME Rwy 12 |
| RGNL (ABR)..... | RNAV (GPS) Rwy 13¹ RNAV (GPS) Rwy 17² RNAV (GPS) Rwy 31¹ RNAV (GPS) Rwy 35² VOR Rwy 31¹ VOR/DME Rwy 13¹ | Category C, 800-2¼; Category D, 800-2½. ¹ NA when local weather not available. | |
| ¹ NA when local weather not available. ² Category D, 900-2¾. | | BEMIDJI, MN | |
| AITKIN, MN | | BEMIDJI RGNL (BJI)..... | RNAV (GPS) Rwy 13 RNAV (GPS) Rwy 25 RNAV (GPS) Rwy 31 |
| AITKIN MUNI-STEVE KURTZ | | NA when local weather not available. | |
| FIELD (AIT)..... | RNAV (GPS) Rwy 16 RNAV (GPS) Rwy 34 | BENSON, MN | |
| NA when local weather not available. | | BENSON MUNI (BBB)..... | RNAV (GPS) Rwy 14 RNAV (GPS) Rwy 32 |
| ALBERT LEA, MN | | NA when local weather not available. | |
| ALBERT LEA | | BIGFORK, MN | |
| MUNI (AEL)..... | RNAV (GPS) Rwy 17 RNAV (GPS) Rwy 35 VOR RWY 17 VOR/DME RWY 35 | BIGFORK MUNI (FOZ)..... | RNAV (GPS) Rwy 15 RNAV (GPS) Rwy 33 |
| NA when local weather not available. | | NA when local weather not available. | |
| ALEXANDRIA, MN | | BISMARCK, ND | |
| CHANDLER | | BISMARCK MUNI (BIS)..... | ILS or LOC Rwy 13¹ ILS or LOC Rwy 31² RADAR-1 |
| FIELD (AXN)..... | RNAV (GPS) Rwy 22 RNAV (GPS) Rwy 31 | NA when control tower closed. ¹ ILS, Categories A, B, C, 800-2; Category D 800-2¼. LOC, Category D 800-2¼. ² ILS, Categories A, B, C, D, 700-2. | |
| NA when local weather not available. | | BOWMAN, ND | |
| APPLETON, MN | | BOWMAN RGNL (BWW)..... | RNAV (GPS) Rwy 13 RNAV (GPS) Rwy 31 |
| APPLETON | | NA when local weather not available. | |
| MUNI (AQP)..... | RNAV (GPS) Rwy 13 | | |
| NA when local weather not available. | | | |
| AUSTIN, MN | | | |
| AUSTIN MUNI (AUM)..... | RNAV (GPS) Rwy 17¹ RNAV (GPS) Rwy 35 | | |
| NA when local weather not available. ¹ Category D, 800-2¼. | | | |

NAME ALTERNATE MINIMUMS

BRAINERD, MN

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

NA when local weather not available.

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.

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.

CROOKSTON, MN

CROOKSTON MUNI-KIRKWOOD
FIELD (CKN).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
VOR/DME Rwy 31

NA when local weather not available.

NAME ALTERNATE MINIMUMS

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 9¹
RNAV (GPS) Rwy 21²
RNAV (GPS) Rwy 27¹
VOR or TACAN Rwy 3¹
VOR/DME or TACAN Rwy 21¹

¹Categories D, E, 1000-3.
²Category D, 1000-3.

ELY, MN

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

NA when local weather not available.

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

NAME ALTERNATE MINIMUMS

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

NA when local weather not available.
¹Category C, 800-2¼.

GLENCOE, MN

GLENCOE
MUNI (GYL).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

NAME ALTERNATE MINIMUMS

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, 800-2¼.

HALLOCK, MN

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

NA when local weather not available.

HETTINGER, ND

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

Category D, 800-2¼.

17341

NAME ALTERNATE MINIMUMS

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
RNAV (GPS) Rwy 33
VOR/DME Rwy 33

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 2¼.

LANGDON, ND

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

LONG PRAIRIE, MN

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

LITCHFIELD, MN

LITCHFIELD
MUNI (LJF).....RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 31¹
VOR-A¹

Category D, 800-2¼.
¹NA 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).....NDB Rwy 32
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

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

17341

NAME ALTERNATE MINIMUMS

MANKATO, MN

MANKATO RGNL
(MKT).....**COPTER ILS or LOC Rwy 33**
LS 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).....**RNAV (GPS) Rwy 28**
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.

MINNEAPOLIS, MN

AIRLAKE (LVN).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30
VOR Rwy 12¹

NA when local weather not available.

¹Category D, 800-2¼.

ANOKA COUNTY-BLAINE
(JANES FIELD)

(ANE).....**ILS or LOC Rwy 27**
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 27
VOR Rwy 9

NA 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.

NAME ALTERNATE MINIMUMS

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, 900-2¼; Category E, 1000-3; LOC, Category D, 900-2¼; Category E, 1000-3.

²ILS, Category C, 700-2; Category D, 900-2¼; Category E, 1000-3; LOC, Category D, 900-2¼; Category E, 1000-3.

³Category D, 900-2¼.

⁴Category D, 900-2¼; 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, 900-2¼; Category D, 900-2¼.

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, 900-2¼.

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

17341

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 30
NA when local weather not available.
Categories 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, 800-2¼.²Category C, 800-2¼.

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

NAME ALTERNATE MINIMUMS

REDWOOD FALLS, MNREDWOOD FALLS
MUNI (RWF).....RNAV (GPS) Rwy 30
VOR-ACategory D, 800-2½.
NA when local weather not available.**ROCHESTER, MN**ROCHESTER
INTL (RST).....ILS or LOC Rwy 13
ILS or LOC Rwy 31
COPTER ILS or LOC 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, NDRUGBY MUNI (RUG).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

RUSH CITY, MNRUSH CITY
RGNL (ROS).....RNAV (GPS) Rwy 34

NA when local weather not available.

ST. CLOUD, MNST. CLOUD
RGNL (STC).....ILS or LOC/DME Rwy 13¹²
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 31
VOR Rwy 31²

NA when local weather not available.

¹ILS, Categories A, B, C, D, 700-2.²NA 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, MNLAKE ELMO (21D).....NDB Rwy 4¹
RNAV (GPS) Rwy 32NA 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 32⁴¹NA when control tower closed.²ILS, LOC, 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, MNSILVER BAY
MUNI (BFW).....RNAV (GPS) Rwy 25

NA when local weather not available.

SIoux FALLS, SDJOE 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 21⁷¹NA 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.

SOUTH ST. PAUL, MNSOUTH ST. PAUL MUNI-RICHARD E
FLEMING FIELD (SGS)..... RNAV (GPS) Rwy 34

Category D, 800-2½.

NA when local weather not available.

NAME ALTERNATE MINIMUMS

SPEARFISH, SD

BLACK HILLS-
CLYDE ICE FIELD (SPF).....RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 31²

¹Categories A, B, 900-2, Category C, 1000-2½.²Categories A, B, 1000-2, Category C, 1000-2½.**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.

¹ILS, Category C, 800-2; Category D, 900-2½;

LOC, Category D, 900-2½.

TIOGA, ND

TIOGA
MUNI (D60).....RNAV (GPS) Rwy 30
RNAV (GPS) Rwy 12

NA when local weather not available.

Category D, 800-2½.

TWO HARBORS, MN

RICHARD B.
HELGESON (TWM).....RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24

NA when local weather not available.

VERMILLION, 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, 800-2½.

WARROAD, MN

WARROAD INTL
MEMORIAL (RRT).....RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 31

NA when local weather not available.

¹Category C, 900-2½; 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 12³
RNAV (GPS) Rwy 17³
RNAV (GPS) Rwy 30³
RNAV (GPS) Rwy 35²
VOR or TACAN Rwy 17³

¹ILS, LOC, Category C, 800-2½; Category D, 800-2½.²Category C, 800-2½; 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, 800-2½.

17341

NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

WINNER, SD

WINNER RGNL (ICR).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR-A

NA when local weather not available.

WINONA, MN

WINONA MUNI-MAX CONRAD
FLD (ONA).....ILS Y or LOC Y Rwy 30¹²
ILS Z or LOC Z Rwy 30¹²
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 30¹

¹NA 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 11²
RNAV (GPS) Rwy 18²
RNAV (GPS) Rwy 29²
RNAV (GPS) Rwy 36²
VOR Rwy 11¹
VOR Rwy 18²

¹Category 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.

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

17341