

INSTRUMENT APPROACH PROCEDURE CHARTS

**IFR ALTERNATE AIRPORT MINIMUMS**

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). 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 or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

ABERDEEN, SD

ABERDEEN RGNL RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 35
VOR Rwy 31
VOR/DME Rwy 13

NA when local weather not available.

ALBERT LEA, MN

ALBERT LEA MUNI RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
VOR Rwy 17
VOR/DME Rwy 35

NA when local weather not available.

ALEXANDRIA, MN

CHANDLER FIELD RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31

NA when local weather not available.

APPLETON, MN

APPLETON MUNI RNAV (GPS) Rwy 13

NA when local weather not available.

AUSTIN, MN

AUSTIN MUNI RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
VOR/DME-A

NA when local weather not available.

BAUDETTE, MN

BAUDETTE INTL RNAV (GPS) Rwy 12¹
RNAV (GPS) Rwy 30¹
VOR/DME Rwy 12
VOR Rwy 30

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

¹NA when local weather not available.

NAME ALTERNATE MINIMUMS

BEMIDJI, MN

BEMIDJI RGNL RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 25
RNAV (GPS) Rwy 31

NA when local weather not available.

BENSON, MN

BENSON MUNI RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

BIGFORK, MN

BIGFORK MUNI RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33

NA when local weather not available.

BISMARCK, ND

BISMARCK MUNI ILS or LOC Rwy 13¹
ILS or LOC Rwy 31²
RADAR-1

NA when control tower closed.

¹ILS, Categories A, B, C, 800-2; Category D 800-2½. LOC, Category D 800-2½.

²ILS, Categories A, B, C, D, 700-2.

BRAINERD, MN

BRAINERD LAKES RGNL . ILS or LOC Rwy 23
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 30
RNAV (GPS) Rwy 34

NA when local weather not available.

BROOKINGS, SD

BROOKINGS RGNL RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

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ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

BUFFALO, MN
BUFFALO MUNI RNAV (GPS) Rwy 35
VOR-A

NA when local weather not available.

CANBY, MN

MYERS FIELD RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

CLOQUET, MN

CLOQUET CARLTON
COUNTY RNAV (GPS) Rwy 35

NA when local weather not available.

COOK, MN

COOK MUNI RNAV (GPS) Rwy 31

NA when local weather not available.

CROOKSTON, MN

CROOKSTON MUNI-
KIRKWOOD FIELD RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 31¹
VOR Rwy 31²

¹NA when local weather not available.

²Category A, B, 900-2; Category C, 900-2½.

DETROIT LAKES, MN

DETROIT LAKES-
WETHING FIELD RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

Category D, 800-2¼.

DEVILS LAKE, ND

DEVILS LAKE
RGNL ILS or LOC/DME Rwy 31¹
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 31
VOR Rwy 3²
VOR Rwy 21³

NA when local weather not available.

¹ILS, Category D, 700-2.

²Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¾.

³Category C, 800-2¼, Category D, 800-2½.

DICKINSON, ND

DICKINSON-THEODORE
ROOSEVELT RGNL RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
VOR-A

NA when local weather not available.

NAME ALTERNATE MINIMUMS

DODGE CENTER, MN
DODGE CENTER RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
VOR-A

NA when local weather not available.

DULUTH, MN

DULUTH INTL COPTER ILS Rwy 9¹
ILS or LOC Rwy 9²
ILS or LOC Rwy 27³
RNAV (GPS) Rwy 9⁴
RNAV (GPS) Rwy 27⁴
RADAR-1⁴
VOR or TACAN Rwy 3⁴
VOR/DME or TACAN Rwy 21⁴

¹LOC, NA.

²ILS, Category E, 900-2½; LOC, Category E,
800-2½.

³ILS, Category E, 700-2¼; LOC, Category E,
800-2¼.

⁴Category E, 800-2¼.

EVELETH, MN

EVELETH-VIRGINIA
MUNI VOR/DME or GPS-A
Category C, 800-2¼; Category D, 800-2½.

FARIBAULT, MN

FARIBAULT MUNI RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
VOR-A

NA when local weather not available.

FAIRMONT, MN

FAIRMONT MUNI RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR Rwy 13
VOR Rwy 31

NA when local weather not available.

FARGO, ND

HECTOR INTL ILS or LOC Rwy 18¹
ILS or LOC Rwy 36¹
RNAV (GPS) Rwy 18²
RNAV (GPS) Rwy 36²
VOR/DME or TACAN Rwy 18²
VOR or TACAN Rwy 36³

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

²Category E, 800-2¼.

³Category D, 800-2¼, Category E, 800-2½.

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ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

FERGUS FALLS, MN

FERGUS FALLS MUNI-EINAR
MICKELSON FIELD ILS or LOC Rwy 31¹
NDB Rwy 31²
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.

GLENCOE, MN

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

GLENWOOD, MN

GLENCOE MUNI RNAV (GPS) Rwy 33
NA when local weather not available.

GRANDFORKS, ND

GRAND FORKS INTL ... 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, 700-2¼. LOC, Category E, 800-2¼.
³NA when local weather not available.

GRAND MARAIS, MN

GRAND MARAIS/
COOK COUNTY RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27
NA when local weather not available.

GRAND RAPIDS, MN

GRAND RAPIDS/ITASCA COUNTY-GORDON
NEWSTROM FIELD 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
MEMORIAL FIELD RNAV (GPS) Rwy 33
NA when local weather not available.

HALLOCK, MN

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

NAME ALTERNATE MINIMUMS

HETTINGER, ND

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

HIBBING, MN

RANGE RGNL ILS OR LOC/DME Rwy 13¹
VOR Rwy 13²

¹ILS, Categories A, B, C, D, 800-2.
²Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¼; ILS, 700-2.

HURON, SD

HURON RGNL ILS or LOC Rwy 12¹²
LOC/DME BC Rwy 30²³
RNAV (GPS) Rwy 12²³
RNAV (GPS) Rwy 30²³
VOR Rwy 12²³

¹ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.
²NA when local weather not available.
³Category D, 800-2¼.

HUTCHINSON, MN

HUTCHINSON MUNI-
BUTLER FIELD RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR/DME Rwy 13
NA when local weather not available.

INTERNATIONAL FALLS, MN

FALLS INTL 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 13²³
VOR/DME Rwy 31²

¹LOC, NA; ILS, NA when local weather not available.
²NA when local weather not available.
³Category D, 800-2¼.

JACKSON, MN

JACKSON MUNI RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
NDB Rwy 13
NA when local weather not available.

JACKSON, MN

JACKSON MUNI RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
NDB Rwy 13
NA when local weather not available.

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NAME ALTERNATE MINIMUMS

JAMESTOWN, ND

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

NA when local weather not available.

LANGDON, ND

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

NA when local weather not available.

LITCHFIELD, MN

LITCHFIELD MUNI RNAV (GPS) Rwy 13¹
 RNAV (GPS) Rwy 31¹
 VOR-A¹
 VOR/DME Rwy 13

Category D, 800-2¼.

¹NA when local weather not available.

LITTLE FALLS, MN

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

MADISON, SD

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

NA when local weather not available

MANKATO, MN

MANKATORGNL RNAV (GPS) Rwy 4
 RNAV (GPS) Rwy 15
 RNAV (GPS) Rwy 22
 RNAV (GPS) Rwy 33
 VOR Rwy 15
 VOR Rwy 33

NA when local weather not available.

MAPLE LAKE, MN

MAPLE LAKE MUNI RNAV (GPS) Rwy 28
 VOR-A

NA when local weather not available.

MARSHALL, MN

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

MINNEAPOLIS, MN

AIRLAKE RNAV (GPS) Rwy 12
 VOR Rwy 12¹

NA when local weather not available.

¹Category D, 800-2¼.

ANOKA COUNTY-BLAINE AIRPORT

(JANES FIELD) ILS or LOC/DME Rwy 27
 RNAV (GPS) Rwy 9
 RNAV (GPS) Rwy 18
 RNAV (GPS) Rwy 27
 VOR Rwy 9
 VOR/DME Rwy 27

NA when local weather not available.

CRYSTAL RNAV (GPS) Rwy 14L

NA when local weather not available.

FLYING

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

NA when local weather not available.

¹NA when control tower closed.

MINNEAPOLIS-ST. PAUL INTL/

WOLD CHAMBERLAIN . ILS or LOC Rwy 12L²
 ILS or LOC Rwy 12R¹
 ILS or LOC Rwy 30L¹
 ILS or LOC Rwy 30R²
 ILS or LOC Rwy 35³
 LOC Rwy 4⁴
 LOC Rwy 22⁴
 RNAV (GPS) Rwy 4⁴
 RNAV (GPS) Rwy 12L⁵
 RNAV (GPS) Rwy 12R⁴
 RNAV (GPS) Rwy 22⁴
 RNAV (GPS) Rwy 30L⁴
 RNAV (GPS) Rwy 30R⁴
 RNAV (GPS) Z Rwy 35⁶

¹ILS, Category D, 700-2; Category E, 900-3.

LOC, Category E, 900-3.

²ILS, Categories A, B, C, 700-2; Category D, 700-2¼; Category E, 900-3. LOC, Category D, 800-2¼; Category E, 900-3.

³ILS, Categories A, B, 800-2; Category C, 800-2¼; Category D, 800-2¼; Category E, 900-3. LOC, Category C, 800-2¼; Category D, 800-2¼; Category E, 900-3.

⁴Category E, 900-3.

⁵Category D, 800-2¼; Category E, 900-3.

⁶Category D, 800-2¼.

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ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

MINOT, ND

MINOT INTL 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, 900-2¾.

MITCHELL, SD

MITCHELL MUNI RNAV (GPS) Rwy 12
 RNAV (GPS) Rwy 30
 VOR Rwy 12
 VOR Rwy 30¹

NA when local weather not available.

¹Categories A, B, 1000-2; Categories C, D, 1000-3.

MOBRIDGE, SD

MOBRIDGE MUNI RNAV (GPS) Rwy 12
 RNAV (GPS) Rwy 30

NA when local weather not available

Category D, 900-2¾.

MORRIS, MN

MORRIS MUNI-CHARLIE
 SCHMIDT FLD RNAV (GPS) Rwy 14
 RNAV (GPS) Rwy 32

NA when local weather not available.

ORR, MN

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

ORTONVILLE, MN

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

PARK RAPIDS, MN

PARK RAPIDS MUNI-
 KONSHOK FIELD NDB Rwy 31
 RNAV (GPS) Rwy 13
 RNAV (GPS) Rwy 31
 VOR Rwy 31
 VOR/DME Rwy 13

NA when local weather not available.

NAME ALTERNATE MINIMUMS

PAYNESVILLE, MN

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

PINE RIDGE, SD

PINE RIDGE RNAV (GPS) Rwy 30
 NA when local weather not available.
 Categories A, B, 900-2.

PIPESTONE, MN

PIPESTONE MUNI NDB Rwy 36
 RNAV (GPS) Rwy 18
 RNAV (GPS) Rwy 36

NA when local weather not available.

PRESTON, MN

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

RAPID CITY, SD

RAPID CITY RGNL ILS or LOC Rwy 32¹
 RNAV (GPS) Rwy 14²
 RNAV (GPS) Rwy 32²
 VOR or TACAN Rwy 14²
 VOR or TACAN Rwy 32²

NA when local weather not available.

¹ILS, Category D, 700-2; Category E, 800-2¾.

LOC, Category E, 800-2¾.

²Category E, 800-2¼.

RED WING, MN

RED WING RGNL 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.

REDWOOD FALLS, MN

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

Category D, 800-2¼.

NA when local weather not available.

ROCHESTER, MN

ROCHESTER INTL ILS or LOC Rwy 13
 ILS or LOC Rwy 31
 COPTER ILS or LOC Rwy 31
 NA when control tower closed.

ROSEAU, MN

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

NA when local weather not available.

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NAME ALTERNATE MINIMUMS

RUGBY, ND

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

NA when local weather not available.

RUSH CITY, MN

RUSH CITY RGNL RNAV (GPS) Rwy 34

NA when local weather not available.

SAUK CENTRE, MN

SAUK CENTRE MUNI RNAV (GPS) Rwy 32

NA when local weather not available.

ST. CLOUD, MN

ST. CLOUD RGNL . ILS or LOC/DME Rwy 13¹²³

RNAV (GPS) Rwy 5¹

RNAV (GPS) Rwy 13¹

RNAV (GPS) Rwy 23¹

RNAV (GPS) Rwy 31¹

VOR/DME Rwy 13¹²

VOR Rwy 31¹²

¹NA when local weather not available.

²NA when control tower closed.

³ILS, Categories A, B, C, D, 700-2.

ST. PAUL, MN

LAKE ELMO 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 ILS or LOC Rwy 14¹²

ILS or LOC Rwy 32¹³

RNAV (GPS) Rwy 14³

RNAV (GPS) Rwy 32⁴

¹NA when local weather not available.

²ILS, LOC, Categories A, B, 900-2; Category

C, 900-2½; Category D, 900-2¾.

³Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2¾.

⁴Categories A, B, C, 900-2½; Category D,

900-2¾.

SILVER BAY, MN

SILVER BAY MUNI RNAV (GPS) Rwy 25

NA when local weather not available.

NAME ALTERNATE MINIMUMS

SIOUX FALLS, SD

JOE FOSS FIELD ILS or LOC Rwy 31²

ILS or LOC Rwy 21¹³

RADAR-1⁴

RNAV (GPS) Rwy 31¹

RNAV (GPS) Rwy 21¹

VOR or TACAN Rwy 15⁵

VOR/DME or TACAN Rwy 33⁴

¹NA when control tower closed.

²LOC, NA.

³ILS, Categories A, B, C, 700-2; Category D,

700-2¼. LOC, Category D, 800-2¼.

⁴Category E, 800-2¾.

⁵Category E, 900-3.

SOUTH ST. PAUL, MN

SOUTH ST. PAUL MUNI-RICHARD E

FLEMING FIELD RNAV (GPS) Rwy 34

Category D, 800-2¼.

NA when local weather not available.

SPEARFISH, SD

BLACK HILLS-

CLYDE ICE FIELD NDB-A¹

RNAV (GPS) Rwy 13²

RNAV (GPS) Rwy 31³

¹Categories A, B, 1000-2.

²Categories A, B, 900-2, Category C, 1000-2¾.

³Categories A, B, 1000-2, Category C, 1000-2¾.

THIEF RIVER FALLS, MN

THIEF RIVER

FALLS RGNL RNAV (GPS) Rwy 13

RNAV (GPS) Rwy 31

VOR Rwy 13

NA when local weather not available.

TWO HARBORS, MN

RICHARD B.

HELGESON RNAV (GPS) Rwy 6

RNAV (GPS) Rwy 24

NA when local weather not available.

VERMILLION, SD

HAROLD DAVIDSON

FIELD RNAV (GPS) Rwy 30

NA when local weather not available.

WARROAD, MN

WARROAD INTL

MEMORIAL RNAV (GPS) Rwy 13

RNAV (GPS) Rwy 31

NA when local weather not available.

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