



INSTRUMENT APPROACH PROCEDURE CHARTS



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

ABERDEEN, SD

ABERDEEN
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

¹NA when local weather not available.

²Category D, 900-2½.

AITKIN, MN

AITKIN MUNI-STEVE KURTZ
FIELD (AIT) RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

ALBERT LEA, MN

ALBERT LEA
MUNI (AEL) 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 (AXN) RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 31

NA when local weather not available.

APPLETON, MN

APPLETON
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.

¹Category D, 800-2½.

NAME ALTERNATE MINIMUMS

BAUDETTE, MN

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

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

¹NA when local weather not available.

BEMIDJI, MN

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

NA when local weather not available.

BENSON, MN

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

NA when local weather not available.

BIGFORK, MN

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

NA when local weather not available.

BISMARCK, ND

BISMARCK MUNI (BIS) 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.

BOWMAN, ND

BOWMAN RGNL (BWW) RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

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NAME ALTERNATE MINIMUMS
EVELETH, MN
 EVELETH-VIRGINIA
 MUNI (EVM).....RNAV (GPS) Rwy 27¹
 VOR-A²

¹NA when local weather not available.
²Category C, 800-2½; 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, 800-2½;
 Category E, 800-2½. LOC, Category D,
 800-2½; Category E, 800-2½.
²Category D, 800-2½, Category E, 800-2½.
³Category D, 800-2½.

FARIBAULT, MN
 FARIBAULT MUNI (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, 700-2½. LOC, Category D,
 800-2½.
²Category D, 800-2½.

FOSSTON, MN
 FOSSTON
 MUNI (FSE)..... NDB Rwy 34¹
 RNAV (GPS) Rwy 16
 RNAV (GPS) Rwy 34

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

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, 900-2½.

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.

HETTINGER, ND
 HETTINGER
 MUNI (HEI)..... RNAV (GPS) Rwy 12
 RNAV (GPS) Rwy 30
 Category D, 800-2½.

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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 13²³

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 31
 NA when local weather not available.

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

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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).....**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, 800-2½.

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, 900-2½;
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.

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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 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, 900-2¾.

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 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, 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.
²ILS, LOC, Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.
³Categories A, B, 900-2; Category C, 900-2¾; Category D, 900-3.
⁴Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2¾.

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 33⁶
¹NA when control tower closed.
²ILS, Category D, 700-2.
³ILS, Categories A, B, C, D, 700-2.
⁴Category E, 800-2¾.
⁵Category E, 900-3.
⁶Category C, 800-2¾; Category 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, MN
 SOUTH ST. PAUL MUNI-RICHARD E
 FLEMING FIELD (SGS) **RNAV (GPS) Rwy 34**
 Category D, 800-2½.
 NA when local weather not available.

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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.

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