

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
ABERDEEN, SD	
ABERDEEN	
RGNL (ABR).....	RNAV (GPS) Rwy 13¹
	RNAV (GPS) Rwy 17¹
	RNAV (GPS) Rwy 31²
	RNAV (GPS) Rwy 35¹
	VOR Rwy 31²
	VOR/DME Rwy 13²

¹Category D, 900-2½.
²NA when local weather not available.

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.	
¹ Category 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, 800-2½; Category D, 800-2½.	
¹ NA 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.
²LOC, Category C, 800-2½, Category D, 800-2½.

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

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 31

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 31¹**
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.

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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 (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.

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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 2¼.

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).....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

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, 900-2½.

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 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.
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.

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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.
¹ILS, Category C, 800-2; Category D, 900-2¾;
LOC, 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, 800-2¾.

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, 800-2¾.

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, 800-2¾; 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, 800-2¾.

WINNER, SD

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

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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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