

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).....	ILS or LOC Rwy 31 ¹
	RNAV (GPS) Rwy 13 ²
	RNAV (GPS) Rwy 17 ²
	RNAV (GPS) Rwy 31 ²
	RNAV (GPS) Rwy 35 ²
	VOR Rwy 13 ²
	VOR Rwy 31 ²

¹LOC, Category D, 900-2¼.
²Category D, 900-2¼.

AITKIN, MN	
AITKIN MUNI-STEVE KURTZ	
FLD (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
NA when local weather not available.	

ALEXANDRIA, MN	
CHANDLER	
FLD (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 17
	RNAV (GPS) Rwy 35
NA when local weather not available.	

NAME	ALTERNATE MINIMUMS
BAUDETTE, MN	
BAUDETTE	
INTL (BDE).....	RNAV (GPS) Rwy 12
	RNAV (GPS) Rwy 30 ¹
NA when local weather not available.	
¹ Categories A, B, C, D, 900-4.	

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 33
NA when local weather not available.	

BISMARCK, ND	
BISMARCK	
MUNI (BIS).....	ILS or LOC Rwy 13 ¹²
	ILS or LOC Rwy 31 ¹²
	RADAR-1 ¹
	RNAV (GPS) Rwy 3 ³
	RNAV (GPS) Rwy 13 ³
	RNAV (GPS) Rwy 21 ³
	RNAV (GPS) Rwy 31 ³
	VOR-A ³

¹NA when control tower closed.
²LOC, Category C, 800-2¼, Category D, 800-2½.
³Category C, 800-2¼, 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.

Camp Ripley, MN

Ray S. Miller (KRYM)....**ILS OR LOC Rwy 31**
LOC, CAT D, 1000-3.

NA when control tower closed.

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 18**
RNAV (GPS) Rwy 36

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

NA when local weather not available.

CROSBY, ND

CROSBY
MUNI (D50).....**RNAV (GPS) Rwy 30**

NA when local weather not available.

Category D, 800-2¼.

DETROIT LAKES, MN

DETROIT LAKES-WETHING
FLD (DTL).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 32

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).....**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 25
RNAV (GPS) Rwy 33
VOR-A

NA 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
RADAR-1²
RNAV (GPS) Rwy 3³
RNAV (GPS) Rwy 9²
RNAV (GPS) Rwy 21³
RNAV (GPS) Rwy 27³
VOR or TACAN Rwy 3²
VOR/DME or TACAN Rwy 21²

¹LOC, Categories D, E, 1000-3.

²Categories D, E, 1000-3.

³Category D, 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.
Category D, 1000-3.

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

¹LOC, Category C, 900-2¼; Category D, 900-2½.
²Category C, 900-2¼; Category D, 900-2½.

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

NA when local weather not available.

FERGUS FALLS, MN

FERGUS FALLS MUNI-EINAR MICKELSON
FLD (FFM).....ILS or LOC Rwy 31¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31²
RNAV (GPS) Rwy 35

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

FOSSTON, MN

FOSSTON MUNI-ANDERSON
FIELD (FSE).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

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 17R¹
RNAV (GPS) Rwy 9L
RNAV (GPS) Rwy 17R
RNAV (GPS) Rwy 27R
VOR Rwy 17R

NA when local weather not available.
¹NA when control tower closed.
²ILS, Category E, 700-2¼;
LOC, Category E, 800-2½.

GRAND MARAIS, MN

GRAND MARAIS/ COOK
COUNTY (CKC).....RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 28¹

Category D, 900-2¼.
¹NA when local weather not available.

GRAND RAPIDS, MN

GRAND RAPIDS/ITASCA COUNTY-GORDON
NEWSTROM FLD (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-
MEML FLD (GDB).....RNAV (GPS) Rwy 33
VOR/DME 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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HAZEN, ND

MERCER COUNTY
RGNL (HZE).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
NA when local weather not available.

HETTINGER, ND

HETTINGER/JB LINDQUIST
RGNL (HEI).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
Category D, 800-2¼.

HIBBING, MN

RANGE RGNL (HIB).....ILS OR LOC/DME Rwy 13¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31²
¹ILS, Categories A, B, C, D, 800-2.
²NA when local weather not available.

HURON, SD

HURON RGNL (HON).....ILS or LOC Rwy 12¹
LOC BC Rwy 30²
RNAV (GPS) Rwy 12²
RNAV (GPS) Rwy 30²
NA when local weather not available.
¹LOC, 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
FLD (INL).....COPTER ILS or LOC Rwy 31
ILS or LOC Rwy 31¹
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 32
VOR Rwy 13²
NA when local weather not available.
¹LOC, Category D, 800-2¼.
²Category D, 800-2¼.

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.

LONGVILLE, MN

LONGVILLE
MUNI (XVG).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
NA when local weather not available.

LITCHFIELD, MN

LITCHFIELD
MUNI (LJF).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
VOR-A
NA when local weather not available.
Category D, 1000-3.

LITTLE FALLS, MN

LITTLE FALLS/MORRISON COUNTY-
LINDBERGH FLD (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

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NAME ALTERNATE MINIMUMS

MANKATO, MN

MANKATO RGNL
(MKT).....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 FLD (MGG).....VOR-A
NA when local weather not available.

MARSHALL, MN

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

NA when local weather not available.

MINNEAPOLIS, MN

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

¹Category D, 800-2¼.

²NA when local weather not available.

CRYSTAL (MIC).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

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 4³
LOC Rwy 17⁴
LOC Rwy 22⁵
RNAV (GPS) Rwy 4³
RNAV (GPS) Rwy 22³
RNAV (GPS) Z Rwy 12L³
RNAV (GPS) Z Rwy 12R³
RNAV (GPS) Z Rwy 30L³
RNAV (GPS) Z Rwy 30R³
RNAV (GPS) Z Rwy 35³

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; Category E, 1000-3.

⁴Category D, 900-2¼.

⁵Category D, 800-2½; Category E, 1000-3.

MINOT, ND

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

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.

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

ORR, MN

ORR RGNL (ORB).....RNAV (GPS) Rwy 13
NA when local weather not available.
Category C, 900-2¼.

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
NA when local weather not available.
Category D, 1100-3.

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.

NAME ALTERNATE MINIMUMS

PIERRE, SD

PIERRE RGNL (PIR).....ILS or LOC Rwy 31¹²
RNAV (GPS) Rwy 7¹³
RNAV (GPS) Rwy 13¹³
RNAV (GPS) Rwy 25³
RNAV (GPS) Rwy 31³
VOR/DME or TACAN Rwy 7¹³
VOR or TACAN Rwy 25¹³

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

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.

PRINCETON, MN

PRINCETON MUNI (PNM).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
NA when local weather not available.

RAPID CITY, SD

RAPID CITY RGNL (RAP).....ILS or LOC Rwy 32¹
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 14²³
RNAV (GPS) Rwy 23²
RNAV (GPS) Rwy 32⁴
VOR or TACAN Rwy 14²⁴
VOR or TACAN Rwy 32²⁴

¹ILS, Categories B, C, 700-2; Category D, 800-2¼; Category E, 800-2¾. LOC, Category D, 800-2¼; Category E, 800-2¾.
²NA when local weather not available.
³Category D, 800-2½; Category E, 800-2¾.
⁴Category D, 800-2¼; Category E, 800-2¾.

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.

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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 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, 900-2¾.

ROSEAU, MN

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

NA when local weather not available.

RUGBY, ND

RUGBY MUNI (RUG).....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).....RNAV (GPS) Rwy 32
NA when local weather not available.

SAINT PAUL DOWNTOWN HOLMAN

FLD (STP).....ILS or LOC Rwy 14¹²
ILS or LOC Rwy 32¹²
RNAV (GPS) Rwy 14³
RNAV (GPS) Rwy 32³⁴

¹NA when control tower closed.

²LOC, 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.

⁴NA when local weather not available.

SAUK CENTRE, MN

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

NA when local weather not available.

SIoux FALLS, SD

JOE FOSS
FLD (FSD).....ILS or LOC Rwy 3¹²
ILS or LOC Rwy 21¹²
RADAR-1³
RNAV (GPS) Rwy 3⁴
RNAV (GPS) Rwy 15⁵
RNAV (GPS) Rwy 21⁴
VOR or TACAN Rwy 15⁶
VOR/DME or TACAN Rwy 35⁶

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category E, 800-2¾.

⁴Category D, 800-2½.

⁵Category C, 800-2¼; Category D, 800-2½.

⁶Category D, 800-2½; Category E, 900-3.

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 FLD (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, 1000-4, Category C, 1700-4.

²Categories A, B, 1000-2, Category C, 1700-3.

STAPLES, MN

STAPLES MUNI (SAZ).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

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NAME ALTERNATE MINIMUMS

THIEF RIVER FALLS, MN

THIEF RIVER
FALLS RGNL (TVF).....**ILS or LOC Rwy 31¹**
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 13^{2,3}
RNAV (GPS) Rwy 22²
RNAV (GPS) Rwy 31^{2,3}
VOR Y Rwy 13³
VOR Rwy 31³

¹LOC, Category D, 900-2¼.
²NA when local weather not available.
³Category D, 900-2¼.

TIOGA, ND

TIOGA
MUNI (D60).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30¹

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

TRACY, MN

TRACY MUNI (TKC).....**RNAV (GPS) Rwy 11**
NA when local weather not available.

TWO HARBORS, MN

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

VALLEY CITY, ND

BARNES COUNTY
MUNI (BAC).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
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.

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
MEML (RRT).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
NA when local weather not available.
Category C, 900-2¼; Category D, 900-3.

NAME ALTERNATE MINIMUMS

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 35^{1,2}**
LOC BC Rwy 17^{1,3}
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 17^{1,3}
RNAV (GPS) Rwy 30^{1,3}
RNAV (GPS) Rwy 35³
VOR or TACAN Rwy 17^{1,3}

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

WHEATON, MN

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

WILLISTON, ND

WILLISTON BASIN
INTL (XWA).....**RNAV (GPS) Rwy 4**
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 32
VOR Rwy 14
VOR Rwy 22
VOR Rwy 32
NA when local weather not available.

WILLMAR, MN

WILLMAR MUNI-JOHN L RICE
FLD (BDH).....**RNAV (GPS) Rwy 13¹**
RNAV (GPS) Rwy 31
VOR Rwy 31¹
NA when local weather not available.
¹Category D, 900-2¼.

WINDOM, MN

WINDOM MUNI (MWM).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

WINNER, SD

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

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NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

WINONA, MN

WINONA MUNI-MAX CONRAD

FIELD (ONA).....**ILS Y or LOC Y Rwy 30**¹²
ILS Z or LOC Z Rwy 30¹³
RNAV (GPS) Rwy 12⁴
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.
- ³LOC, Category A, B, 1000-2; Category C, 1200-3; Category D, 1400-3.
- ⁴Categories 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 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**¹
RNAV (GPS) Rwy 31¹
VOR Rwy 13²

- NA when local weather not available.
- ¹Category D, 800-2¼.
- ²Category C, 800-2¼; Category D, 800-2½.

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