

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability.

ANA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the **A**NA designation are not listed in this section. **A** designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	600-2	800-2
A Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	
US Military (USA/USN/USAF)	See Service Regulations	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, SDF, ASR, RNAV (GPS) and RNAV (RNP).

NAME ALTERNATE MINIMUMS

ABERDEEN, SD

ABERDEEN
RGNL (ABR).....**ILS or LOC Rwy 31¹**
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 17²
RNAV (GPS) Rwy 31²
RNAV (GPS) Rwy 35²
VOR Rwy 13²
VOR Rwy 31²

¹LOC, Category D, 900-2½.
²Category D, 900-2½.

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 17¹
VOR Rwy 35²

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

NAME ALTERNATE MINIMUMS

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.
Category C, 900-2½.

AUSTIN, MN

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

BAUDETTE, MN

BAUDETTE
INTL (BDE).....**RNAV (GPS) Rwy 12**
RNAV (GPS) Rwy 30¹
NA when local weather not available.
¹Categories A, B, C, D, 900-4.

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NAME ALTERNATE MINIMUMS

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 13¹²
ILS or LOC Rwy 31¹²
RADAR-1¹³
RNAV (GPS) Rwy 3³
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 21³
RNAV (GPS) Rwy 31³
VOR-A³

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.

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 (BXX).....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.

NAME ALTERNATE MINIMUMS

CAMBRIDGE, MN

CAMBRIDGE
MUNI (CBG).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34
NA when local weather not available.

CANBY, MN

MYERS FLD (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.

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.

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NAME ALTERNATE MINIMUMS

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

Category D, 900-2½.

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, MNGRANITE FALLS MUNI/LENZEN-ROE-FAGEN-
MEML FLD (GDB).....RNAV (GPS) Rwy 33
VOR/DME Rwy 33

NA when local weather not available.

GWINNER, NDGWINNER-ROGER MELROE
FIELD (GWR).....RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

Category D, 800-2½.

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

NA when local weather not available.

HAZEN, NDMERCER COUNTY
RGNL (HZE).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

HETTINGER, NDHETTINGER/JB LINDQUIST
RGNL (HEI).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

Category D, 800-2½.

HIBBING, MNRANGE RGNL (HIB).....ILS OR LOC/DME Rwy 13¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31²¹ILS, Categories A, B, C, D, 800-2.²NA when local weather not available.

NAME ALTERNATE MINIMUMS

HURON, SDHURON 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, 800-2½.²Category D, 800-2½.**HUTCHINSON, MN**HUTCHINSON MUNI/BUTLER
FLD (HCD).....RNAV (GPS) Rwy 15

NA when local weather not available.

INTERNATIONAL FALLS, MNFALLS INTL/EINARSON
FLD (INL).....COPTER ILS or LOC Rwy 31
ILS or LOC Rwy 31¹
RNAV (GPS) Rwy 13²
RNAV (GPS) Rwy 31²
VOR Rwy 13²
VOR Rwy 31²

NA when local weather not available.

¹LOC, Category D, 800-2½.²Category D, 800-2½.**JACKSON, MN**

JACKSON (MJQ).....RNAV (GPS) Rwy 13

NA when local weather not available.

JAMESTOWN, NDJAMESTOWN
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 2½.

LANGDON, NDROBERTSON
FLD (D55).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

LONG PRAIRIE, MN

TODD FLD (14Y).....RNAV (GPS) Rwy 34

NA when local weather not available.

LONGVILLE, MNLONGVILLE
MUNI (XVG).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

NAME ALTERNATE MINIMUMS

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.

LUVERNE, MN

QUENTIN AANENSON
FLD (LYV).....**RNAV (GPS) Rwy 18**
NA when local weather not available.
Category C, 1000-2¾; Category D, 1000-3.

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 RGNL/LAWLER
FLD (Y19).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31
VOR-A

NA when local weather not available

MANKATO, MN

MANKATO RGNL
(MKT).....**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.

NAME ALTERNATE MINIMUMS

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, 800-2¾.

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.

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, 900-2¾;
Category E, 1000-3; LOC, Category D, 900-2¾;
Category E, 1000-3.

²ILS, Category C, 700-2; Category D, 900-2¾;
Category E, 1000-3; LOC, Category D, 900-2¾;
Category E, 1000-3.

³Category D, 900-2¾; Category E, 1000-3.

⁴Category D, 900-2¾.

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

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MINOT, ND

MINOT INTL (MOT).....ILS or LOC Rwy 31¹²
LOC BC Rwy 13¹³
RNAV (GPS) Rwy 8³
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 26³
RNAV (GPS) Rwy 31³
VOR Rwy 8⁴
VOR Rwy 13³
VOR Rwy 26⁵
VOR Rwy 31³

NA when local weather not available.

¹NA when control tower closed.

²LOC, Categories C, D, E, 1100-3.

³Categories C, D, 1100-3.

⁴Categories A, B, 1100-2; Categories C, D, 1100-3.

⁵Categories A, B, 900-2; Categories C, D, 1100-3.

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.

MONTEVIDEO, MN

MONTEVIDEO-CHIPPEWA
COUNTY (MVE).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

MOORHEAD, MN

MOORHEAD MUNI/FLORENCE
KLINGENSMITH FLD (JKJ)...RNAV (GPS) Rwy 30¹
VOR-A²

¹NA when local weather not available.

²Category 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.

ORR, MN

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

NAME ALTERNATE MINIMUMS

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
FLD (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.

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, 900-2¼.
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.

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NAME ALTERNATE MINIMUMS

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, 800-2½; Category E, 800-2¾. LOC, Category D, 800-2½; Category E, 800-2¾.
²NA when local weather not available.
³Category D, 800-2½; Category E, 800-2¾.
⁴Category D, 800-2½; Category E, 800-2¾.

RAY S. MILLER AAF (KRYM)

CAMP RILEY, MN.....ILS or LOC Rwy 31
LOC, CAT D, 1000-3.
NA when control tower closed.

RED WING, MN

RED WING
RGNL (RGK).....RNAV (GPS) Rwy 9¹
RNAV (GPS) Rwy 27²
NA when local weather not available.
¹Category C, 900-2½; Category D, 1000-3.
²Category C, 900-2½.

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/LEONARD
KRECH FLD (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.

NAME ALTERNATE MINIMUMS

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
ILS or LOC Rwy 31¹²³
RNAV (GPS) Rwy 5¹
RNAV (GPS) Rwy 13¹⁴
RNAV (GPS) Rwy 23¹
RNAV (GPS) Rwy 31¹⁴
VOR Rwy 31²⁴

¹NA when local weather not available.
²NA when control tower closed.
³LOC, Category D, 900-2¾.
⁴Category D, 900-2¾.

ST. JAMES, MN

ST. JAMES
MUNI (JYG).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.

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.

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NAME ALTERNATE MINIMUMS

SIoux FALLS, SD

JOE FOSS
FLD (FSD).....**ILS or LOC Rwy 3¹²**
ILS or LOC Rwy 21¹²⁵
RADAR-1³
RNAV (GPS) Rwy 3⁴
RNAV (GPS) Rwy 15⁴⁵
RNAV (GPS) Rwy 21⁴
RNAV (GPS) Rwy 33⁴⁶
VOR or TACAN Rwy 15⁶
VOR/DME or TACAN Rwy 33⁶

¹NA when control tower closed.
²LOC, Category D, 800-2½ Category E 900-3.
³Category E, 800-2¼.
⁴Category D, 800-2½.
⁵NA when local weather not available.
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 FLD (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.

THIEF RIVER FALLS, MN

THIEF RIVER
FALLS RGNL (TVF).....**ILS or LOC Rwy 31¹**
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 13²³
RNAV (GPS) Rwy 22²
RNAV (GPS) Rwy 31²³
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.

NAME ALTERNATE MINIMUMS

TRACY, MN

TRACY MUNI (TKC).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29
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.

WALHALLA, ND

WALHALLA MUNI (96D).....**RNAV (GPS) Rwy 33**
NA when local weather not available.
Category B, 1100-2.

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.

WASECA, MN

WASECA MUNI (ACQ).....**RNAV (GPS) Rwy 15**
RNAV (GPS) Rwy 33
NA when local weather not available.

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NAME ALTERNATE MINIMUMS

WATERTOWN, SD

WATERTOWN
 RGNL (ATY).....ILS or LOC Rwy 35¹²
 LOC BC Rwy 17¹³
 RNAV (GPS) Rwy 12³
 RNAV (GPS) Rwy 17¹³
 RNAV (GPS) Rwy 30¹³
 RNAV (GPS) Rwy 35³
 VOR or TACAN Rwy 17¹³

¹NA when local weather not available.
²LOC, Category C, 800-2¼; Category D, 800-2½.
³Category C, 800-2¼; Category D, 800-2½.

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.

WINONA, MN

WINONA MUNI-MAX CONRAD
 FIELD (ONA).....ILS Y or LOC Y Rwy 30¹²
 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.

NAME ALTERNATE MINIMUMS

WORTHINGTON, MN

WORTHINGTON
 MUNI (OTG).....ILS or LOC Rwy 29¹
 RNAV (GPS) Rwy 11²
 RNAV (GPS) Rwy 18²
 RNAV (GPS) Rwy 29²
 RNAV (GPS) Rwy 36²

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

YANKTON, SD

CHAN GURNEY
 MUNI (YKN).....RNAV (GPS) Rwy 13¹
 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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