

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
<b>ABERDEEN, SD</b>	
ABERDEEN	
RGNL (ABR).....	<b>ILS or LOC Rwy 31<sup>1</sup></b>
	<b>RNAV (GPS) Rwy 13<sup>2</sup></b>
	<b>RNAV (GPS) Rwy 17<sup>2</sup></b>
	<b>RNAV (GPS) Rwy 31<sup>2</sup></b>
	<b>RNAV (GPS) Rwy 35<sup>2</sup></b>
	<b>VOR Rwy 13<sup>2</sup></b>
	<b>VOR Rwy 31<sup>2</sup></b>

<sup>1</sup>LOC, Category D, 900-2½.  
<sup>2</sup>Category D, 900-2½.

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

<b>BEMIDJI, MN</b>	
BEMIDJI	
RGNL (BJI).....	<b>RNAV (GPS) Rwy 13</b>
	<b>RNAV (GPS) Rwy 25</b>
	<b>RNAV (GPS) Rwy 31</b>
	NA when local weather not available.

<b>BENSON, MN</b>	
BENSON	
MUNI (BBB).....	<b>RNAV (GPS) Rwy 14</b>
	<b>RNAV (GPS) Rwy 32</b>
	NA when local weather not available.

<b>BIGFORK, MN</b>	
BIGFORK	
MUNI (FOZ).....	<b>RNAV (GPS) Rwy 33</b>
	NA when local weather not available.

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

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

<b>BOWMAN, ND</b>	
BOWMAN	
RGNL (BWW).....	<b>RNAV (GPS) Rwy 13</b>
	<b>RNAV (GPS) Rwy 31</b>
	NA when local weather not available.

<b>AITKIN, MN</b>	
AITKIN MUNI-STEVE KURTZ	
FLD (AIT).....	<b>RNAV (GPS) Rwy 16</b>
	<b>RNAV (GPS) Rwy 34</b>
	NA when local weather not available.

<b>ALBERT LEA, MN</b>	
ALBERT LEA	
MUNI (AEL).....	<b>RNAV (GPS) Rwy 17</b>
	<b>RNAV (GPS) Rwy 35</b>
	<b>VOR RWY 17</b>
	NA when local weather not available.

<b>ALEXANDRIA, MN</b>	
CHANDLER	
FIELD (AXN).....	<b>RNAV (GPS) Rwy 22</b>
	<b>RNAV (GPS) Rwy 31</b>
	NA when local weather not available.

<b>APPLETON, MN</b>	
APPLETON	
MUNI (AQP).....	<b>RNAV (GPS) Rwy 13</b>
	NA when local weather not available.

<b>AUSTIN, MN</b>	
AUSTIN	
MUNI (AUM).....	<b>RNAV (GPS) Rwy 17</b>
	<b>RNAV (GPS) Rwy 35</b>
	NA when local weather not available.

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**BRAINERD, MN**

BRAINERD LAKES  
RGNL (BRD).....**ILS or LOC Rwy 23<sup>1</sup>**  
**RNAV (GPS) Rwy 5**  
**RNAV (GPS) Rwy 23**  
**RNAV (GPS) Rwy 34**

NA when local weather not available.  
<sup>1</sup>Category D, 700-2.

**BROOKINGS, SD**

BROOKINGS  
RGNL (BKX).....**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**

NA when local weather not available.  
Category D, 800-2 $\frac{1}{4}$ .

**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  
FIELD (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, 800-2 $\frac{1}{4}$ .

**DETROIT LAKES, MN**

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

NA when local weather not available.  
Category D, 800-2 $\frac{1}{4}$ .

**DEVILS LAKE, ND**

DEVILS LAKE  
RGNL (DVL).....**RNAV (GPS) Rwy 3<sup>2</sup>**  
**RNAV (GPS) Rwy 13<sup>2</sup>**  
**RNAV (GPS) Rwy 21<sup>2</sup>**  
**RNAV (GPS) Rwy 31<sup>2</sup>**  
**VOR Rwy 3<sup>1</sup>**  
**VOR Rwy 13<sup>2</sup>**  
**VOR Rwy 31<sup>2</sup>**

NA when local weather not available.  
<sup>1</sup>Categories A, B, 900-2; Category C, 900-2 $\frac{1}{2}$ ;  
Category D, 900-2 $\frac{3}{4}$ .  
<sup>2</sup>Category C, 800-2 $\frac{1}{4}$ , Category D, 800-2 $\frac{1}{2}$ .

**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 9<sup>1</sup>**  
**ILS or LOC Rwy 27<sup>1</sup>**  
**RADAR-1<sup>2</sup>**  
**RNAV (GPS) Rwy 3<sup>3</sup>**  
**RNAV (GPS) Rwy 9<sup>2</sup>**  
**RNAV (GPS) Rwy 21<sup>3</sup>**  
**RNAV (GPS) Rwy 27<sup>3</sup>**  
**VOR or TACAN Rwy 3<sup>2</sup>**  
**VOR/DME or TACAN Rwy 21<sup>2</sup>**

<sup>1</sup>LOC, Categories D, E, 1000-3.  
<sup>2</sup>Categories D, E, 1000-3.  
<sup>3</sup>Category D, 1000-3.

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**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 27<sup>1</sup>  
 VOR-A<sup>2</sup>  
<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Category C, 800-2¼; Category D, 800-2½.

**FAIRMONT, MN**

FAIRMONT  
 MUNI (FRM).....ILS or LOC Rwy 31<sup>1</sup>  
 RNAV (GPS) Rwy 13<sup>2</sup>  
 RNAV (GPS) Rwy 31<sup>2</sup>  
<sup>1</sup>LOC, Category C, 900-2¼; Category D, 900-2½.  
<sup>2</sup>Category C, 900-2¼; Category D, 900-2½.

**FARGO, ND**

HECTOR INTL (FAR).....ILS or LOC Rwy 18<sup>1</sup>  
 ILS or LOC Rwy 36<sup>1</sup>  
 RNAV (GPS) Rwy 9<sup>3</sup>  
 RNAV (GPS) Rwy 18<sup>2</sup>  
 RNAV (GPS) Rwy 27<sup>3</sup>  
 RNAV (GPS) Rwy 36<sup>2</sup>  
 VOR Rwy 36<sup>2</sup>  
<sup>1</sup>ILS, Category C, 700-2; Category D, 800-2¼;  
 Category E, 800-2½. LOC, Category D,  
 800-2¼; Category E, 800-2½.  
<sup>2</sup>Category D, 800-2¼, Category E, 800-2½.  
<sup>3</sup>Category 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  
 FIELD (FFM).....ILS or LOC Rwy 31<sup>12</sup>  
 RNAV (GPS) Rwy 13<sup>13</sup>  
 RNAV (GPS) Rwy 31<sup>3</sup>  
 RNAV (GPS) Rwy 35<sup>1</sup>  
<sup>1</sup>NA when local weather not available.  
<sup>2</sup>ILS, Category D, 700-2¼.  
 LOC, Category D, 800-2¼.  
<sup>3</sup>Category D, 800-2¼.

**FOSSTON, MN**

FOSSTON MUNI-ANDERSON  
 FIELD (FSE).....RNAV (GPS) Rwy 16  
 RNAV (GPS) Rwy 34  
 NA when local weather not available.

**GLENCOE, MN**

GLENCOE  
 MUNI (GYL).....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 35L<sup>12</sup>  
 LOC BC Rwy 17R<sup>1</sup>  
 RNAV (GPS) Rwy 9L  
 RNAV (GPS) Rwy 17R  
 RNAV (GPS) Rwy 27R  
 VOR Rwy 17R  
 NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, Category E, 700-2½;  
 LOC, Category E, 800-2½.

**GRAND MARAIS, MN**

GRAND MARAIS/ COOK  
 COUNTY (CKC).....RNAV (GPS) Rwy 10  
 RNAV (GPS) Rwy 28<sup>1</sup>  
 Category D, 900-2¾.  
<sup>1</sup>NA 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.

**HAZEN, ND**

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

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NAME ALTERNATE MINIMUMS

**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 13**  
 ILS, Categories A, B, C, D, 800-2.

**HURON, SD**

HURON RGNL (HON).....**ILS or LOC Rwy 12<sup>1</sup>**  
**LOC BC Rwy 30<sup>2</sup>**  
**RNAV (GPS) Rwy 12<sup>2</sup>**  
**RNAV (GPS) Rwy 30<sup>2</sup>**

NA when local weather not available.

<sup>1</sup>LOC, Category D, 800-2¼.<sup>2</sup>Category 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<sup>1</sup>**  
**ILS or LOC/DME Rwy 13,700-2<sup>2</sup>**  
**RNAV (GPS) Rwy 13<sup>2</sup>**  
**RNAV (GPS) Rwy 31<sup>2</sup>**  
**VOR Rwy 13-23**

<sup>1</sup>LOC, NA; ILS, NA when local weather not available.<sup>2</sup>NA when local weather not available.<sup>3</sup>Category 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 2½.

**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.

NAME ALTERNATE MINIMUMS

**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**

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).....**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

**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.

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M4

NAME ALTERNATE MINIMUMS

**MARSHALL, MN**

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

NA when local weather not available.

**MINNEAPOLIS, MN**

AIRLAKE (LVN).....**RNAV (GPS) Rwy 12<sup>1</sup>**  
**RNAV (GPS) Rwy 30<sup>2</sup>**  
**VOR Rwy 12<sup>1</sup>**

<sup>1</sup>Category D, 800-2¼.

<sup>2</sup>NA 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 10R<sup>1</sup>**  
**ILS or LOC Rwy 10R<sup>12</sup>**  
**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.

<sup>1</sup>NA when control tower closed.

<sup>2</sup>Category D, 700-2.

MINNEAPOLIS-ST. PAUL INTL/WOLD-

CHAMBERLAIN (MSP).....**ILS or LOC Rwy 12L<sup>1</sup>**  
**ILS or LOC Rwy 12R<sup>1</sup>**  
**ILS or LOC Rwy 30L<sup>2</sup>**  
**ILS or LOC Rwy 30R<sup>2</sup>**  
**ILS Z or LOC Rwy 35<sup>2</sup>**  
**LOC Rwy 4<sup>4</sup>**  
**LOC Rwy 17<sup>3</sup>**  
**LOC Rwy 22<sup>4</sup>**  
**RNAV (GPS) Rwy 4<sup>4</sup>**  
**RNAV (GPS) Rwy 22<sup>4</sup>**  
**RNAV (GPS) Z Rwy 12L<sup>4</sup>**  
**RNAV (GPS) Z Rwy 12R<sup>4</sup>**  
**RNAV (GPS) Z Rwy 30L<sup>4</sup>**  
**RNAV (GPS) Z Rwy 30R<sup>4</sup>**  
**RNAV (GPS) Z Rwy 35<sup>4</sup>**

<sup>1</sup>ILS, Category C, 700-2; Category D, 900-2¾;  
Category E, 1000-3; LOC, Category D, 900-2¾;  
Category E, 1000-3.

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

<sup>3</sup>Category D, 900-2¾.

<sup>4</sup>Category D, 900-2¾; Category E, 1000-3.

NAME ALTERNATE MINIMUMS

**MINOT, ND**

MINOT INTL (MOT).....**ILS or LOC Rwy 31<sup>12</sup>**  
**LOC BC Rwy 13<sup>1</sup>**  
**RNAV (GPS) Rwy 8**  
**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 26**  
**RNAV (GPS) Rwy 31**  
**VOR Rwy 8<sup>3</sup>**  
**VOR Rwy 13**  
**VOR Rwy 26<sup>4</sup>**  
**VOR Rwy 31**

NA when local weather not available.

<sup>1</sup>NA when tower closed.

<sup>2</sup>Category E, 1100-3.

<sup>3</sup>Categories A, B, 1100-2; Categories C, D, 1100-3.

<sup>4</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 900-2¾.

**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, 900-2¾.

**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 30<sup>1</sup>**  
**VOR-A<sup>2</sup>**

<sup>1</sup>NA when local weather not available.

<sup>2</sup>Categories 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.

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## 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 30<sup>1</sup>**

NA when local weather not available.  
<sup>1</sup>Category 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.

**PIERRE, SD**

PIERRE RGNL (PIR).....**ILS or LOC Rwy 31<sup>12</sup>**  
**RNAV (GPS) Rwy 7<sup>13</sup>**  
**RNAV (GPS) Rwy 13<sup>13</sup>**  
**RNAV (GPS) Rwy 25<sup>3</sup>**  
**RNAV (GPS) Rwy 31<sup>3</sup>**  
**VOR/DME or TACAN Rwy 7<sup>13</sup>**  
**VOR or TACAN Rwy 25<sup>13</sup>**

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

**PINE RIDGE, SD**

PINE RIDGE (IEN).....**RNAV (GPS) Rwy 12<sup>1</sup>**  
**RNAV (GPS) Rwy 30<sup>2</sup>**

<sup>1</sup>Category C, 900-2½.  
<sup>2</sup>Categories 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.

## 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 32<sup>1</sup>**  
**RNAV (GPS) Rwy 5<sup>2</sup>**  
**RNAV (GPS) Rwy 14<sup>23</sup>**  
**RNAV (GPS) Rwy 23<sup>2</sup>**  
**RNAV (GPS) Rwy 32<sup>4</sup>**  
**VOR or TACAN Rwy 14<sup>24</sup>**  
**VOR or TACAN Rwy 32<sup>24</sup>**

<sup>1</sup>ILS, Categories B, C, 700-2; Category D, 800-2¼; Category E, 800-2¾. LOC, Category D, 800-2¼; Category E, 800-2¾.

<sup>2</sup>NA when local weather not available.

<sup>3</sup>Category D, 800-2½; Category E, 800-2¾.

<sup>4</sup>Category D, 800-2¼; Category E, 800-2¾.

**RED WING, MN**

RED WING  
RGNL (RGK).....**RNAV (GPS) Rwy 9<sup>1</sup>**  
**RNAV (GPS) Rwy 27<sup>2</sup>**

NA when local weather not available.

<sup>1</sup>Category C, 800-2¼; Category D, 800-2½.

<sup>2</sup>Category C, 800-2¼.

**REDWOOD FALLS, MN**

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

Category D, 800-2¼.

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.



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## NAME ALTERNATE MINIMUMS

**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, 900-2¾; 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 35<sup>12</sup>  
LOC BC Rwy 17<sup>13</sup>  
RNAV (GPS) Rwy 12<sup>3</sup>  
RNAV (GPS) Rwy 17<sup>13</sup>  
RNAV (GPS) Rwy 30<sup>13</sup>  
RNAV (GPS) Rwy 35<sup>3</sup>  
VOR or TACAN Rwy 17<sup>13</sup><sup>1</sup>NA when local weather not available.<sup>2</sup>LOC, Category C, 800-2¼; Category D, 800-2½.<sup>3</sup>Category 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 14  
RNAV (GPS) Rwy 32  
VOR Rwy 14  
VOR Rwy 32

NA when local weather not available.

## NAME ALTERNATE MINIMUMS

**WILLMAR, MN**

WILLMAR MUNI-JOHN

L RICE FIELD (BDH).....RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 31  
VOR Rwy 31<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category D, 800-2¼.**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 30<sup>12</sup>  
ILS Z or LOC Z Rwy 30<sup>13</sup>  
RNAV (GPS) Rwy 12<sup>4</sup>  
RNAV (GPS) Rwy 30<sup>1</sup><sup>1</sup>NA when local weather not available.<sup>2</sup>ILS, LOC, Categories A, B, 1000-2; Category C, 1200-3; Category D, 1400-3.<sup>3</sup>LOC, Category A, B, 1000-2; Category C, 1200-3; Category D, 1400-3.<sup>4</sup>Categories A, B, 1000-2; Category C, 1200-3; Category D, 1400-3.**WORTHINGTON, MN**

WORTHINGTON

MUNI (OTG).....RNAV (GPS) Rwy 11<sup>2</sup>  
RNAV (GPS) Rwy 18<sup>2</sup>  
RNAV (GPS) Rwy 29<sup>2</sup>  
RNAV (GPS) Rwy 36<sup>2</sup>  
VOR Rwy 11<sup>1</sup>  
VOR Rwy 18<sup>2</sup><sup>1</sup>Category D, 800-2½.<sup>2</sup>NA 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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