

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).....	RNAV (GPS) Rwy 13 <sup>1</sup> RNAV (GPS) Rwy 17 <sup>1</sup> RNAV (GPS) Rwy 31 <sup>2</sup> RNAV (GPS) Rwy 35 <sup>1</sup> VOR Rwy 31 <sup>2</sup> VOR/DME Rwy 13 <sup>2</sup>

<sup>1</sup>Category D, 900-2½.

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

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

<b>ALBERT LEA, MN</b>	
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.	

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

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

<b>AUSTIN, MN</b>	
AUSTIN MUNI (AUM).....	RNAV (GPS) Rwy 17 <sup>1</sup> RNAV (GPS) Rwy 35
NA when local weather not available.	
<sup>1</sup> Category D, 800-2½.	

NAME	ALTERNATE MINIMUMS
<b>BAUDETTE, MN</b>	
BAUDETTE INTL (BDE).....	RNAV (GPS) Rwy 12 <sup>1</sup> RNAV (GPS) Rwy 30 <sup>1</sup> VOR/DME Rwy 12
Category C, 800-2½; Category D, 800-2½.	
<sup>1</sup> NA when local weather not available.	

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

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

<b>BIGFORK, MN</b>	
BIGFORK MUNI (FOZ).....	RNAV (GPS) Rwy 15 RNAV (GPS) Rwy 33
NA when local weather not available.	

<b>BISMARCK, ND</b>	
BISMARCK MUNI (BIS).....	ILS or LOC Rwy 13 <sup>1</sup> ILS or LOC Rwy 31 <sup>2</sup> RADAR-1
NA when control tower closed.	
<sup>1</sup> ILS, Categories A, B, C, 800-2; Category D 800-2½. LOC, Category D 800-2½.	
<sup>2</sup> LOC, Category C, 800-2½, Category D, 800-2½.	

<b>BOWMAN, ND</b>	
BOWMAN RGNL (BWW).....	RNAV (GPS) Rwy 13 RNAV (GPS) Rwy 31
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, 800-2½.

**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.

**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.

**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.

NAME ALTERNATE MINIMUMS

**DETROIT LAKES, MN**

DETROIT LAKES-WETHING

FIELD (DTL).....**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31**

NA when local weather not available.

Category D, 800-2½.

**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, 900-2½;

Category D, 900-2¾.

<sup>2</sup>Category C, 800-2¾, Category D, 800-2½.

**DICKINSON, ND**

DICKINSON-THEODORE ROOSEVELT

RGNL (DIK).....**ILS or LOC Rwy 32<sup>1</sup>**  
**RNAV (GPS) Rwy 14<sup>2</sup>**  
**RNAV (GPS) Rwy 25<sup>2</sup>**  
**RNAV (GPS) Rwy 32<sup>2</sup>**  
**VOR-A<sup>2</sup>**

<sup>1</sup>ILS, Category D, 700-2.

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

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

<sup>2</sup>Category D, 1000-3.

**ELY, MN**

ELY MUNI (ELO).....

**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**

NA when local weather not available.

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**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).....**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31**

NA when local weather not available.

**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  
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 31<sup>1</sup>**  
**RNAV (GPS) Rwy 13<sup>2</sup>**  
**RNAV (GPS) Rwy 31<sup>2</sup>**  
**RNAV (GPS) Rwy 35**

NA when local weather not available.

<sup>1</sup>ILS, Category D, 700-2¼. LOC, Category D, 800-2¼.<sup>2</sup>Category D, 800-2¼.**FOSSTON, MN**FOSSTON  
MUNI (FSE).....**NDB Rwy 34<sup>1</sup>**  
**RNAV (GPS) Rwy 16**  
**RNAV (GPS) Rwy 34**

NA when local weather not available.

<sup>1</sup>Category C, 800-2¼.**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>13</sup>**  
**RNAV (GPS) Rwy 9L<sup>3</sup>**  
**RNAV (GPS) Rwy 17R<sup>3</sup>**  
**RNAV (GPS) Rwy 27R<sup>3</sup>**  
**RNAV (GPS) Rwy 35L<sup>3</sup>**  
**VOR Rwy 17R<sup>3</sup>**  
**VOR Rwy 35L<sup>3</sup>**<sup>1</sup>NA when control tower closed.<sup>2</sup>ILS, Category E, 700-2½. LOC, Category E, 800-2½.<sup>3</sup>NA 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, 800-2¼.

**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, 800-2¼.

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 12<sup>1</sup>  
LOC/DME BC Rwy 30<sup>2</sup>  
RNAV (GPS) Rwy 12<sup>2</sup>  
RNAV (GPS) Rwy 30<sup>2</sup>  
VOR Rwy 12<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>ILS, Category D, 700-2¼. 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  
FIELD (INL).....COPTER ILS or LOC Rwy 31<sup>1</sup>  
ILS or LOC/DME Rwy 13,700-2<sup>2</sup>  
ILS or LOC Rwy 31<sup>2</sup>  
RNAV (GPS) Rwy 13<sup>2</sup>  
RNAV (GPS) Rwy 31<sup>2</sup>  
VOR Rwy 13<sup>2,3</sup>

<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.

**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 2½.

**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 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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**MANKATO, MN**

MANKATO RGNL  
(MKT).....**COPTER ILS or LOC Rwy 33**  
LS 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 12<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category D, 800-2¼.

CRYSTAL (MIC).....**RNAV (GPS) Rwy 14L**

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.

NAME ALTERNATE MINIMUMS

**MINNEAPOLIS, MN (CON'T)**

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.

**MINOT, ND**

MINOT INTL (MOT).....**ILS or LOC Rwy 31<sup>12</sup>**  
**LOC/DME 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 26<sup>4</sup>

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, 900-2¾;

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.

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**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-CHARLIE SCHMIDT  
FLD (MOX).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32

NA when local weather not available.

**NEW ULM, MN**

NEW ULM MUNI (ULM).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33

NA when local weather not available.

**ORR, MN**

ORR RGNL (ORB).....RNAV (GPS) Rwy 13  
NA when local weather not available.

**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  
VOR Rwy 13

NA when local weather not available.

Category D, 1100-3.

NAME ALTERNATE MINIMUMS

**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.

**PINE RIDGE, SD**

PINE RIDGE (IEN).....RNAV (GPS) Rwy 30  
NA when local weather not available.  
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.

**RAPID CITY, SD**

RAPID CITY  
RGNL (RAP).....ILS or LOC Rwy 32<sup>3</sup>  
RNAV (GPS) Rwy 5<sup>1</sup>  
RNAV (GPS) Rwy 14<sup>12</sup>  
RNAV (GPS) Rwy 23<sup>1</sup>  
RNAV (GPS) Rwy 32<sup>4</sup>  
VOR or TACAN Rwy 14<sup>12</sup>  
VOR or TACAN Rwy 32<sup>12</sup>

<sup>1</sup>NA when local weather not available.<sup>2</sup>Category E, 800-2¼.<sup>3</sup>ILS, Categories B, C, 700-2; Category D, 800-2¼; Category E, 800-2¼. LOC, Category D, 800-2¼; Category E, 800-2¼.<sup>4</sup>Category D, 800-2¼; Category E, 800-2¼.**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, 800-2¼.<sup>2</sup>Category C, 800-2¼.

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 13<sup>12</sup>  
RNAV (GPS) Rwy 5  
RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 23  
RNAV (GPS) Rwy 31  
VOR Rwy 31<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>ILS, Categories A, B, C, D, 700-2.  
<sup>2</sup>NA 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 4<sup>1</sup>  
RNAV (GPS) Rwy 32

NA when local weather not available.  
<sup>1</sup>Categories A, B, 900-2; Category C 900-2½.

**ST. PAUL DOWNTOWN HOLMAN**

FIELD (STP).....ILS or LOC Rwy 14<sup>12</sup>  
ILS or LOC Rwy 32<sup>12</sup>  
NDB Rwy 31<sup>3</sup>  
RNAV (GPS) Rwy 14<sup>4</sup>  
RNAV (GPS) Rwy 32<sup>4</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, LOC, Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.  
<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-3.  
<sup>4</sup>Categories 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 3<sup>12</sup>  
ILS or LOC Rwy 21<sup>13</sup>  
RADAR-1<sup>4</sup>  
VOR or TACAN Rwy 15<sup>5</sup>  
VOR/DME or TACAN Rwy 33<sup>4</sup>  
RNAV (GPS) Rwy 15<sup>6</sup>  
RNAV (GPS) Rwy 21<sup>7</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, Category D, 700-2.  
<sup>3</sup>ILS, Categories A, B, C, D, 700-2.  
<sup>4</sup>Category E, 800-2½.  
<sup>5</sup>Category E, 900-3.  
<sup>6</sup>Category C, 800-2½; Category D, 800-2½.  
<sup>7</sup>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.

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**SPEARFISH, SD**

BLACK HILLS-  
CLYDE ICE FIELD (SPF).....RNAV (GPS) Rwy 13<sup>1</sup>  
RNAV (GPS) Rwy 31<sup>2</sup>

<sup>1</sup>Categories A, B, 900-2, Category C, 1000-2½.<sup>2</sup>Categories A, B, 1000-2, Category C, 1000-2½.**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 31<sup>1</sup>  
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.

<sup>1</sup>ILS, Category C, 800-2; Category D, 900-2½;

LOC, Category D, 900-2½.

**TIOGA, ND**

TIOGA  
MUNI (D60).....RNAV (GPS) Rwy 30  
RNAV (GPS) Rwy 12

NA when local weather not available.

Category D, 800-2½.

**TWO HARBORS, MN**

RICHARD B.  
HELGESON (TWM).....RNAV (GPS) Rwy 6  
RNAV (GPS) Rwy 24

NA when local weather not available.

**VERMILLION, 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, 800-2½.

**WARROAD, MN**

WARROAD INTL  
MEMORIAL (RRT).....RNAV (GPS) Rwy 13<sup>1</sup>  
RNAV (GPS) Rwy 31

NA when local weather not available.

<sup>1</sup>Category C, 900-2½; 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>1</sup>  
LOC BC Rwy 17<sup>2</sup>  
RNAV (GPS) Rwy 12<sup>3</sup>  
RNAV (GPS) Rwy 17<sup>3</sup>  
RNAV (GPS) Rwy 30<sup>3</sup>  
RNAV (GPS) Rwy 35<sup>2</sup>  
VOR or TACAN Rwy 17<sup>3</sup>

<sup>1</sup>ILS, LOC, Category C, 800-2½; Category D, 800-2½.<sup>2</sup>Category C, 800-2½; Category D, 800-2½.<sup>3</sup>NA 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 31<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category D, 800-2½.



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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 30<sup>12</sup>  
ILS Z or LOC Z Rwy 30<sup>12</sup>  
RNAV (GPS) Rwy 12<sup>3</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>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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