

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

**ALGONA, IA**  
 ALGONA MUNI (AXA).....**RNAV (GPS) Rwy 12**  
**VOR/DME -A**

NA when local weather not available.

**AMES, IA**

AMES MUNI (AMW).....**ILS or LOC Rwy 1<sup>23</sup>**  
**RNAV (GPS) Rwy 19<sup>1</sup>**

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

<sup>2</sup>NA when control tower closed.

<sup>3</sup>LOC, Category D, 1100-3.

**ANKENY, IA**

ANKENY RGNL (IKV).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 22**  
**RNAV (GPS) Rwy 36**

Category D, 900-2 $\frac{3}{4}$ .

**ATLANTIC, IA**

ATLANTIC MUNI (AIO).....**RNAV (GPS) Rwy 2**  
**RNAV (GPS) Rwy 20**

NA when local weather not available.

**AUDUBON, IA**

AUDUBON  
 COUNTY (ADU).....**RNAV (GPS) Rwy 32**

NA when local weather not available.

**BOONE, IA**

BOONE MUNI (BNW).....**RNAV (GPS) Rwy 15**  
**RNAV (GPS) Rwy 33**

NA when local weather not available.

**BRANSON, MO**

BRANSON (BBG).....**RNAV (GPS) Rwy 14<sup>1</sup>**  
**RNAV (GPS) Rwy 32<sup>2</sup>**

NA when local weather not available.

<sup>1</sup>Category C, 800-2 $\frac{1}{4}$ ; Category D, 800-2 $\frac{1}{2}$ .

<sup>2</sup>Category C, 1000-2 $\frac{3}{4}$ ; Category D, 1000-3.

NAME ALTERNATE MINIMUMS

**BURLINGTON, IA**  
 SOUTHEAST IOWA

RGNL (BRL).....**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**  
**RNAV (GPS) Rwy 36**  
**VOR Rwy 12**  
**VOR Rwy 30**

NA when local weather not available.

**CAMDENTON, MO**

CAMDENTON MEML-LAKE  
 RGNL (OZS).....**RNAV (GPS) Rwy 15**  
**RNAV (GPS) Rwy 33**

NA when local weather not available.

**CAPE GIRARDEAU, MO**

CAPE GIRARDEAU  
 RGNL (CGI).....**ILS or LOC Rwy 10<sup>12</sup>**  
**LOC BC Rwy 28<sup>13</sup>**  
**RNAV (GPS) Rwy 2<sup>3</sup>**  
**RNAV (GPS) Rwy 10<sup>3</sup>**  
**RNAV (GPS) Rwy 20<sup>3</sup>**  
**RNAV (GPS) Rwy 28<sup>3</sup>**

NA when local weather not available.

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

<sup>2</sup>LOC, Category D, 800-2 $\frac{1}{4}$ .

<sup>3</sup>Category D, 800-2 $\frac{1}{4}$ .

**CARROLL, IA**

ARTHUR  
 N NEU (CIN).....**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31**

NA when local weather not available.

**CEDAR RAPIDS, IA**

THE EASTERN  
 IOWA (CID).....**ILS or LOC Rwy 9<sup>1</sup>**  
**ILS or LOC Rwy 27<sup>2</sup>**  
**RNAV (GPS) Rwy 9**  
**RNAV (GPS) Rwy 27**

NA when local weather not available.

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

<sup>2</sup>ILS, NA when control tower closed.

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**CENTERVILLE, IA**

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

**CHARITON, IA**

CHARITON  
MUNI (CNC).....**RNAV (GPS) Rwy 10**  
**RNAV (GPS) Rwy 17**  
NA when local weather not available.

**CHARLES CITY, IA**

NORTHEAST  
IOWA RGNL (CCY).....**LOC Rwy 12**  
**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**  
NA when local weather not available.

**CHEROKEE, IA**

CHEROKEE COUNTY  
RGNL (CKP).....**RNAV (GPS) Rwy 18**  
Category C, 900-2½; Category D, 1000-3.

**CLARINDA, IA**

SCHENCK FIELD (ICL).....**RNAV (GPS) Rwy 2**  
**RNAV (GPS) Rwy 20**  
Category C, 800-2¼; Category D, 800-2½.

**CLARION, IA**

CLARION  
MUNI (CAV).....**RNAV (GPS) Rwy 14**  
**RNAV (GPS) Rwy 32**  
NA when local weather not available.

**CLINTON, IA**

CLINTON MUNI (CWI).....**ILS or LOC Rwy 3**  
**RNAV (GPS) Rwy 3**  
**RNAV (GPS) Rwy 14**  
**RNAV (GPS) Rwy 21**  
**RNAV (GPS) Rwy 32**  
NA when local weather not available.

**CLINTON, MO**

CLINTON  
RGNL (GLY).....**RNAV (GPS) Rwy 4**  
**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 22**  
**RNAV (GPS) Rwy 36**  
NA when local weather not available.

NAME ALTERNATE MINIMUMS

**COLUMBIA, MO**

COLUMBIA RGNL (COU).....**ILS or LOC Rwy 2<sup>12</sup>**  
**LOC BC Rwy 20<sup>1</sup>**  
**RNAV (GPS) Rwy 2<sup>2</sup>**  
**RNAV (GPS) Rwy 13<sup>2</sup>**  
**RNAV (GPS) Rwy 31<sup>2</sup>**  
**VOR Rwy 13<sup>23</sup>**

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

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

<sup>3</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.

**COUNCIL BLUFFS, IA**

COUNCIL BLUFFS  
MUNI (CBF).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36**  
**VOR-A**

NA when local weather not available.

**CRESTON, IA**

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

**DAVENPORT, IA**

DAVENPORT  
MUNI (DVN).....**ILS or LOC Rwy 15**  
**RNAV (GPS) Rwy 3**  
**RNAV (GPS) Rwy 15**  
**RNAV (GPS) Rwy 21**  
**RNAV (GPS) Rwy 33**  
**VOR Rwy 3**  
**VOR Rwy 21**

NA when local weather not available.

**DECORAH, IA**

DECORAH MUNI (DEH).....**RNAV (GPS) Rwy 11**  
**RNAV (GPS) Rwy 29**

NA when local weather not available.

**DENISON, IA**

DENISON MUNI (DNS).....**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**  
NA when local weather not available.  
Category C, 900-2½.

**DES MOINES, IA**

DES MOINES  
INTL (DSM).....**ILS or LOC Rwy 5<sup>1</sup>**  
**ILS or LOC Rwy 13<sup>1</sup>**  
**ILS or LOC Rwy 31<sup>2</sup>**  
**RNAV (GPS) Rwy 5<sup>1</sup>**  
**RNAV (GPS) Rwy 13<sup>1</sup>**  
**RNAV (GPS) Rwy 23<sup>1</sup>**  
**RNAV (GPS) Rwy 31<sup>1</sup>**  
**VOR Rwy 23<sup>3</sup>**

<sup>1</sup>Category D, 900-2½.

<sup>2</sup>LOC, Category D, 900-2½; Category E, 900-2¼.

<sup>3</sup>Category C, 800-2½; Category D, 900-2½.

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**DUBUQUE, IA**

DUBUQUE  
RGNL (DBQ).....**ILS or LOC Rwy 36**<sup>12</sup>  
**LOC Rwy 31**<sup>13</sup>  
**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 18**<sup>3</sup>  
**RNAV (GPS) Rwy 31**  
**RNAV (GPS) Rwy 36**  
**VOR Rwy 13**<sup>3</sup>  
**VOR Rwy 31**<sup>4</sup>  
**VOR Rwy 36**<sup>3</sup>

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2¼.  
<sup>3</sup>Category D, 800-2¼.  
<sup>4</sup>Category, 800-2¼; Category D, 800-2½.

**ESTHERVILLE, IA**

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

**FAIRFIELD, IA**

FAIRFIELD MUNI (FFL).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36**  
NA when local weather not available.

**FARMINGTON, MO**

FARMINGTON  
RGNL (FAM).....**RNAV (GPS) Rwy 2**  
**RNAV (GPS) Rwy 20**  
NA when local weather not available.

**FOREST CITY, IA**

FOREST CITY  
MUNI (FXV).....**RNAV (GPS) Rwy 15**  
**RNAV (GPS) Rwy 33**  
**VOR-A**  
NA when local weather not available.

**FORT DODGE, IA**

FORT DODGE  
RGNL (FOD).....**RNAV (GPS) Rwy 6**  
**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 24**  
**RNAV (GPS) Rwy 30**  
**VOR Rwy 12**  
**VOR/DME Rwy 30**

NA when local weather not available.  
Category D, 1000-3.

**NAME ALTERNATE MINIMUMS**

**FORT LEONARD WOOD, MO**

WAYNESVILLE-ST ROBERT RGNL FORNEY  
FLD (TBN).....**ILS or LOC Rwy 15**<sup>12</sup>  
**RNAV (GPS) Rwy 15**<sup>3</sup>  
**RNAV (GPS) Rwy 33**<sup>3</sup>  
**VOR Rwy 15**<sup>34</sup>  
**VOR Rwy 33**<sup>4</sup>

<sup>1</sup>ILS, NA when local weather not available.  
<sup>2</sup>ILS, NA when control tower closed.  
<sup>3</sup>NA when local weather not available.  
<sup>4</sup>NA when control tower closed.

**FORT MADISON, IA**

FORT MADISON  
MUNI (FSW).....**RNAV (GPS) Rwy 17**<sup>1</sup>  
**RNAV (GPS) Rwy 35**<sup>1</sup>  
**VOR/DME-A**<sup>2</sup>

<sup>1</sup>Category D, 800-2½.  
<sup>2</sup>NA when local weather not available.

**GRINNELL, IA**

GRINNELL RGNL (GGI).....**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31**  
**VOR/DME Rwy 31**  
NA when local weather not available.

**HARRISONVILLE, MO**

LAWRENCE SMITH  
MEML (LRY).....**RNAV (GPS) Rwy 17**  
**RNAV (GPS) Rwy 35**  
NA when local weather not available.

**INDEPENDENCE, IA**

JAMES H CONNELL FLD AT INDEPENDENCE  
MUNI (IIB).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36**  
NA when local weather not available.  
Category D, 1500-3.

**IOWA CITY, IA**

IOWA CITY  
MUNI (IOW).....**RNAV (GPS) Rwy 25**<sup>1</sup>  
**RNAV (GPS) Rwy 30**<sup>1</sup>  
**VOR-A**

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

**IOWA FALLS, IA**

IOWA FALLS  
MUNI (IFA).....**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 31**  
NA when local weather not available.

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**JEFFERSON CITY, MO**

JEFFERSON CITY  
MEML (JEF).....**ILS or LOC Rwy 30<sup>1</sup>**  
**RNAV (GPS) Rwy 12<sup>2</sup>**  
**RNAV (GPS) Rwy 30<sup>2</sup>**

NA when local weather not available.  
<sup>1</sup>ILS, Categories A, B, 800-2; Category C, 800-2½;  
Category D, 1100-3; LOC, Category C, 800-2½;  
Category D, 1100-3.  
<sup>2</sup>Category C, 800-2½; Category D, 1100-3.

**JOPLIN, MO**

JOPLIN  
RGNL (JLN).....**ILS or LOC Rwy 18<sup>1</sup>**  
**ILS or LOC/NDB Rwy 13<sup>2,3</sup>**  
**LOC BC Rwy 31<sup>2</sup>**

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>NA when tower closed.  
<sup>3</sup>ILS, Category D, 700-2.

**KAISER/LAKE OZARK, MO**

LEE C FINE  
MEML (AIZ).....**RNAV (GPS) Rwy 4**  
**RNAV (GPS) Rwy 22**  
**VOR Rwy 4**

NA when local weather not available.

**KANSAS CITY, MO**

CHARLES B WHEELER  
DOWNTOWN (MKC).....**ILS or LOC Rwy 3<sup>1</sup>**  
**ILS or LOC Rwy 19<sup>2</sup>**  
**RNAV (GPS) Rwy 3<sup>3</sup>**  
**RNAV (GPS) Rwy 19<sup>4</sup>**  
**RNAV (GPS) Rwy 21<sup>3</sup>**

<sup>1</sup>LOC, Categories A, B, 900-2;  
Categories C, D, 900-2½.  
<sup>2</sup>ILS, Categories A, B, C 800-2;  
Category D, 800-2½; LOC, Category D, 800-2½.  
<sup>3</sup>Category D, 800-2½.  
<sup>4</sup>Category D, 900-3.

KANSAS CITY  
INTL (MCI).....**ILS or LOC Rwy 1L**  
**ILS or LOC Rwy 19R**

NA when control tower closed.

**KEOKUK, IA**

KEOKUK MUNI (EOK).....**NDB Rwy 14**  
**RNAV (GPS) Rwy 8**  
**RNAV (GPS) Rwy 14**  
**RNAV (GPS) Rwy 26**  
**RNAV (GPS) Rwy 32**

NA when local weather not available.

**KIRKSVILLE, MO**

KIRKSVILLE RGNL (IRK).....**ILS or LOC Rwy 36**

NA when local weather not available.

NAME ALTERNATE MINIMUMS

**KNOXVILLE, IA**

KNOXVILLE  
MUNI (OXV).....**RNAV (GPS) Rwy 15**  
**RNAV (GPS) Rwy 33**

NA when local weather not available.

**LE MARS, IA**

LE MARS MUNI (LRJ).....**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36**

NA when local weather not available.

**LEE'S SUMMIT, MO**

LEE'S SUMMIT  
MUNI (LXT).....**RNAV (GPS) Rwy 11**  
**RNAV (GPS) Rwy 18<sup>1</sup>**  
**RNAV (GPS) Rwy 29<sup>1</sup>**  
**RNAV (GPS) Rwy 36<sup>1</sup>**  
**VOR-A<sup>1</sup>**

Category C, 800-2½; Category D, 800-2½.  
<sup>1</sup>NA when local weather not available.

**MALDEN, MO**

MALDEN  
RGNL (MAW).....**RNAV (GPS) Rwy 18**

NA when local weather not available.

**MARSHALLTOWN, IA**

MARSHALLTOWN  
MUNI (MIW).....**RNAV (GPS) Rwy 13<sup>1</sup>**  
**RNAV (GPS) Rwy 31<sup>1</sup>**  
**VOR Rwy 13**  
**VOR Rwy 31**

Category D, 900-2½.  
<sup>1</sup>NA when local weather not available.

**MASON CITY, IA**

MASON CITY  
MUNI (MCW).....**ILS or LOC Rwy 36**  
**LOC BC Rwy 18**  
**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 30**  
**RNAV (GPS) Rwy 36**  
**VOR Rwy 36**

NA when local weather not available.

**MAURICE, IA**

SIOUX COUNTY  
RGNL (SXX).....**RNAV (GPS) Rwy 17**  
**RNAV (GPS) Rwy 35**

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

**MOBERLY, MO**

OMAR N  
BRADLEY (MBY).....**RNAV (GPS) Rwy 13**

NA when local weather not available.

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**MONETT, MO**

MONETT RGNL (HFJ).....RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

NA when local weather not available.

**MONTICELLO, IA**

MONTICELLO  
 RGNL (MXO).....RNAV (GPS) Rwy 15  
 RNAV (GPS) Rwy 33

NA when local weather not available.

**MOSBY, MO**

MIDWEST NTL AIR  
 CENTER (GPH).....RNAV (GPS) Rwy 36  
 NA when local weather not available.

**MOUNT PLEASANT, IA**

MOUNT PLEASANT  
 MUNI (MPZ).....RNAV (GPS) Rwy 15  
 RNAV (GPS) Rwy 33

NA when local weather not available.

**MUSCATINE, IA**

MUSCATINE  
 MUNI (MUT).....RNAV (GPS) Rwy 6<sup>12</sup>  
 RNAV (GPS) Rwy 12<sup>2</sup>  
 RNAV (GPS) Rwy 24<sup>3</sup>  
 RNAV (GPS) Rwy 30<sup>2</sup>

<sup>1</sup>Categories A, B, C, D, 800-2½.

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

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

**NEOSHO, MO**

NEOSHO HUGH  
 ROBINSON (EOS).....RNAV (GPS) Rwy 1  
 RNAV (GPS) Rwy 19

NA when local weather not available.

**NEWTON, IA**

NEWTON MUNI-EARL JOHNSON  
 FIELD (TNU).....RNAV (GPS) Rwy 14  
 RNAV (GPS) Rwy 32

NA when local weather not available.

**OSCEOLA, IA**

OSCEOLA  
 MUNI (I75).....RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

NA when local weather not available.

**OSKALOOSA, IA**

OSKALOOSA  
 MUNI (OOA).....RNAV (GPS) Rwy 13  
 RNAV (GPS) Rwy 31

NA when local weather not available.

## NAME ALTERNATE MINIMUMS

**OTTUMWA, IA**

OTTUMWA  
 RGNL (OTM).....RNAV (GPS) Rwy 13  
 RNAV (GPS) Rwy 31  
 VOR/DME Rwy 13

NA when local weather not available.

**PELLA, IA**

PELLA MUNI (PEA).....RNAV (GPS) Rwy 16  
 RNAV (GPS) Rwy 34

NA when local weather not available.

**PERRY, IA**

PERRY MUNI (PRO).....RNAV (GPS) Rwy 14  
 RNAV (GPS) Rwy 32

NA when local weather not available.

**PERRYVILLE, MO**

PERRYVILLE  
 RGNL (PCD).....RNAV (GPS) Rwy 2<sup>1</sup>  
 RNAV (GPS) Rwy 20<sup>2</sup>  
 VOR-A<sup>2</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, C, D, 900-3.

<sup>2</sup>Category C, 900-2¾; Category D, 900-3.

**POPLAR BLUFF, MO**

POPLAR BLUFF RGNL  
 BUSINESS (POF).....RNAV (GPS) Rwy 18  
 RNAV (GPS) Rwy 36

NA when local weather not available.

**RED OAK, IA**

RED OAK  
 MUNI (RDK).....RNAV (GPS) Rwy 5<sup>1</sup>  
 RNAV (GPS) Rwy 17

NA when local weather not available.

<sup>1</sup>Categories A, B, 800-2¼.

**ROLLA-VICHY, MO**

ROLLA NTL (VIH).....RNAV (GPS) Rwy 4  
 VOR Rwy 22  
 VOR/DME Rwy 4

NA when local weather not available.

**ST. CHARLES, MO**

ST CHARLES COUNTY  
 SMARTT (SET).....RNAV (GPS) Rwy 18  
 VOR Rwy 18

NA when local weather not available.

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**ST. JOSEPH, MO**

ROSECRANS

MEML (STJ).....ILS or LOC Rwy 35<sup>12</sup>  
                                  LOC BC Rwy 17<sup>13</sup>  
                                  RNAV (GPS) Rwy 13<sup>45</sup>  
                                  RNAV (GPS) Rwy 17<sup>46</sup>  
                                  RNAV (GPS) Rwy 31<sup>34</sup>  
                                  RNAV (GPS) Rwy 35<sup>46</sup>  
                                  VOR or TACAN Rwy 17<sup>5</sup>  
                                  VOR or TACAN Rwy 35<sup>6</sup>

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>LOC, Category C, 800-2¼; Category D, 900-2¾;
- Category E, 1000-3.
- <sup>3</sup>Category C, 800-2¼; Category D, 900-2¾.
- <sup>4</sup>NA when local weather not available.
- <sup>5</sup>Category C, 800-2¼; Category D, 900-2¾.
- <sup>6</sup>Category C, 800-2¼; Category D, 900-2¾;
- Category E, 1000-3.

**ST. LOUIS, MO**

SPIRIT OF

ST. LOUIS (SUS).....ILS or LOC Rwy 8R<sup>23</sup>  
                                  ILS or LOC Rwy 26L<sup>24</sup>  
                                  RNAV (GPS) Rwy 8L<sup>1</sup>  
                                  RNAV (GPS) Rwy 8R<sup>15</sup>  
                                  RNAV (GPS) Rwy 26L<sup>16</sup>  
                                  RNAV (GPS) Rwy 26R<sup>1</sup>

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>NA when control tower closed.
- <sup>3</sup>ILS, Categories A, B, C, 700-2; Category D, 700-2¼. LOC, NA.
- <sup>4</sup>ILS, Categories A, B, C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.
- <sup>5</sup>Category D, 800-2¼.
- <sup>6</sup>Category D, 900-3.

**SEDALIA, MO**

SEDALIA

RGNL (DMO).....RNAV (GPS) Rwy 18  
                                  RNAV (GPS) Rwy 36

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

**SHELDON, IA**

SHELDON

RGNL (SHL).....RNAV (GPS) Rwy 15  
                                  RNAV (GPS) Rwy 33

NA when local weather not available.

**SHENANDOAH, IA**

SHENANDOAH

MUNI (SDA).....RNAV (GPS) Rwy 4  
                                  VOR/DME Rwy 12

NA when local weather not available.

NAME ALTERNATE MINIMUMS

**SIOUX CITY, IA**

SIOUX GATEWAY/BRIG GENERAL BUD

DAY FLD (SUX).....ILS or LOC Rwy 13<sup>12</sup>  
                                  ILS or LOC Rwy 31<sup>12</sup>  
                                  RNAV (GPS) Rwy 13<sup>3</sup>  
                                  RNAV (GPS) Rwy 18<sup>4</sup>  
                                  RNAV (GPS) Rwy 31<sup>3</sup>  
                                  RNAV (GPS) Rwy 36<sup>4</sup>

- NA when local weather not available.
- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>LOC, Category D, 800-2¼; Category E, 900-3.
- <sup>3</sup>Category D, 800-2¼; Category E, 1000-3.
- <sup>4</sup>Category D, 800-2¼.

**SPENCER, IA**

SPENCER

MUNI (SPW).....RNAV (GPS) Rwy 12<sup>1</sup>  
                                  RNAV (GPS) Rwy 18  
                                  RNAV (GPS) Rwy 30<sup>1</sup>  
                                  RNAV (GPS) Rwy 36  
                                  VOR Rwy 30<sup>1</sup>

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

**SPRINGFIELD, MO**

SPRINGFIELD-BRANSON

NTL (SGF).....ILS or LOC Rwy 2<sup>1</sup>  
                                  ILS or LOC Rwy 14<sup>4</sup>  
                                  RNAV (GPS) Rwy 2<sup>2</sup>  
                                  RNAV (GPS) Rwy 20<sup>2</sup>  
                                  RNAV (GPS) Rwy 32<sup>2</sup>  
                                  VOR/DME or TACAN Rwy 2<sup>3</sup>  
                                  VOR or TACAN Rwy 20<sup>3</sup>

- <sup>1</sup>ILS, Category D, 700-2, Category E, 900-3. LOC, Category E, 900-3.
- <sup>2</sup>NA when local weather not available.
- <sup>3</sup>Category E, 800-2¼.
- <sup>4</sup>Category D, 700-2.

**VINTON, IA**

VINTON VETERANS MEML

AIRPARK (VTI).....RNAV (GPS) Rwy 9  
                                  RNAV (GPS) Rwy 27

NA when local weather not available.

**WARRENSBURG, MO**

SKYHAVEN (RCM).....

RNAV (GPS) Rwy 1  
RNAV (GPS) Rwy 19  
VOR-A

NA when local weather not available.

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NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

**WASHINGTON, IA**

WASHINGTON  
MUNI (AWG).....RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 31  
RNAV (GPS) Rwy 36  
VOR Rwy 36

Category C, 800-2¼.

**WASHINGTON, MO**

WASHINGTON  
RGNL (FYG).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33  
VOR-A

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

**WATERLOO, IA**

WATERLOO  
RGNL (ALO).....ILS or LOC Rwy 12<sup>12</sup>  
LOC BC Rwy 30<sup>12</sup>  
RNAV (GPS) Rwy 12<sup>3</sup>  
RNAV (GPS) Rwy 18<sup>3</sup>  
RNAV (GPS) Rwy 30<sup>3</sup>  
RNAV (GPS) Rwy 36<sup>3</sup>  
VOR Rwy 12<sup>3</sup>  
VOR Rwy 18<sup>34</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2¼.  
<sup>3</sup>Category D, 800-2¼.  
<sup>4</sup>NA when local weather not available.

**WEBSTER CITY, IA**

WEBSTER CITY  
MUNI (EBS).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32  
VOR/DME Rwy 14

NA when local weather not available.

**WEST PLAINS, MO**

WEST PLAINS  
RGNL (UNO).....RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

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