

## 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	NAME	ALTERNATE MINIMUMS
<b>ALGONA, IA</b>		<b>BURLINGTON, IA</b>	
ALGONA MUNI (AXA).....	<b>RNAV (GPS) Rwy 12</b> <b>RNAV (GPS) Rwy 30</b> <b>VOR/DME -A</b>	SOUTHEAST IOWA	
NA when local weather not available.		RGNL (BRL).....	<b>ILS or LOC Rwy 36<sup>1</sup></b> <b>RNAV (GPS) Rwy 12</b> <b>RNAV (GPS) Rwy 30</b> <b>RNAV (GPS) Rwy 36</b> <b>VOR/DME Rwy 12</b> <b>VOR Rwy 30</b>
		NA when local weather not available.	
		<sup>1</sup> ILS, LOC, Category D, 800-2¼.	
<b>AMES, IA</b>		<b>CAMDENTON, MO</b>	
AMES MUNI (AMW).....	<b>ILS or LOC Rwy 1<sup>1</sup></b> <b>RNAV (GPS) Rwy 1</b> <b>RNAV (GPS) Rwy 13</b> <b>RNAV (GPS) Rwy 19</b> <b>RNAV (GPS) Rwy 31</b>	CAMDENTON MEMORIAL-LAKE	
NA when local weather not available.		RGNL (OZS).....	<b>RNAV (GPS) Rwy 15</b> <b>RNAV (GPS) Rwy 33</b> <b>VOR-A</b>
<sup>1</sup> ILS, Categories A, B, C, 700-2, Category D, 1100-3; LOC, Category D, 1100-3.		NA when local weather not available.	
<b>ANKENY, IA</b>		<b>CAPE GIRARDEAU, MO</b>	
ANKENY RGNL (IKV).....	<b>RNAV (GPS) Rwy 18</b> <b>RNAV (GPS) Rwy 22</b> <b>RNAV (GPS) Rwy 36</b>	CAPE GIRARDEAU	
Category D, 900-2¼.		RGNL (CGI).....	<b>ILS or LOC Rwy 10<sup>12</sup></b> <b>LOC/DME BC Rwy 28<sup>13</sup></b> <b>RNAV (GPS) Rwy 2<sup>3</sup></b> <b>RNAV (GPS) Rwy 10<sup>3</sup></b> <b>RNAV (GPS) Rwy 20<sup>3</sup></b> <b>RNAV (GPS) Rwy 28<sup>3</sup></b> <b>VOR Rwy 2<sup>4</sup></b>
		NA when local weather not available.	
		<sup>1</sup> NA when control tower closed.	
<b>ATLANTIC, IA</b>		<sup>2</sup> ILS, Categories A, B, C, 700-2; Category D, 800-2¼; LOC, Category D, 800-2¼.	
ATLANTIC MUNI (AIO).....	<b>RNAV (GPS) Rwy 2</b> <b>RNAV (GPS) Rwy 20</b>	<sup>3</sup> Category D, 800-2¼.	
NA when local weather not available.		<sup>4</sup> Category C, 800-2¼, Category D, 800-2¼.	
<b>BOONE, IA</b>		<b>CARROLL, IA</b>	
BOONE MUNI (BNW).....	<b>RNAV (GPS) Rwy 15</b> <b>RNAV (GPS) Rwy 33</b>	ARTHUR	
NA when local weather not available.		N NEU (CIN).....	<b>RNAV (GPS) Rwy 13</b> <b>RNAV (GPS) Rwy 31</b>
		NA when local weather not available.	
<b>BRANSON, MO</b>			
BRANSON (BBG).....	<b>RNAV (GPS) Rwy 14<sup>1</sup></b> <b>RNAV (GPS) Rwy 32<sup>2</sup></b>		
NA when local weather not available.			
<sup>1</sup> Category C, 800-2¼; Category D, 800-2¼.			
<sup>2</sup> Category D, 800-2¼.			
<b>BROOKFIELD, MO</b>			
NORTH CENTRAL MISSOURI			
RGNL (MO8).....	<b>RNAV (GPS) Rwy 18</b> <b>RNAV (GPS) Rwy 36</b>		
NA when local weather not available.			

NAME ALTERNATE MINIMUMS

**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.**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<sup>1</sup>**  
**RNAV (GPS) Y Rwy 36<sup>2</sup>**  
**RNAV (GPS) Z Rwy 36<sup>23</sup>**

<sup>1</sup>Category C, 900-2½; Category D, 1000-3.<sup>2</sup>NA when local weather not available.<sup>3</sup>Categories A, B, 800-2¼.**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).....**NDB Rwy 14**  
**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.

NAME ALTERNATE MINIMUMS

**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.

**COLUMBIA, MO**

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

<sup>1</sup>NA when control tower closed.<sup>2</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.**COUNCIL BLUFFS, IA**

COUNCIL BLUFFS  
MUNI (CBF).....**ILS or LOC Rwy 36<sup>1</sup>**  
**RNAV (GPS) Rwy 18**  
**RNAV (GPS) Rwy 36**  
**VOR-A**

NA when local weather not available.

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

NA when local weather not available.

**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/DME 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, 800-2¼; Category D, 800-2½.





NAME ALTERNATE MINIMUMS

**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.

**ORANGE CITY, IA**

ORANGE CITY  
MUNI (ORC).....RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34  
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.

**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  
RNAV (GPS) Rwy 20  
VOR-A  
Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

**RED OAK, IA**

RED OAK  
MUNI (RDK).....RNAV (GPS) Rwy 17  
NA when local weather not available.

**ROLLA-VICHY, MO**

ROLLA NATIONAL (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.

**ST. JOSEPH, MO**

ROSECRANS  
MEMORIAL (STJ).....ILS or LOC Rwy 35<sup>12</sup>  
LOC BC Rwy 17<sup>13</sup>  
RADAR-1<sup>4</sup>  
RNAV (GPS) Rwy 13<sup>67</sup>  
RNAV (GPS) Rwy 17<sup>68</sup>  
RNAV (GPS) Rwy 31<sup>69</sup>  
RNAV (GPS) Rwy 35<sup>68</sup>  
VOR or TACAN Rwy 17<sup>5</sup>

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

<sup>2</sup>ILS, Category D, 700-2¼; Category E, 1000-3.

LOC, Category D, 800-2¼; Category E, 1000-3.

<sup>3</sup>Category D, 800-2¼.

<sup>4</sup>PAR, ASR, Category C, 800-2¼; Category D, 900-2¼; Category E, 1000-3.

<sup>5</sup>Category D, 800-2¼; Category E, 1000-3.

<sup>6</sup>NA when local weather not available.

<sup>7</sup>Category C, 800-2¼; Category D, 900-2¼.

<sup>8</sup>Category C, 800-2¼; Category D, 900-2¼ ;

Category E, 1000-3.

<sup>9</sup>Category C, 800-2¼; Category D, 900-2¼.

**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>15</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.

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**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).....NDB Rwy 4  
RNAV (GPS) Rwy 4  
VOR/DME Rwy 12

NA when local weather not available.

**SIOUX CITY, IA**

SIOUX GATEWAY/COLONEL BUD DAY  
FIELD (SUX).....ILS or LOC Rwy 13<sup>2</sup>  
ILS or LOC Rwy 31<sup>2</sup>  
RNAV (GPS) Rwy 13<sup>1</sup>  
RNAV (GPS) Rwy 17<sup>3</sup>  
RNAV (GPS) Rwy 31<sup>1</sup>  
RNAV (GPS) Rwy 35<sup>3</sup>  
VOR/DME or TACAN Rwy 13<sup>1</sup>

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

**SPENCER, IA**

SPENCER  
MUNI (SPW).....RNAV (GPS) Rwy 12<sup>2</sup>  
RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 30<sup>1</sup>  
RNAV (GPS) Rwy 36  
VOR/DME Rwy 30<sup>1</sup>

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

NAME ALTERNATE MINIMUMS

**SPRINGFIELD, MO**

SPRINGFIELD-BRANSON  
NATIONAL (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.

**STORM LAKE, IA**

STORM LAKE  
MUNI (SLB).....RNAV (GPS) Rwy 17  
RNAV (GPS) Rwy 35

NA when local weather not available.

**VINTON, IA**

VINTON VETERANS MEMORIAL  
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/DME-A

NA when local weather not available.

**WASHINGTON, IA**

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

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

**WASHINGTON, MO**

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

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

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**WATERLOO, IA**

WATERLOO

- RGNL (ALO).....**ILS or LOC Rwy 12<sup>12</sup>**
- LOC BC Rwy 30<sup>12</sup>**
- RNAV (GPS) Rwy 6<sup>3</sup>**
- RNAV (GPS) Rwy 12<sup>3</sup>**
- RNAV (GPS) Rwy 18<sup>3</sup>**
- RNAV (GPS) Rwy 24<sup>3</sup>**
- RNAV (GPS) Rwy 30<sup>3</sup>**
- RNAV (GPS) Rwy 36<sup>3</sup>**
- VOR Rwy 6<sup>3</sup>**
- VOR Rwy 12<sup>3</sup>**
- VOR Rwy 18<sup>3</sup>**
- VOR Rwy 24<sup>3</sup>**

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

<sup>2</sup>LOC, Category D, 800-2¼.

<sup>3</sup>Category D, 800-2¼.

**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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