

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
RNAV (GPS) Rwy 30
VOR/DME -A

NA when local weather not available.

AMES, IA

AMES MUNI (AMW).....ILS or LOC Rwy 1¹
RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 19
RNAV (GPS) Rwy 31

NA when local weather not available.

¹ILS, Categories A, B, C, 700-2, Category D, 1100-3; LOC, Category D, 1100-3.

ANKENY, IA

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

Category D, 900-2¾.

ATLANTIC, IA

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

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 14¹
RNAV (GPS) Rwy 32²

NA when local weather not available.

¹Category C, 800-2¾; Category D, 800-2½.

²Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

BROOKFIELD, MO

NORTH CENTRAL MISSOURI
RGNL (MO8).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.

BURLINGTON, IA

SOUTHEAST IOWA
RGNL (BRL).....ILS or LOC Rwy 36¹
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
RNAV (GPS) Rwy 36
VOR/DME Rwy 12
VOR Rwy 30

NA when local weather not available.

¹ILS, LOC, Category D, 800-2¼.

CAMDENTON, MO

CAMDENTON MEMORIAL-LAKE
RGNL (OZS).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR-A

NA when local weather not available.

CAPE GIRARDEAU, MO

CAPE GIRARDEAU
RGNL (CGI).....ILS or LOC Rwy 10¹²
LOC/DME BC Rwy 28¹³
RNAV (GPS) Rwy 2³
RNAV (GPS) Rwy 10³
RNAV (GPS) Rwy 20³
RNAV (GPS) Rwy 28³
VOR Rwy 2⁴

NA when local weather not available.

¹NA when control tower closed.

²ILS, Categories A, B, C, 700-2; Category D, 800-2¼; LOC, Category D, 800-2¼.

³Category D, 800-2¼.

⁴Category C, 800-2¼, Category D, 800-2½.

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NAME ALTERNATE MINIMUMS

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 9¹
ILS or LOC Rwy 27²
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

¹NA when control tower closed.²ILS, 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) Y Rwy 36
RNAV (GPS) Z Rwy 36¹
NA when local weather not available.
¹Categories A, B, 800-2¼.

CLARINDA, IA

SCHENCK FIELD (ICL).....RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20
NA when local weather not available.

CLARION, IA

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

NAME ALTERNATE MINIMUMS

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.

COLUMBIA, MO

COLUMBIA
RGNL (COU).....ILS or LOC Rwy 2¹
LOC BC Rwy 20¹
VOR Rwy 13²

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

COUNCIL BLUFFS
MUNI (CBF).....ILS or LOC Rwy 36¹
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
VOR-A

NA when local weather not available.

¹Category 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
RNAV (GPS) Rwy 29
VOR Rwy 29
NA when local weather not available.

NAME ALTERNATE MINIMUMS

DES MOINES, IA

DES MOINES
 INTL (DSM).....**ILS or LOC Rwy 5¹**
 ILS or LOC Rwy 13¹
 ILS or LOC Rwy 31²
 RNAV (GPS) Rwy 5¹
 RNAV (GPS) Rwy 13¹
 RNAV (GPS) Rwy 23¹
 RNAV (GPS) Rwy 31¹
 VOR/DME Rwy 23³

¹Category D, 900-2½.
²LOC, Category D, 900-2½; Category E, 900-2¾.
³Category C, 800-2¼; Category D, 800-2½.

DUBUQUE, IA

DUBUQUE
 RGNL (DBQ).....**LOC Rwy 31¹²**
 RNAV (GPS) Rwy 13
 RNAV (GPS) Rwy 18
 RNAV (GPS) Rwy 31
 RNAV (GPS) Rwy 36
 VOR Rwy 13¹
 VOR Rwy 31¹
 VOR Rwy 36

NA when local weather not available.
¹Category D, 800-2¼.
²NA when control tower closed.

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 (FX).....**NDB Rwy 33¹**
 RNAV (GPS) Rwy 15
 RNAV (GPS) Rwy 33
 VOR/DME-A

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

NAME ALTERNATE MINIMUMS

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.

FORT LEONARD WOOD, MO

WAYNESVILLE-ST. ROBERT RGNL FORNEY
 FIELD (TBN).....**ILS or LOC Rwy 14¹²**
 NDB Rwy 32¹
 RNAV (GPS) Rwy 14²
 RNAV (GPS) Rwy 32²
 VOR Rwy 14¹
 VOR Rwy 32¹

¹NA when control tower closed.
²NA when local weather not available.

FORT MADISON, IA

FORT MADISON
 MUNI (FSW).....**RNAV (GPS) Rwy 17**
 RNAV (GPS) Rwy 35
 VOR/DME-A

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
 MEMORIAL (LRY).....**RNAV (GPS) Rwy 17**
 RNAV (GPS) Rwy 35

NA when local weather not available.

INDEPENDENCE, IA

INDEPENDENCE
 MUNI (IIB).....**NDB Rwy 18¹**
 RNAV (GPS) Rwy 18
 RNAV (GPS) Rwy 36

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

IOWA CITY, IA

IOWA CITY MUNI (IOW).....**RNAV (GPS) Rwy 25**
 RNAV (GPS) Rwy 30
 VOR-A

NA when local weather not available.

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JEFFERSON CITY, MO

JEFFERSON CITY
MEMORIAL (JEF).....**ILS or LOC Rwy 30¹**
RNAV (GPS) Rwy 12²
RNAV (GPS) Rwy 30²

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

JOPLIN, MO

JOPLIN
RGNL (JLN).....**ILS or LOC/DME Rwy 18¹**
ILS or LOC/NDB Rwy 13²³
LOC BC Rwy 31²

¹NA when control tower closed.
²NA when tower closed.
³Category D, 700-2.

KAISER/LAKE OZARK, MO

LEE C. FINE
MEMORIAL (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 3¹**
ILS or LOC Rwy 19²
RNAV (GPS) Rwy 3³
RNAV (GPS) Rwy 19⁴
RNAV (GPS) Rwy 21³

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

KEOKUK, IA

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

KIRKSVILLE, MO

KIRKSVILLE
RGNL (IRK).....**ILS or LOC/DME Rwy 36**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
VOR-A

NA when local weather not available.

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 18¹
RNAV (GPS) Rwy 29¹
RNAV (GPS) Rwy 36¹
VOR-A¹

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

MARSHALLTOWN, IA

MARSHALLTOWN
MUNI (MIW).....**RNAV (GPS) Rwy 13¹**
RNAV (GPS) Rwy 31¹
VOR Rwy 13
VOR Rwy 31

NA when local weather not available.
¹Category D, 900-2½.

MASON CITY, IA

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

NA when local weather not available.

MONETT, MO

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

NA when local weather not available.

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MONTICELLO, IA

MONTICELLO
RGNL (MXO).....RNAV (GPS) Rwy
15
RNAV (GPS) Rwy 33
NA when local weather not available.

MOUNT PLEASANT, IA

MOUNT PLEASANT
MUNI (MPZ).....NDB Rwy 33¹
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
NA when local weather not available.

¹Category C, 800-2¼.

MUSCATINE, IA

MUSCATINE
MUNI (MUT).....RNAV (GPS) Rwy 6¹
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 30
NA when local weather not available.

¹Categories A, B, C, D, 800-2½.

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.

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

POPLAR BLUFF, MO

POPLAR BLUFF
MUNI (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
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.

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ST. JOSEPH, MO

ROSECRANS
MEMORIAL (STJ).....**ILS or LOC Rwy 35¹²**
LOC BC Rwy 17¹³
RADAR-1⁴
RNAV (GPS) Rwy 13⁶⁷
RNAV (GPS) Rwy 17⁶⁸
RNAV (GPS) Rwy 31⁶⁹
RNAV (GPS) Rwy 35⁶⁸
VOR or TACAN Rwy 17⁵

- ¹NA when control tower closed.
- ²ILS, Category D, 700-2¼; Category E, 1000-3.
LOC, Category D, 800-2¼; Category E, 1000-3.
- ³Category D, 800-2¼.
- ⁴PAR, ASR, Category C, 800-2¼; Category D, 900-2¼; Category E, 1000-3.
- ⁵Category D, 800-2¼; Category E, 1000-3.
- ⁶NA when local weather not available.
- ⁷Category C, 800-2¼; Category D, 900-2¾.
- ⁸Category C, 800-2¼; Category D, 900-2¾; Category E, 1000-3.
- ⁹Category C, 800-2¼; Category D, 900-2¾.

ST. LOUIS, MO

SPIRIT OF
ST. LOUIS (SUS).....**ILS or LOC Rwy 8R²³**
ILS or LOC Rwy 26L²⁴
RNAV (GPS) Rwy 8L¹
RNAV (GPS) Rwy 8R¹⁵
RNAV (GPS) Rwy 26L¹⁵
RNAV (GPS) Rwy 26R¹

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

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.

NAME ALTERNATE MINIMUMS

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 13²**
ILS or LOC Rwy 31²
RNAV (GPS) Rwy 13¹
RNAV (GPS) Rwy 17³
RNAV (GPS) Rwy 31¹
RNAV (GPS) Rwy 35³
VOR/DME or TACAN Rwy 13¹

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

SPENCER, IA

SPENCER
MUNI (SPW).....**RNAV (GPS) Rwy 12²**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 30¹
RNAV (GPS) Rwy 36
VOR/DME Rwy 30¹

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

SPRINGFIELD, MO

SPRINGFIELD-BRANSON
NATIONAL (SGF).....**ILS or LOC Rwy 2¹**
ILS or LOC Rwy 14⁴
RNAV (GPS) Rwy 2²
RNAV (GPS) Rwy 20²
RNAV (GPS) Rwy 32²
VOR/DME or TACAN Rwy 2³
VOR or TACAN Rwy 20³

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

STORM LAKE, IA

STORM LAKE
MUNI (SLB).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35
NA when local weather not available.

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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 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.

WATERLOO, IA

WATERLOO
RGNL (ALO).....ILS or LOC Rwy 12¹
LOC BC Rwy 30
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30
VOR Rwy 12
NA when local weather not available.
¹ILS, Category D, 700-2.

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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