

A IFR ALTERNATE AIRPORT MINIMUMS

Pilots must review the IFR Alternate Minimums Notes to determine alternate airport suitability.

ANA designation on the approach chart means that pilots may not use that approach as an alternate due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Approaches with the **A**NA designation are not listed in this section. **A** designation on the approach chart indicates that the approach procedure has non-standard minimums (for aircraft other than helicopters) or restrictions (for all users) for its use as an alternate. A procedure is not authorized for alternate flight planning purposes when local weather is not available.

MILITARY USERS NOTE: For IFR alternate airport and minima planning, refer to appropriate service directives.

Alternate Minima (ref: 14 CFR 91.169)

	Precision Approach	Non-Precision Approach
Standard	600-2	800-2
A Non-Standard or restrictions	As indicated below	As indicated below
Helicopters	For the selected approach: Ceiling: 200' above published ceiling Visibility: the greater of 1 SM visibility or the published visibility	

Note: For alternate airport flight planning purposes, precision approach operations include: ILS, PAR, and GLS, and Non-Precision approach operations include: NDB, VOR, LOC, TACAN, LDA, SDF, ASR, RNAV (GPS) and RNAV (RNP).

NAME ALTERNATE MINIMUMS

ALGONA, IA

ALGONA MUNI (AXA).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31
NA when local weather not available.

AMES, IA

AMES MUNI (AMW).....RNAV (GPS) Rwy 19
NA when local weather not available.

ANKENY, IA

ANKENY RGNL (IKV).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 36
Cat D 900-2¼.

ATLANTIC, IA

ATLANTIC MUNI (AIO).....RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20
NA when local weather not available.
Cat C 800-2¼.

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.
¹Cat C 800-2¼, Cat D 800-2½.
²Cat C 1000-2¼, Cat 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 10¹²
LOC BC Rwy 28¹³
RNAV (GPS) Rwy 2²
RNAV (GPS) Rwy 10³
RNAV (GPS) Rwy 20³
RNAV (GPS) Rwy 28³
NA when local weather not available.
¹NA when control tower closed.
²LOC Cat D 800-2¼.
³Cat D 800-2¼.

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NAME ALTERNATE MINIMUMS

CARROLL, IA

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

Cat C 800-2¼.

CEDAR RAPIDS, IA

THE EASTERN

IOWA (CID).....ILS or LOC Rwy 9¹
ILS or LOC Rwy 27¹²
RNAV (GPS) Rwy 9³
RNAV (GPS) Rwy 27³

NA when local weather not available.

¹NA when control tower closed.

²LOC Cat D 800-2¼.

³Cat D 800-2¼.

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).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

CHEROKEE, IA

CHEROKEE COUNTY

RGNL (CKP).....RNAV (GPS) Rwy 18
Cat C 900-2½, Cat D 1000-3.

CLARINDA, IA

SCHENCK FLD (ICL).....

RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20
Cat C 800-2¼, Cat 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.

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 2¹
RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 20
RNAV (GPS) Rwy 31²
VOR Rwy 13³
VOR Y Rwy 20
VOR Z Rwy 20

NA when local weather not available.

¹NA when control tower closed.

²Cat D 1000-3.

³Cat A, B 1000-2, Cat 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.

Cat C 900-2½.

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 5^{3,4}
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 23^{3,4}
RNAV (GPS) Rwy 31³
VOR Rwy 23⁵

¹LOC Cat D 900-2½.
²LOC Cat D 900-2½, Cat E 900-2¾.
³Cat D 900-2½.
⁴NA when local weather not available.
⁵Cat C 800-2½, Cat D 900-2½.

DUBUQUE, IA

DUBUQUE
RGNL (DBQ).....**ILS or LOC Rwy 36^{1,2}**
LOC Rwy 31^{1,3}
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 31
RNAV (GPS) Rwy 36
VOR Rwy 13³
VOR Rwy 31⁴
VOR Rwy 36³

NA when local weather not available.
¹NA when control tower closed.
²LOC Cat D 800-2¼.
³Cat D 800-2¼.
⁴Cat C 800-2¼, Cat 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/
TRIMBLE FLD (FXY).....**RNAV (GPS) Rwy 15¹**
RNAV (GPS) Rwy 33¹
VOR-A

NA when local weather not available.
¹Cat C 900-2½, Cat D 900-2¾.

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

NA when local weather not available.
 Cat D 1000-3.

FORT LEONARD WOOD, MO

WAYNESVILLE-ST ROBERT RGNL FORNEY
FLD (TBN).....**ILS or LOC Rwy 15¹**
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR Rwy 15¹
VOR Rwy 33¹

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

FORT MADISON, IA

FORT MADISON
MUNI (FSW).....**RNAV (GPS) Rwy 17**
RNAV (GPS) Rwy 35

NA when local weather not available.
 Cat D 800-2½.

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.
 Cat D 1500-3.

IOWA CITY, IA

IOWA CITY
MUNI (IOW).....**RNAV (GPS) Rwy 25¹**
RNAV (GPS) Rwy 30¹
VOR-A

NA when local weather not available.
¹Cat C 800-2¼, Cat 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 30¹**
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 30³

NA when local weather not available.

¹NA control tower closed.

²LOC Cat C 800-2¼, Cat D 1100-3.

³Cat C 800-2¼, Cat D 1100-3.

JOPLIN, MO

JOPLIN RGNL (JLN).....**ILS or LOC Rwy 13¹**
ILS or LOC Rwy 18²

¹NA when tower closed.

²NA when control tower closed.

KAISER/LAKE OZARK, MO

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

NA when local weather not available.

KANSAS CITY, MO

KANSAS CITY DOWNTOWN/WHEELER
FLD (MKC).....**ILS or LOC Rwy 4¹**
ILS or LOC Rwy 19²
RNAV (GPS) Rwy 4³
RNAV (GPS) Y Rwy 19³

¹LOC Cat A, B 900-2, Cat C, D 900-2½.

²LOC Cat D 800-2½.

³Cat D 800-2½.

KEOKUK, IA

KEOKUK MUNI (EOK).....**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.

KNOXVILLE, IA

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

NA when local weather not available.

LAMONI, IA

LAMONI MUNI (LWD).....**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

LEBANON, MO

FLOYD W JONES
LEBANON (LBO).....**RNAV (GPS) Rwy 18**
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME ALTERNATE MINIMUMS

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

KANSAS CITY/LEE'S SUMMIT
RGNL (LXT).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 18¹
RNAV (GPS) Rwy 29¹
RNAV (GPS) Rwy 36¹
VOR-A¹

Cat C 800-2¼, Cat D 800-2½.

¹NA when local weather not available.

MALDEN, MO

MALDEN RGNL (MAW).....**RNAV (GPS) Rwy 14**
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 32
RNAV (GPS) Rwy 36

NA when local weather not available.

MARSHALLTOWN, IA

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

NA when local weather not available.

Cat D 900-2¼.

MASON CITY, IA

MASON CITY
MUNI (MCW).....**ILS or LOC Rwy 36**
RNAV (GPS) Rwy 12
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.

Cat D 800-2¼.

MOBERLY, MO

OMAR N
BRADLEY (MBY).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31

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.

Cat D 800-2¼.

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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 15¹
RNAV (GPS) Rwy 33
NA when local weather not available.
¹Cat A, B, C 800-2 $\frac{1}{4}$.

MUSCATINE, IA

MUSCATINE
MUNI (MUT).....RNAV (GPS) Rwy 6¹
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 24²
RNAV (GPS) Rwy 30

NA when local weather not available.
¹Cat A, B, C 800-2 $\frac{1}{2}$, Cat D 1000-3.
²Cat 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
FLD (TNU).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32
VOR Rwy 14
NA when local weather not available.

OELWEIN, IA

OELWEIN
MUNI (OLZ).....RNAV (GPS) Rwy 13
Cat D 800-2 $\frac{1}{4}$.

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
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.
Cat D 900-2 $\frac{1}{4}$.

PERRYVILLE, MO

PERRYVILLE
RGNL (PCD).....RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20
NA when local weather not available.
Cat C 900-2 $\frac{1}{4}$, Cat 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 5¹
RNAV (GPS) Rwy 17
NA when local weather not available.
¹Cat A, B 800-2 $\frac{1}{4}$.

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 RGNL/
SMARTT FLD (SET).....RNAV (GPS) Rwy 18
NA when local weather not available.
Cat C 800-2 $\frac{1}{4}$.

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NAME ALTERNATE MINIMUMS

ST JOSEPH, MO

ROSECRANS

MEML (STJ).....ILS or LOC Rwy 35¹²
LOC BC Rwy 17¹³
RNAV (GPS) Rwy 13⁴⁵
RNAV (GPS) Rwy 17⁴⁶
RNAV (GPS) Rwy 31³⁴
RNAV (GPS) Rwy 35⁴⁶
VOR or TACAN Rwy 17⁵
VOR or TACAN Rwy 35⁶

- ¹NA when control tower closed.
- ²LOC Cat C 800-2¼, Cat D 900-2¾, Cat E 1000-3.
- ³Cat C 800-2¼, Cat D 900-2¾.
- ⁴NA when local weather not available.
- ⁵Cat C 800-2¼, Cat D 900-2¾.
- ⁶Cat C 800-2¼, Cat D 900-2¾, Cat E 1000-3.

ST LOUIS, MO

SPIRIT OF

ST LOUIS (SUS).....ILS or LOC Rwy 8R¹²³
ILS or LOC Rwy 26L¹²³
RNAV (GPS) Rwy 8L¹
RNAV (GPS) Rwy 8R⁴
RNAV (GPS) Rwy 26L¹⁴
RNAV (GPS) Rwy 26R¹

- ¹NA when local weather not available.
- ²NA when control tower closed.
- ³LOC Cat D 900-3.
- ⁴Cat D 900-3.

SEDALIA, MO

SEDALIA

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

- NA when local weather not available.
- Cat 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 13¹²
ILS or LOC Rwy 31¹²
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 18⁴
RNAV (GPS) Rwy 31³
RNAV (GPS) Rwy 36⁴

- NA when local weather not available.
- ¹NA when control tower closed.
- ²LOC Cat D 800-2½, Cat E 900-3.
- ³Cat D 800-2½, Cat E 1000-3.
- ⁴Cat D 800-2½.

SPENCER, IA

SPENCER

MUNI (SPW).....RNAV (GPS) Rwy 12¹
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 30¹
RNAV (GPS) Rwy 36

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

SPRINGFIELD, MO

SPRINGFIELD-BRANSON

NTL (SGF).....ILS or LOC Rwy 2¹
ILS or LOC Rwy 14²³
RNAV (GPS) Rwy 2³
RNAV (GPS) Rwy 14³
RNAV (GPS) Rwy 20³
RNAV (GPS) Rwy 32³
VOR/DME or TACAN Rwy 2⁴

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

STORM LAKE, IA

STORM LAKE

MUNI (SLB).....RNAV (GPS) Rwy 17
NA when local weather not available.

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

- 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

- Cat C 800-2¼.

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WASHINGTON, MO

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

NA when local weather not available.
Cat C 1100-3.

WATERLOO, IA

WATERLOO
RGNL (ALO).....ILS or LOC Rwy 12¹²
LOC BC Rwy 30¹²
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 30³
RNAV (GPS) Rwy 36³
VOR Rwy 12²³
VOR Rwy 18³⁴

¹NA when control tower closed.
²LOC Cat D 800-2¼.
³Cat D 800-2¼.
⁴NA when local weather not available.

WEBSTER CITY, IA

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

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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