

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 1²³
RNAV (GPS) Rwy 19¹
¹NA when local weather not available.
²NA when control tower closed.
³LOC, 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.

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, 800-2 $\frac{1}{4}$; Category D, 800-2 $\frac{1}{2}$.
²Category D, 800-2 $\frac{1}{4}$.

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.

NAME ALTERNATE MINIMUMS
CAMDENTON, MO
CAMDENTON MEMORIAL-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/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, 800-2 $\frac{1}{4}$; LOC, Category D, 800-2 $\frac{1}{4}$.
³Category D, 800-2 $\frac{1}{4}$.
⁴Category C, 800-2 $\frac{1}{4}$, Category D, 800-2 $\frac{1}{2}$.

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.

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NAME ALTERNATE MINIMUMS

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).....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.

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).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36
VOR-A

NA when local weather not available.

NAME ALTERNATE MINIMUMS

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.

DENISON, IA

DENISON MUNI (DNS).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30

NA when local weather not available.

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 Rwy 23³

¹Category D, 900-2½.

²LOC, Category D, 900-2½; Category E, 900-2¼.

³Category C, 800-2½; Category D, 900-2½.

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.

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FAIRFIELD, IAFAIRFIELD MUNI (FFL).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.

FARMINGTON, MOFARMINGTON
RGNL (FAM).....RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20

NA when local weather not available.

FOREST CITY, IAFOREST CITY
MUNI (FX).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR-A

NA when local weather not available.

FORT DODGE, IAFORT 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, MOWAYNESVILLE-ST ROBERT RGNL FORNEY
FIELD (TBN).....ILS or LOC Rwy 15¹²
RNAV (GPS) Rwy 15³
RNAV (GPS) Rwy 33³⁴
VOR Rwy 15³⁴
VOR Rwy 33³⁴¹ILS, NA when local weather not available.²ILS, NA when control tower closed.³NA when local weather not available.⁴NA when control tower closed.**FORT MADISON, IA**FORT MADISON
MUNI (FSW).....RNAV (GPS) Rwy 17¹
RNAV (GPS) Rwy 35¹
VOR/DME-A²¹Category D, 800-2½.²NA 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, MOLAWRENCE SMITH
MEMORIAL (LRY).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available.

NAME ALTERNATE MINIMUMS

INDEPENDENCE, IAINDEPENDENCE
MUNI (IIB).....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

Category D, 1500-3.

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

NA when local weather not available.

¹Category C, 800-2½; Category D, 800-2½.**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 Rwy 18¹
ILS or LOC/NDB Rwy 13²³
LOC BC Rwy 31²¹NA when control tower closed.²NA when tower closed.³ILS, Category 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, MOCHARLES 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 21³¹ILS, 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.

NAME ALTERNATE MINIMUMS

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.

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, 800-2¼; 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, 900-2¼.

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, 800-2¼.

MONETT, MO

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

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

NA when local weather not available.

MUSCATINE, IA

MUSCATINE
 MUNI (MUT).....RNAV (GPS) Rwy 6¹²
 RNAV (GPS) Rwy 12²
 RNAV (GPS) Rwy 24³
 RNAV (GPS) Rwy 30²

¹Categories A, B, C, D, 800-2½.

²NA when local weather not available.

³Category 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.

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.

NAME ALTERNATE MINIMUMS

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.

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 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 17⁶
VOR or TACAN Rwy 35⁶

¹NA when control tower closed.

²LOC, Category C, 800-2¼; Category D, 900-2¾;
Category E, 1000-3.

³Category C, 800-2¼; Category D, 900-2¾.

⁴NA when local weather not available.

⁵Category C, 800-2¼; Category D, 900-2¾.

⁶Category C, 800-2¼; Category D, 900-2¾;
Category E, 1000-3.

NAME ALTERNATE MINIMUMS

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 26L¹⁶
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.

⁶Category 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.

SIOUX CITY, IA

SIOUX GATEWAY BRIGADIER GENERAL BUD
DAY FLD (SUX).....ILS or LOC Rwy 13¹²
ILS or LOC Rwy 31¹²
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 17⁴
RNAV (GPS) Rwy 31³
RNAV (GPS) Rwy 35⁴
VOR or TACAN Rwy 13³

¹NA when control tower closed.

²LOC, Category D, 800-2½; Category E, 1000-3.

³Category D, 800-2½; Category E, 1000-3.

⁴Category D, 800-2½.

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NAME ALTERNATE MINIMUMS

SPENCER, IA

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

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.

NAME ALTERNATE MINIMUMS

WATERLOO, IA

WATERLOO
RGNL (ALO).....ILS or LOC Rwy 12¹²
LOC BC Rwy 30¹²
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 18³
RNAV (GPS) Rwy 24³
RNAV (GPS) Rwy 30³
RNAV (GPS) Rwy 36³
VOR Rwy 6³⁴
VOR Rwy 12³
VOR Rwy 18³⁴
VOR Rwy 24³

¹NA when control tower closed.²LOC, Category D, 800-2¼.³Category D, 800-2¼.⁴NA 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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