



INSTRUMENT APPROACH PROCEDURE CHARTS

**A** IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non precision approaches are 800-2 (NDB, VOR, LOC, TACAN, LDA, VORTAC, VOR/DME, ASR or WAAS LNAV); for precision approaches 600-2 (ILS or PAR). 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 or absence of weather reporting service. Civil pilots see FAR 91. IFR Alternate Airport Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Airport Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

**ALGONA, IA**

ALGONA MUNI (AXA) ..... **NDB Rwy 12**  
**RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**  
**VOR/DME-A**

NA when local weather not available.

**AMES, IA**

AMES MUNI (AMW) ..... **RNAV (GPS) Rwy 1**  
**RNAV (GPS) Rwy 13**  
**RNAV (GPS) Rwy 19**  
**RNAV (GPS) Rwy 31**

NA when local weather not available.

**ANKENY, IA**

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

NA when local weather not available.

**ATLANTIC, IA**

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

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, 800-2¼; Category D, 800-2½.

<sup>2</sup>Category D, 800-2¼.

M. GRAHAM CLARK

DOWNTOWN (PLK) ..... **RNAV (GPS) Rwy 12**  
**RNAV (GPS) Rwy 30**

NA when local weather not available.

NAME ALTERNATE MINIMUMS

**BRANSON WEST, MO**

BRANSON WEST MUNI - EMERSON  
FIELD (FWB) ..... **RNAV (GPS) Rwy 3**  
**RNAV (GPS) Rwy 21**

NA when local weather not available.

**BURLINGTON, IA**

SOUTHEAST IOWA  
RGNL (BRL) ..... **ILS or LOC Rwy 36<sup>1</sup>**  
**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.

<sup>1</sup>ILS, LOC, Category D, 800-2¼.

**CAPE GIRARDEAU, MO**

CAPE GIRARDEAU  
RGNL (CGI) ..... **ILS or LOC Rwy 10<sup>12</sup>**  
**LOC/DME BC Rwy 28<sup>1</sup>**  
**RNAV (GPS) Rwy 10<sup>1</sup>**  
**RNAV (GPS) Rwy 28<sup>13</sup>**

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

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

<sup>3</sup>Categories A,B,C,D, 900-2¼.

**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**  
**VOR Rwy 27**  
**VOR/DME Rwy 9**

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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# ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

## 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  
NDB 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 36<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, 800-2 $\frac{1}{4}$ .

## CLARINDA, IA

SCHENCK FIELD (ICL) ..... NDB-A<sup>1</sup>  
RNAV (GPS) Rwy 2  
RNAV (GPS) Rwy 20

NA when local weather not available.

<sup>1</sup>Categories A, B, 900-2.

## 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  
VOR Rwy 3

NA when local weather not available.

## COLUMBIA, MO

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

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

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

NAME ALTERNATE MINIMUMS

## COUNCIL BLUFFS, IA

COUNCIL BLUFFS  
MUNI (CBF) ..... ILS or LOC Rwy 36  
RNAV (GPS) Rwy 14  
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  
VOR Rwy 29

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>1</sup>  
RNAV (GPS) Rwy 5<sup>2</sup>  
RNAV (GPS) Rwy 13<sup>2</sup>  
RNAV (GPS) Rwy 31<sup>2</sup>  
VOR/DME Rwy 23<sup>3</sup>

<sup>1</sup>Category E, 900-2 $\frac{1}{4}$ .

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

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

## DUBUQUE, IA

DUBUQUE  
RGNL (DBQ) ..... RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 31  
RNAV (GPS) Rwy 36  
VOR Rwy 13<sup>1</sup>  
VOR Rwy 31<sup>1</sup>  
VOR Rwy 36

NA when local weather not available.

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

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# ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

## 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) ..... NDB Rwy 20  
RNAV (GPS) Rwy 2  
RNAV (GPS) Rwy 20

NA when local weather not available.

## FOREST CITY, IA

FOREST CITY MUNI (FXY) ..... NDB Rwy 33<sup>1</sup>  
RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33  
VOR/DME-A

NA when local weather not available.

<sup>1</sup>Category D, 800-2½.

## 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 14<sup>12</sup>  
NDB Rwy 32<sup>1</sup>  
RNAV (GPS) Rwy 14<sup>2</sup>  
RNAV (GPS) Rwy 32<sup>2</sup>  
VOR Rwy 14<sup>1</sup>  
VOR Rwy 32<sup>1</sup>

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

<sup>2</sup>NA 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.

NAME ALTERNATE MINIMUMS

## 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 18<sup>1</sup>  
RNAV (GPS) Rwy 18  
RNAV (GPS) Rwy 36

NA when local weather not available.

<sup>1</sup>Category C, 800-2½.

## IOWA CITY, IA

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

NA when local weather not available.

## IOWA FALLS, IA

IOWA FALLS  
MUNI (IFA) ..... RNAV (GPS) Rwy 31

NA when local weather not available.

## JEFFERSON CITY, MO

JEFFERSON CITY  
MEMORIAL (JEF) ..... ILS or LOC Rwy 30<sup>12</sup>  
RNAV (GPS) Rwy 12<sup>3</sup>  
RNAV (GPS) Rwy 30<sup>3</sup>

NA when local weather not available.

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

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

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

## JOPLIN, MO

JOPLIN  
RGNL (JLN) ..... ILS or LOC/DME Rwy 18  
ILS or LOC/NDB Rwy 13

NA when control tower closed.

## KAISER/LAKE OZARK, MO

LEE C. FINE  
MEMORIAL (AIZ) ..... RNAV (GPS) Rwy 3  
RNAV (GPS) Rwy 21  
VOR Rwy 3

NA when local weather not available.

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# ALTERNATE MINS

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# ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

## KANSAS CITY, MO

CHARLES B. WHEELER

DOWNTOWN (MCK) ..... ILS or LOC Rwy 3<sup>1</sup>

ILS or LOC Rwy 19<sup>2</sup>

NDB Rwy 19<sup>3</sup>

RNAV (GPS) Rwy 3

RNAV (GPS) Rwy 19<sup>4</sup>

RNAV (GPS) Rwy 21

VOR Rwy 19

VOR Rwy 21<sup>5</sup>

NA when local weather not available.

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

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

<sup>3</sup>Category D, 800-2½.

<sup>4</sup>Category D, 900-3.

<sup>5</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.

## 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.

## KIRKSVILLE, MO

KIRKSVILLE

RGNL (IRK) ..... ILS or LOC/DME Rwy 36

RNAV (GPS) Rwy 18

RNAV (GPS) Rwy 36

VOR-A

VOR/DME-B

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

VOR/DME Rwy 36<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Categories A,B, 900-2.

NAME ALTERNATE MINIMUMS

## LEE'S SUMMIT, MO

LEE'S SUMMIT

MUNI (LXT) ..... RNAV (GPS) Rwy 11

RNAV (GPS) Rwy 18

RNAV (GPS) Rwy 29

RNAV (GPS) Rwy 36

NA when local weather not available.

## MARSHALLTOWN, IA

MARSHALLTOWN

MUNI (MIW) ..... RNAV (GPS) Rwy 13

RNAV (GPS) Rwy 31

VOR Rwy 13

VOR Rwy 31

NA when local weather not available.

## MASON CITY, IA

MASON CITY

MUNI (MCW) ..... RNAV (GPS) Rwy 18

RNAV (GPS) Rwy 30

RNAV (GPS) Rwy 36

NA when local weather not available.

## MONETT, MO

MONETT MUNI (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.

## MOUNT PLEASANT, IA

MOUNT PLEASANT

MUNI (MPZ) ..... NDB Rwy 33<sup>1</sup>

RNAV (GPS) Rwy 15

RNAV (GPS) Rwy 33

NA when local weather not available.

<sup>1</sup>Category C, 800-2½.

## MUSCATINE, IA

MUSCATINE

MUNI (MUT) ..... ILS or LOC Rwy 24<sup>1</sup>

RNAV (GPS) Rwy 6<sup>2a</sup>

RNAV (GPS) Rwy 24<sup>2</sup>

VOR Rwy 6<sup>4</sup>

<sup>1</sup>ILS, Categories B,C,D, 700-2.

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

<sup>3</sup>Categories A, B, C, D, 800-2½.

<sup>4</sup>Category C, 800-2½; Category D, 800-2½.

## NEOSHO, MO

NEOSHO HUGH

ROBINSON (EOS) ..... RNAV (GPS) Rwy 1

RNAV (GPS) Rwy 19

NA when local weather not available.

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# ALTERNATE MINS

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# ALTERNATE MINS

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NAME ALTERNATE MINIMUMS

## NEWTON, IA

NEWTON MUNI (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.

## OTTUMWA, IA

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

## POPLAR BLUFF, MO

POPLAR BLUFF  
MUNI (POF) ..... RNAV (GPS) Rwy 18<sup>1</sup>  
RNAV (GPS) Rwy 36<sup>1</sup>  
SDF Rwy 36<sup>2</sup>

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

<sup>2</sup>NA except for operators with approved weather reporting service.

## 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  
RNAV (GPS) Rwy 22  
VOR Rwy 22  
VOR/DME Rwy 4

NA when local weather not available.

NAME ALTERNATE MINIMUMS

## 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 35<sup>56</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, Category D, 700-2¼; Category E, 1000-3. ASR Category D, 800-2¼; Category E, 1000-3.

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

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

## ST. LOUIS, MO

LAMBERT-ST. LOUIS  
INTL (STL) ..... RNAV (GPS) Rwy 11  
Category E, 800-2.

SPIRIT OF

ST. LOUIS (SUS) ..... ILS or LOC Rwy 8R<sup>13</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.

## SHELDON, IA

SHELDON  
MUNI (SHL) ..... NDB Rwy 4  
RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33

NA when local weather not available.

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# ALTERNATE MINS

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