

INSTRUMENT APPROACH PROCEDURE CHARTS

**A IFR ALTERNATE AIRPORT MINIMUMS**

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

**A**NA 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.

**Alternate Minima (ref: 14 CFR 91.169)**

	Precision Approach	Non-Precision Approach
Standard	<b>600-2</b>	<b>800-2</b>
<b>A</b> 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	
US Military (USA/USN/USAF)	See Service Regulations	

**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

**ALBANY, NY**

ALBANY INTL (ALB).....**ILS or LOC Rwy 1<sup>12</sup>**  
**ILS or LOC Rwy 19<sup>12</sup>**  
**RNAV (GPS) Rwy 10<sup>23</sup>**  
**RNAV (GPS) Rwy 28<sup>23</sup>**  
**RNAV (GPS) Y Rwy 1<sup>23</sup>**  
**RNAV (GPS) Y Rwy 19<sup>23</sup>**  
**VOR Rwy 28<sup>3</sup>**

<sup>1</sup>LOC, Category D, 800-2½.

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

<sup>3</sup>Category D, 800-2½.

**ANDOVER, NJ**

AEROFLEX/  
ANDOVER (12N).....**RNAV (GPS) Rwy 3**  
**VOR-A**

NA when local weather not available.  
Category A, 1000-2.

NAME ALTERNATE MINIMUMS

**ATLANTIC CITY, NJ**

ATLANTIC CITY  
INTL (ACY).....**ILS or LOC Rwy 13<sup>1</sup>**  
**ILS or LOC/DME Rwy 31<sup>1</sup>**  
**RADAR-1<sup>2</sup>**  
**RNAV (GPS) Rwy 4<sup>2</sup>**  
**RNAV (GPS) Y Rwy 13<sup>2</sup>**  
**RNAV (GPS) Rwy 22<sup>2</sup>**  
**RNAV (GPS) Y Rwy 31<sup>2</sup>**  
**VOR/DME Rwy 22<sup>2</sup>**  
**VOR Rwy 4<sup>2</sup>**  
**VOR Rwy 13<sup>2</sup>**  
**VOR Rwy 31<sup>2</sup>**

<sup>1</sup>ILS, Category E, 700-2½. LOC, Category E, 800-2½.

<sup>2</sup>Category E, 800-2½.

**BATAVIA, NY**

GENESEE  
COUNTY (GVQ).....**ILS or LOC Rwy 28<sup>1</sup>**  
**RNAV (GPS) Rwy 10<sup>2</sup>**  
**RNAV (GPS) Rwy 28<sup>2</sup>**  
**VOR/DME-A<sup>2</sup>**

NA when local weather not available.

<sup>1</sup>ILS, LOC, Category C, 900-2½;

Category D, 900-2½.

<sup>2</sup>Category C, 900-2½; Category D, 900-2½.

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**BELMAR/FARMINGDALE, NJ**

MONMOUTH  
EXEC (BLM).....RNAV (GPS) Rwy 14  
RNAV (GPS) Rwy 32  
VOR-A

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

**BINGHAMTON, NY**

GREATER BINGHAMTON/EDWIN A  
LINK FLD (BGM).....ILS or LOC Rwy 16<sup>1</sup>  
ILS or LOC Rwy 34<sup>1</sup>  
RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 28  
RNAV (GPS) Rwy 34

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

**CALDWELL, NJ**

ESSEX COUNTY (CDW).....RNAV (GPS) Rwy 4<sup>1</sup>  
RNAV (GPS) Rwy 10<sup>1</sup>  
RNAV (GPS) Rwy 22<sup>23</sup>

<sup>1</sup>Category B, 900-2; Category C, 1000-2¼;  
Category D, 1300-3.  
<sup>2</sup>Category B, 900-2; Category C, 1000-2¼.  
<sup>3</sup>NA when local weather not available.

**CORTLAND, NY**

CORTLAND COUNTY/CHASE  
FLD (N03).....RNAV (GPS) Rwy 6<sup>1</sup>  
RNAV (GPS) Rwy 24<sup>1</sup>  
VOR-A<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>Category C, 1100-3.  
<sup>2</sup>Categories A, B, 1100-2, Category C, 1200-3.

**DANVILLE, NY**

DANVILLE MUNI (DSV).....RNAV (GPS)-A  
RNAV (GPS) Rwy 14

NA when local weather not available.  
Category A, 1300-2; Category B, 1500-2;  
Category C, 1600-3.

**DUNKIRK, NY**

CHAUTAUQUA COUNTY/  
DUNKIRK (DKK).....RNAV (GPS)-A<sup>1</sup>  
RNAV (GPS)-B<sup>1</sup>  
RNAV (GPS) Rwy 15<sup>1</sup>  
RNAV (GPS) Rwy 33<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>Category C, 1000-2¼; Category D, 1500-3.  
<sup>2</sup>Categories A, B, 1200-2; Category C, 1200-3;  
Category D, 1500-3.

**EAST HAMPTON, NY**

EAST HAMPTON TOWN  
(JPX).....RNAV (GPS) Z Rwy 10  
RNAV (GPS) Z Rwy 28

NA when local weather not available.

NAME ALTERNATE MINIMUMS

**ELMIRA/CORNING, NY**

ELMIRA/CORNING  
RGNL (ELM).....ILS or LOC Rwy 6<sup>12</sup>  
ILS or LOC Rwy 24<sup>12</sup>  
RNAV (GPS) Rwy 6<sup>3</sup>  
RNAV (GPS) Rwy 10<sup>4</sup>  
RNAV (GPS) Rwy 24<sup>5</sup>  
RNAV (GPS) Rwy 28<sup>6</sup>

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Categories A, B, 1200-2;  
Category C, 1200-3, Category D, 1400-3.  
<sup>3</sup>Categories A, B, C, 1200-5; Category D, 1400-5.  
<sup>4</sup>Categories A, B, 1400-2; Categories C, D, 1400-3.  
<sup>5</sup>Categories A, B, 1200-2¼; Category C, 1200-3;  
Category D, 1400-3.  
<sup>6</sup>Category A, 1100-2; Category B, 1200-2;  
Category C, 1200-3, Category D, 1400-3.

**FARMINGDALE, NY**

REPUBLIC (FRG).....ILS or LOC Rwy 14<sup>13</sup>  
RNAV (GPS) Rwy 1<sup>2</sup>  
RNAV (GPS) Y Rwy 14<sup>2</sup>  
RNAV (GPS) Rwy 19<sup>2</sup>  
RNAV (GPS) Rwy 32<sup>2</sup>

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

**FULTON, NY**

OSWEGO  
COUNTY (FZY).....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 24  
RNAV (GPS) Rwy 33

NA when local weather not available.

**GLENS FALLS, NY**

FLOYD BENNETT  
MEML (GFL).....ILS or LOC Rwy 1<sup>1</sup>  
RNAV (GPS) Rwy 12<sup>4</sup>  
RNAV (GPS) Rwy 19<sup>34</sup>  
RNAV (GPS) Rwy 30<sup>2</sup>

<sup>1</sup>LOC, Category D, 1200-3.  
<sup>2</sup>Category D, 1700-3.  
<sup>3</sup>Category D, 1100-3.  
<sup>4</sup>NA when local weather not available.

**ITHACA, NY**

ITHACA TOMPKINS  
INTL (ITH).....ILS or LOC Rwy 32<sup>123</sup>  
RNAV (GPS) Y Rwy 14<sup>14</sup>  
RNAV (GPS) Z Rwy 14<sup>1</sup>  
RNAV (GPS) Rwy 32<sup>5</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when tower closed.  
<sup>3</sup>LOC, Categories A, B, 1100-2;  
Category C, 1100-3; Category D, 1400-3.  
<sup>4</sup>Category D, 800-2¼.  
<sup>5</sup>Categories A, B, 1300-2; Categories C, D, 1300-3.

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**JAMESTOWN, NY**

CHAUTAUQUA COUNTY/  
JAMESTOWN (JHW).....RNAV (GPS) Rwy 7  
RNAV (GPS) Rwy 25  
NA when local weather not available.

**JOHNSTOWN, NY**

FULTON COUNTY (NY0).....RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 28  
NA when local weather not available.

**MASSENA, NY**

MASSENA INTL-RICHARDS  
FLD (MSS).....RNAV (GPS) Rwy 5<sup>1</sup>  
RNAV (GPS) Rwy 9  
RNAV (GPS) Rwy 23  
RNAV (GPS) Rwy 27  
NA when local weather not available.  
<sup>1</sup>Categories A, B, C, D, 800-2½.

**MILLVILLE, NJ**

MILLVILLE MUNI (MIV).....ILS or LOC Rwy 10<sup>1</sup>  
RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 14  
VOR-A  
NA when local weather not available.  
<sup>1</sup>ILS, LOC, Categories A, B, 900-2; Category C, 900-2¾, Category D, 900-3.

**MONTGOMERY, NY**

ORANGE  
COUNTY (MGJ).....RNAV (GPS) Rwy 4<sup>1</sup>  
RNAV (GPS) Rwy 8<sup>2</sup>  
RNAV (GPS) Rwy 22<sup>3</sup>  
RNAV (GPS) Rwy 26<sup>3</sup>  
VOR Rwy 8<sup>3</sup>  
<sup>1</sup>Categories A, B, 900-2; Category C, 900-2¼;  
Category D, 900-2¾.  
<sup>2</sup>Categories A, B, 800-2½; Category C, 900-2½;  
Category D, 900-2¾.  
<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 900-2¾.

**MONTICELLO, NY**

SULLIVAN COUNTY  
INTL (MSV).....ILS or LOC Rwy 15<sup>12</sup>  
RNAV (GPS) Rwy 15<sup>3</sup>  
RNAV (GPS) Rwy 33<sup>3</sup>  
NA when local weather not available.  
<sup>1</sup>NA when MSV ACTC closed.  
<sup>2</sup>LOC, Category D, 800-2½.  
<sup>3</sup>Category D, 800-2½.

NAME ALTERNATE MINIMUMS

**MORRISTOWN, NJ**

MORRISTOWN  
MUNI (MMU).....ILS or LOC Rwy 23<sup>12</sup>  
RNAV (GPS) Rwy 5<sup>3</sup>  
RNAV (GPS) Z Rwy 23<sup>3</sup>  
NA when local weather not available.  
<sup>1</sup>NA when tower closed.  
<sup>2</sup>LOC, Category C, 900-2½, Category D, 1100-3.  
<sup>3</sup>Category C, 900-2½, Category D, 1100-3.

**MOUNT HOLLY, NJ**

SOUTH JERSEY  
RGNL (VAY).....RNAV (GPS) Rwy 8  
NA when local weather not available.

**NEW YORK, NY**

JOHN F KENNEDY  
INTL (JFK).....ILS or LOC Rwy 4L<sup>1</sup>  
ILS or LOC Rwy 13L<sup>1</sup>  
ILS or LOC Rwy 22L<sup>2</sup>  
ILS or LOC Rwy 22R<sup>2</sup>  
RNAV (GPS) Z Rwy 13L<sup>3</sup>  
RNAV (GPS) Z Rwy 13R<sup>4</sup>  
VOR or GPS Rwy 13L/R, 1000-3  
<sup>1</sup>Category D, 800-2¼.  
<sup>2</sup>NA when local weather not available.  
<sup>3</sup>Categories A, B, C, D, 1300-4.  
<sup>4</sup>Categories A, B, C, D, 1000-3.

LAGUARDIA (LGA).....ILS or LOC Rwy 4<sup>1</sup>  
ILS or LOC Rwy 13<sup>2</sup>  
ILS or LOC Rwy 22<sup>2</sup>  
LOC Rwy 31<sup>3</sup>  
RNAV (GPS)-B<sup>3</sup>  
RNAV (GPS) Rwy 13<sup>4</sup>  
RNAV (GPS) X Rwy 22<sup>5</sup>  
RNAV (GPS) X Rwy 31<sup>6</sup>  
RNAV (GPS) Y Rwy 4<sup>5</sup>  
RNAV (GPS) Y Rwy 22<sup>3</sup>  
RNAV (GPS) Y Rwy 31<sup>3</sup>  
VOR Rwy 4<sup>3</sup>

<sup>1</sup>LOC, Category D, 800-2¼.  
<sup>2</sup>LOC, Categories C, D, 1100-3.  
<sup>3</sup>Categories C, D, 1100-3.  
<sup>4</sup>Category C, 1100-3; Category D, 1300-3.  
<sup>5</sup>Category D, 800-2¼.  
<sup>6</sup>Categories A, B, C, D, 1200-4.

LONG ISLAND  
MAC ARTHUR (ISP).....ILS or LOC Rwy 6<sup>124</sup>  
ILS or LOC Rwy 24<sup>123</sup>  
RNAV (GPS) Rwy 6<sup>14</sup>  
RNAV (GPS) Rwy 15R<sup>14</sup>  
RNAV (GPS) Rwy 24<sup>4</sup>  
RNAV (GPS) Rwy 33L<sup>14</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when control tower closed.  
<sup>3</sup>LOC, Category D, 900-2¾.  
<sup>4</sup>Category D, 900-2¾.

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**NEW YORK, NY (CON'T)**

NEW YORK STEWART  
INTL (SWF).....**ILS or LOC Rwy 9<sup>1</sup>**  
**ILS or LOC Rwy 27<sup>1</sup>**  
**RNAV (GPS) Rwy 9<sup>2</sup>**  
**RNAV (GPS) Rwy 16<sup>2</sup>**  
**RNAV (GPS) Rwy 27<sup>2</sup>**  
**RNAV (GPS) Rwy 34<sup>2</sup>**

<sup>1</sup>ILS, Categories A, B, C, 800-2, Category D, 800-2½; LOC, Category D, 800-2½.  
<sup>2</sup>Category D, 800-2½.

**NEWARK, NJ**

NEWARK LIBERTY  
INTL (EWR).....**ILS or LOC Rwy 4L<sup>1</sup>**  
**ILS or LOC Rwy 4R<sup>1</sup>**  
**ILS or LOC Rwy 11<sup>2</sup>**  
**ILS or LOC Rwy 22L<sup>3</sup>**  
**ILS or LOC Rwy 22R<sup>3</sup>**  
**RNAV (GPS) Rwy 4L<sup>4</sup>**  
**RNAV (GPS) Y Rwy 4R<sup>4</sup>**  
**RNAV (GPS) Rwy 11<sup>5</sup>**  
**RNAV (GPS) Z Rwy 22L<sup>6</sup>**  
**RNAV (GPS) Rwy 22R<sup>5</sup>**  
**RNAV (GPS) X Rwy 29<sup>4</sup>**  
**VOR Rwy 11<sup>7</sup>**

<sup>1</sup>ILS, Category A, 800-2; Category B, 900-2; Category C, 900-2½; Category D, 900-3; LOC, Category B, 900-2; Category C, 900-2½; Category D, 900-3.  
<sup>2</sup>ILS, Categories A, B, C, 800-2; Category D, 900-3; LOC, Category D, 900-3.  
<sup>3</sup>LOC, Category C, 900-2½; Category D, 900-3.  
<sup>4</sup>Category B, 900-2; Category C, 900-2½; Category D, 900-3.  
<sup>5</sup>Category D, 900-3.  
<sup>6</sup>Category C, 900-2½; Category D, 900-3.  
<sup>7</sup>Categories A, B, 1000-2; Categories C, D, 1000-3.

**NIAGARA FALLS, NY**

NIAGARA FALLS  
INTL (IAG).....**ILS Y or LOC Y Rwy 28R<sup>12</sup>**  
**ILS Z or LOC Z Rwy 28R<sup>12</sup>**  
**NDB Rwy 28R<sup>13</sup>**  
**RNAV (GPS) Rwy 6<sup>3</sup>**  
**RNAV (GPS) Rwy 10L<sup>3</sup>**  
**RNAV (GPS) Y Rwy 24<sup>4</sup>**  
**RNAV (GPS) Z Rwy 24<sup>3</sup>**  
**RNAV (GPS) Rwy 28R<sup>3</sup>**  
**TACAN Rwy 28R<sup>15</sup>**

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>ILS, LOC, Category D, 800-2½.  
<sup>3</sup>Category D, 800-2½.  
<sup>4</sup>Category C, 800-2½; Category D, 800-2½.  
<sup>5</sup>Category D, 800-2½, Category E 800-2½.

NAME ALTERNATE MINIMUMS

**OGDENSBURG, NY**

OGDENSBURG  
INTL (OGS).....**RNAV (GPS) Rwy 9**  
**RNAV (GPS) Rwy 27<sup>1</sup>**

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

**PENN YAN, NY**

PENN YAN (PEO).....**RNAV (GPS) Rwy 1<sup>1</sup>**  
**RNAV (GPS) Rwy 19<sup>2</sup>**

NA when local weather not available.  
<sup>1</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 1000-3.  
<sup>2</sup>Category C, 900-2½; Category D, 1000-3.

**PITTSTOWN, NJ**

SKY MANOR (N40).....**RNAV (GPS) Rwy 7**  
**RNAV (GPS) Rwy 25**  
**VOR Rwy 7**

NA when local weather not available.

**PLATTSBURGH, NY**

PLATTSBURGH  
INTL (PBG).....**ILS or LOC Rwy 35<sup>1</sup>**  
**RNAV (GPS) Rwy 35<sup>2</sup>**

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

**POTSDAM, NY**

POTSDAM MUNI/DAMON  
FLD (PTD).....**RNAV (GPS) Rwy 24**  
NA when local weather not available.

**POUGHKEEPSIE, NY**

HUDSON VALLEY  
RGNL (POU).....**ILS or LOC Rwy 6<sup>12</sup>**  
**RNAV (GPS) Rwy 6<sup>3</sup>**  
**RNAV (GPS) Rwy 24<sup>3</sup>**  
**VOR-A<sup>3</sup>**  
**VOR Rwy 24<sup>4</sup>**

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category C, 800-2½; Category D, 1000-3.  
<sup>3</sup>Category C, 800-2½; Category D, 1000-3.  
<sup>4</sup>Category C, 800-2½; Category D, 1000-3.



NAME ALTERNATE MINIMUMS

**TRENTON, NJ**

TRENTON  
MERCER (TTN).....ILS or LOC Rwy 6<sup>1</sup>  
RNAV (GPS) Rwy 16<sup>2</sup>  
RNAV (GPS) Rwy 34<sup>2</sup>  
RNAV (GPS) Z Rwy 6<sup>2</sup>  
RNAV (GPS) Z Rwy 24<sup>23</sup>  
VOR or GPS-A<sup>2</sup>

<sup>1</sup>LOC, Category D, 800-2½.

<sup>2</sup>Category D, 800-2½.

<sup>3</sup>NA when local weather not available.

**WATERTOWN, NY**

WATERTOWN  
INTL (ART).....ILS or LOC Rwy 7<sup>1</sup>  
RNAV (GPS) Rwy 7<sup>2</sup>  
RNAV (GPS) Rwy 10<sup>2</sup>  
RNAV (GPS) Rwy 28<sup>23</sup>  
VOR Rwy 7<sup>34</sup>

<sup>1</sup>ILS, Categories A, B, C, 700-2; Category D 800-2½; LOC, Category D, 800-2½.

<sup>2</sup>Category D, 800-2½.

<sup>3</sup>NA when local weather not available.

<sup>4</sup>Category D, 800-2¼.

**WELLSVILLE, NY**

WELLSVILLE MUNI/TARANTINE  
FLD (ELZ).....RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 28

NA when local weather not available.

Category C, 800-2¼; Category D, 1000-3.

**WESTHAMPTON BEACH, NY**

FRANCIS S.  
GABRESKI (FOK).....ILS or LOC Rwy 24<sup>12</sup>  
RNAV (GPS) Rwy 6<sup>34</sup>  
RNAV (GPS) Rwy 24<sup>34</sup>  
TACAN Rwy 6<sup>34</sup>  
TACAN Rwy 24<sup>34</sup>

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

<sup>2</sup>ILS, Category C, 700-2, Category D, 700-2¼; LOC, Category D, 800-2¼.

<sup>3</sup>NA when local weather not available.

<sup>4</sup>Category D, 800-2¼.

**WHEELER-SACK AAF (KGTB)**

FORT DRUM, NY.....RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 33

Category D, 800-2½.

**WHITE PLAINS, NY**

WESTCHESTER  
COUNTY (HPN).....ILS or LOC Rwy 16<sup>12</sup>  
ILS or LOC Rwy 34<sup>12</sup>  
RNAV (GPS) Y Rwy 16<sup>3</sup>  
RNAV (GPS) Y Rwy 34<sup>3</sup>

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

<sup>2</sup>LOC, Category D, 800-2½.

<sup>3</sup>Category D, 800-2½.

NAME ALTERNATE MINIMUMS

**WILDWOOD, NJ**

CAPE MAY  
COUNTY (WWD).....RNAV (GPS) Rwy 1  
RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 19  
RNAV (GPS) Rwy 28  
VOR-A

Category D, 1000-3.

**WILLIAMSON/SODUS, NY**

WILLIAMSON/SODUS  
(SDC).....RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 28

NA when local weather not available.

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