

INSTRUMENT APPROACH PROCEDURE CHARTS

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.

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	
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 1¹²**
ILS or LOC Rwy 19¹²
RNAV (GPS) Rwy 10²³
RNAV (GPS) Rwy 28²³
RNAV (GPS) Y Rwy 1²³
RNAV (GPS) Y Rwy 19²³
VOR Rwy 28³

¹LOC, Category D, 800-2½.

²NA when local weather not available.

³Category 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/DME Rwy 31¹**
ILS Z or LOC Z Rwy 13²
RNAV (GPS) Rwy 4³
RNAV (GPS) Rwy 22³
RNAV (GPS) Y Rwy 13³
RNAV (GPS) Y Rwy 31³
VOR Rwy 4³
VOR Rwy 31³

¹ILS, Category E, 700-2½. LOC, Category E, 800-2½.

²LOC, Category E, 800-2½.

³Category E, 800-2½.

BATAVIA, NY

GENESEE
COUNTY (GVQ).....**ILS or LOC Rwy 28¹**
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 28²
VOR/DME-A²

NA when local weather not available.

¹ILS, LOC, Category C, 900-2½;

Category D, 900-2½.

²Category C, 900-2½; Category D, 900-2½.

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NAME ALTERNATE MINIMUMS

BELMAR/FARMINGDALE, NJ

MONMOUTH
EXEC (BLM).....RNAV (GPS) Rwy 14¹
RNAV (GPS) Rwy 32¹
RNAV (GPS) Z Rwy 32
VOR-A¹

NA when local weather not available.

¹Category D, 800-2¼.

BINGHAMTON, NY

GREATER BINGHAMTON/EDWIN A
LINK FLD (BGM).....ILS or LOC Rwy 16¹
ILS or LOC Rwy 34¹
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 28
RNAV (GPS) Rwy 34

NA when local weather not available.

¹NA when control tower closed.

CALDWELL, NJ

ESSEX COUNTY (CDW).....RNAV (GPS) Rwy 4¹²
RNAV (GPS) Rwy 10¹
RNAV (GPS) Rwy 22²³

¹Category B, 900-2; Category C, 1000-2¾;
Category D, 1300-3.

²NA when local weather not available.

³Category B, 900-2; Category C, 1000-2¾.

CORTLAND, NY

CORTLAND COUNTY/CHASE
FLD (N03).....RNAV (GPS) Rwy 6¹
RNAV (GPS) Rwy 24¹
VOR-A²

NA when local weather not available.

¹Category C, 1100-3.

²Categories A, B, 1100-2, Category C, 1200-3.

DANSVILLE, NY

DANSVILLE 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)-A¹
RNAV (GPS)-B¹
RNAV (GPS) Rwy 15¹
RNAV (GPS) Rwy 33²

NA when local weather not available.

¹Category C, 1000-2¾; Category D, 1500-3.

²Categories A, B, 1200-2; Category C, 1200-3;

Category D, 1500-3.

NAME ALTERNATE MINIMUMS

EAST HAMPTON, NY

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

NA when local weather not available.

ELMIRA/CORNING, NY

ELMIRA/CORNING
RGNL (ELM).....ILS or LOC Rwy 6¹²
ILS or LOC Rwy 24¹²
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 10⁴
RNAV (GPS) Rwy 24⁵
RNAV (GPS) Rwy 28⁶

NA when local weather not available.

¹NA when control tower closed.

²LOC, Categories A, B, 1200-2;

Category C, 1200-3, Category D, 1400-3.

³Categories A, B, C, 1200-5; Category D, 1400-5.

⁴Categories A, B, 1400-2; Categories C, D, 1400-3.

⁵Categories A, B, 1200-2¾; Category C, 1200-3;

Category D, 1400-3.

⁶Category A, 1100-2; Category B, 1200-2;

Category C, 1200-3, Category D, 1400-3.

FARMINGDALE, NY

REPUBLIC (FRG).....ILS or LOC Rwy 14¹³
RNAV (GPS) Rwy 1²
RNAV (GPS) Y Rwy 14²
RNAV (GPS) Rwy 19²
RNAV (GPS) Rwy 32²

NA when local weather not available.

¹LOC, Category C, 800-2¾; Category D, 1000-3.

²Category C, 800-2¾; Category D, 1000-3.

³ILS, 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 1¹
RNAV (GPS) Rwy 12⁴
RNAV (GPS) Rwy 19³⁴
RNAV (GPS) Rwy 30²

¹LOC, Category D, 1200-3.

²Category D, 1700-3.

³Category D, 1100-3.

⁴NA when local weather not available.

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NAME ALTERNATE MINIMUMS

ITHACA, NY

ITHACA TOMPKINS
INTL (ITH).....**ILS or LOC Rwy 32¹²**
RNAV (GPS) Y Rwy 14³
RNAV (GPS) Z Rwy 14
RNAV (GPS) Rwy 32⁴

NA when local weather not available.
¹NA when tower closed.
²LOC, Categories A, B, 1100-2;
Category C, 1100-3; Category D, 1400-3.
³Category D, 800-2½.
⁴Categories A, B, 1300-2; Category C, 1300-3;
Category D, 1400-3.

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 5¹**
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 27
NA when local weather not available.
¹Categories A, B, C, D, 800-2½.

MILLVILLE, NJ

MILLVILLE MUNI (MIV).....**ILS or LOC Rwy 10¹**
RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 14
VOR-A
NA when local weather not available.
¹ILS, LOC, Categories A, B, 900-2; Category C,
900-2¾, Category D, 900-3.

MONTGOMERY, NY

ORANGE COUNTY (MGJ).....**ILS or LOC Rwy 4¹**
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 8^{3,4}
RNAV (GPS) Rwy 22⁴
RNAV (GPS) Rwy 26⁴
VOR Rwy 8⁴
¹LOC, Categories A, B, 900-2; Category C, 900-2¾;
Category D, 900-2¾.
²Categories A, B, 900-2; Category C, 900-2¼;
Category D, 900-2¾.
³NA when local weather not available.
⁴Categories A, B, 900-2; Category C, 900-2¼;
Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

MONTICELLO, NY

SULLIVAN COUNTY
INTL (MSV).....**ILS or LOC Rwy 15¹**
RNAV (GPS) Rwy 15²
RNAV (GPS) Rwy 33²

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

MORRISTOWN, NJ

MORRISTOWN
MUNI (MMU).....**ILS or LOC Rwy 23¹²**
RNAV (GPS) Rwy 5³
RNAV (GPS) Z Rwy 23³

NA when local weather not available.
¹NA when tower closed.
²LOC, Category C, 900-2½, Category D, 1100-3.
³Category 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 4L¹**
ILS or LOC Rwy 13L¹
ILS or LOC Rwy 22L²
ILS or LOC Rwy 22R²
RNAV (GPS) Z RWY 13L³
RNAV (GPS) Z RWY 13R⁴
VOR or GPS Rwy 13L/R, 1000-3

¹Category D, 800-2¾.
²NA when local weather not available.
³Categories A, B, C, D, 1300-2.
⁴Categories A, B, C, D, 1000-3.

LAGUARDIA (LGA).....**ILS or LOC Rwy 4¹**
ILS or LOC Rwy 13²
ILS or LOC Rwy 22²
LOC Rwy 31³
RNAV (GPS) X Rwy 22³
RNAV (GPS) X Rwy 31⁴
RNAV (GPS) Y Rwy 4³
RNAV (GPS) Y Rwy 22⁵
RNAV (GPS) Y Rwy 31³
RNAV (GPS) Z Rwy 13⁶
RNAV (GPS) Z Rwy 31³

¹LOC, Category D, 800-2¾.
²LOC, Categories C, D, 1100-3.
³Category D, 800-2¾.
⁴Categories A, B, C, D, 1200-4.
⁵Categories C, D, 1100-3.
⁶Category C, 1100-3; Category D, 1300-3.

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NAME ALTERNATE MINIMUMS

NEW YORK, NY (CON'T)

LONG ISLAND

MAC ARTHUR (ISP).....ILS or LOC Rwy 6¹²⁴ILS or LOC Rwy 24¹²³RNAV (GPS) Rwy 6¹⁴RNAV (GPS) Rwy 15R¹⁴RNAV (GPS) Rwy 24⁴RNAV (GPS) Rwy 33L¹⁴¹NA when local weather not available.²NA when control tower closed.³LOC, Category D, 900-2 $\frac{1}{4}$.⁴Category D, 900-2 $\frac{1}{4}$.**NEW YORK STEWART**INTL (SWF).....ILS or LOC Rwy 9¹ILS or LOC Rwy 27¹RNAV (GPS) Rwy 9²RNAV (GPS) Rwy 16²RNAV (GPS) Rwy 27²RNAV (GPS) Rwy 34²¹ILS, Categories A, B, C, 800-2, Category D, 800-2 $\frac{1}{4}$; LOC, Category D, 800-2 $\frac{1}{4}$.²Category D, 800-2 $\frac{1}{4}$.**NEWARK, NJ**

NEWARK LIBERTY

INTL (EWR).....ILS or LOC Rwy 4R¹ILS or LOC Rwy 11²ILS or LOC Rwy 22L¹ILS or LOC Rwy 22R¹ILS Z or LOC Z Rwy 4L¹RNAV (GPS) Rwy 4L³RNAV (GPS) Rwy 11³RNAV (GPS) Rwy 22R³RNAV (GPS) T Rwy 29⁴RNAV (GPS) W Rwy 29⁵RNAV (GPS) X Rwy 29⁶RNAV (GPS) Y Rwy 4R³RNAV (GPS) Z Rwy 22L³¹LOC, Category C, 900-2 $\frac{3}{4}$; Category D, 900-3.²LOC, Category C, 900-2 $\frac{1}{2}$; Category D, 900-2 $\frac{3}{4}$.³Category C, 900-2 $\frac{3}{4}$; Category D, 900-3.⁴Categories A, B, C, D, 1300-4.⁵Categories A, B, C, D, 1000-3.⁶Category B, 900-2; Category C, 900-2 $\frac{3}{4}$;

Category D, 900-3.

NAME ALTERNATE MINIMUMS

NIAGARA FALLS, NY

NIAGARA FALLS

INTL (IAG).....ILS Y or LOC Y Rwy 28R¹²ILS Z or LOC Z Rwy 28R¹²NDB Rwy 28R¹³RNAV (GPS) Rwy 6³RNAV (GPS) Rwy 10L³RNAV (GPS) Y Rwy 24⁴RNAV (GPS) Z Rwy 24³RNAV (GPS) Rwy 28R³TACAN Rwy 28R¹⁵

NA when local weather not available.

¹NA when control tower closed.²ILS, 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 $\frac{1}{2}$.⁵Category D, 800-2 $\frac{1}{2}$; Category E 800-2 $\frac{3}{4}$.**OGDENSBURG, NY**

OGDENSBURG

INTL (OGS).....RNAV (GPS) Rwy 9

RNAV (GPS) Rwy 27

NA when local weather not available.

Category D, 800-2 $\frac{1}{4}$.**PENN YAN, NY**

PENN YAN/

YATES COUNTY (PEO).....RNAV (GPS) Rwy 1¹RNAV (GPS) Rwy 19²

NA when local weather not available.

¹Categories A, B, 900-2; Category C, 900-2 $\frac{1}{2}$;

Category D, 1000-3.

²Category C, 900-2 $\frac{1}{2}$; 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 35¹RNAV (GPS) Rwy 17²RNAV (GPS) Rwy 35³

NA when local weather not available.

¹LOC, Category D, 800-2 $\frac{1}{4}$.²Category D, 800-2 $\frac{1}{4}$; Category E, 900-3.³Category D, 800-2 $\frac{1}{4}$.**POTSDAM, NY**

POTSDAM MUNI/DAMON

FLD (PTD).....RNAV (GPS) Rwy 24

NA when local weather not available.

NAME ALTERNATE MINIMUMS

POUGHKEEPSIE, NY

HUDSON VALLEY
RGNL (POU).....**ILS or LOC Rwy 6¹²**
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 24³
VOR-A³
VOR Rwy 24⁴

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

ROCHESTER, NY

FREDERICK DOUGLASS/GREATER
ROCHESTER INTL (ROC).....**ILS or LOC Rwy 4¹**
ILS or LOC Rwy 22²
ILS or LOC Rwy 28³
RNAV (GPS) Rwy 4⁴
RNAV (GPS) Rwy 7⁴
RNAV (GPS) Rwy 10⁴
RNAV (GPS) Rwy 22⁴
RNAV (GPS) Rwy 25⁴
RNAV (GPS) Rwy 28⁴
VOR Rwy 4⁴

¹ILS, LOC, Category C, 1000-2½; Category D, 1000-3.
²LOC, Category C, 1000-2½; Category D, 1000-3.
³ILS, Categories A, B, 700-2; Category C, 1000-2½; Category D, 1000-3. LOC, Category C, 1000-2½; Category D, 1000-3.
⁴Category C, 1000-2½; Category D, 1000-3.

ROME, NY

GRIFFISS INTL (RME).....**ILS or LOC Rwy 33¹²³**
RNAV (GPS) Rwy 15³⁴
RNAV (GPS) Rwy 33⁴

¹NA when control tower closed.
²LOC, Category C, 900-2½; Category D, 1200-3.
³NA when local weather not available.
⁴Category C, 900-2½; Category D, 1200-3.

SARANAC LAKE, NY

ADIRONDACK
RGNL (SLK).....**ILS or LOC Rwy 23¹**
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 9²
RNAV (GPS) Rwy 23³

NA when local weather not available.
¹LOC, Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1100-3.
²Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1100-3.
³Category A, 900-2; Category B, 1000-2; Category C, 1000-3; Category D, 1200-3.

NAME ALTERNATE MINIMUMS

SCHENECTADY, NY

SCHENECTADY
COUNTY (SCH).....**RNAV (GPS) Rwy 4**
NA when local weather not available.
Category C, 800-2½; Category D, 800-3.

SHIRLEY, NY

BROOKHAVEN (HWV).....**ILS or LOC Rwy 6**
RNAV (GPS)-A
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR Rwy 6

NA when local weather not available.

SKANEATELES, NY

SKANEATELES AÉRO
DROME (6B9).....**RNAV (GPS)-A**
RNAV (GPS)-B

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

SOMERVILLE, NJ

SOMERSET (SMQ).....**RNAV (GPS) Rwy 12¹**
RNAV (GPS) Rwy 30²
VOR Rwy 8¹

NA when local weather not available.
¹Category B, 900-2.
²Categories A, B, 900-2.

SUSSEX, NJ

SUSSEX (FWN).....**RNAV (GPS) Rwy 3**
NA when local weather not available.
Categories A, B, 900-2; Category C, 900-2½.

SYRACUSE, NY

SYRACUSE HANCOCK
INTL (SYR).....**ILS or LOC Rwy 10¹**
ILS or LOC Rwy 28¹
RNAV (GPS) Rwy 15²
RNAV (GPS) Rwy 33²
RNAV (GPS) Z Rwy 10²
RNAV (GPS) Z Rwy 28²
VOR Rwy 15²
TACAN Rwy 33²

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

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NAME ALTERNATE MINIMUMS

TETERBORO, NJ

TETERBORO (TEB).....ILS or LOC Rwy 19¹
ILS Z or LOC Z Rwy 6¹
RNAV (GPS) Rwy 24²³
RNAV (GPS) X Rwy 6³
RNAV (GPS) X Rwy 19⁴
RNAV (GPS) Y Rwy 6³
RNAV (GPS) Y Rwy 19⁵

¹LOC, Category C, 900-2½; Category D, 1100-3.

²NA when local weather not available.

³Category C, 900-2½; Category D, 1100-3.

⁴Categories A, B, 1000-2; Category C, 1000-3;

Category D, 1100-3.

⁵Categories A, B, C, D, 1100-4.

TRENTON, NJ

TRENTON
MERCER (TTN).....ILS or LOC Rwy 6¹
RNAV (GPS) Rwy 16²
RNAV (GPS) Rwy 34²
RNAV (GPS) Z Rwy 6²
RNAV (GPS) Z Rwy 24²³
VOR-A²³

¹LOC, Category D, 800-2½.

²Category D, 800-2½.

³NA when local weather not available.

WATERTOWN, NY

WATERTOWN
INTL (ART).....ILS or LOC Rwy 7¹
RNAV (GPS) Rwy 7²
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 28²³
VOR Rwy 7³⁴

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

²Category D, 800-2½.

³NA when local weather not available.

⁴Category D, 800-2½.

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 24¹²
RNAV (GPS) Rwy 6³⁴
RNAV (GPS) Rwy 24³⁴
TACAN Rwy 6³⁴
TACAN Rwy 24³⁴

¹NA when control tower closed.

²ILS, Category C, 700-2; Category D, 700-2¼;

LOC, Category D, 800-2¼.

³NA when local weather not available.

⁴Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

WHITE PLAINS, NY

WESTCHESTER
COUNTY (HPN).....ILS or LOC Rwy 16¹²
ILS or LOC Rwy 34¹²
RNAV (GPS) Y Rwy 16³
RNAV (GPS) Y Rwy 34³

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

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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