

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, 800-2¼.

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 13¹**
ILS or LOC/DME Rwy 31¹
RADAR-1²
RNAV (GPS) Rwy 4²
RNAV (GPS) Y Rwy 13²
RNAV (GPS) Rwy 22²
RNAV (GPS) Y Rwy 31²
VOR/DME Rwy 22²
VOR Rwy 4²
VOR Rwy 13²
VOR Rwy 31²

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

²Category 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, 900-2¼;

Category D, 900-2½.

²Category C, 900-2¼; Category D, 900-2½.

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NAME ALTERNATE MINIMUMS

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 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 4¹
RNAV (GPS) Rwy 10¹
RNAV (GPS) Rwy 22^{2,3}

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

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.

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

NA when local weather not available.
¹Category C, 1000-2¼; Category D, 1500-3.
²Categories 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^{1,2}
ILS or LOC Rwy 24^{1,2}
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, 1200-2¼; 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 14^{1,3}
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, 800-2¼; Category D, 1000-3.
²Category C, 800-2¼; 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 19^{3,4}
RNAV (GPS) Rwy 30²

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

ITHACA, NY

ITHACA TOMPKINS
INTL (ITH).....ILS or LOC Rwy 32^{1,2,3}
RNAV (GPS) Y Rwy 14^{1,4}
RNAV (GPS) Z Rwy 14¹
RNAV (GPS) Rwy 32⁵

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

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NAME ALTERNATE MINIMUMS

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).....RNAV (GPS) Rwy 4¹
RNAV (GPS) Rwy 8²
RNAV (GPS) Rwy 22³
RNAV (GPS) Rwy 26³
VOR Rwy 8³

¹Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¾.
²Categories A, B, 800-2½; Category C, 900-2½;
Category D, 900-2¾.
³Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¾.

MONTICELLO, NY

SULLIVAN COUNTY
INTL (MSV).....ILS or LOC Rwy 15¹²
RNAV (GPS) Rwy 15³
RNAV (GPS) Rwy 33³

NA when local weather not available.
¹NA when MSV ACTC closed.
²LOC, Category D, 800-2½.
³Category D, 800-2½.

NAME ALTERNATE MINIMUMS

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 22L¹
ILS or LOC Rwy 22R¹
RNAV (GPS) Z Rwy 13L²
RNAV (GPS) Z Rwy 13R²
VOR or GPS Rwy 13L/R, 1000-3

¹NA when local weather not available.
²Categories A, B, C, D, 1300-4
³Categories 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)-B³
RNAV (GPS) Rwy 13⁴
RNAV (GPS) X Rwy 22⁵
RNAV (GPS) X Rwy 31⁶
RNAV (GPS) Y Rwy 4⁵
RNAV (GPS) Y Rwy 22³
RNAV (GPS) Y Rwy 31³
VOR Rwy 4³

¹LOC, Category D, 800-2½.
²LOC, Categories C, D, 1100-3.
³Categories C, D, 1100-3.
⁴Category C, 1100-3; Category D, 1300-3.
⁵Category D, 800-2½.
⁶Categories A, B, C, D, 1200-4.

LONG ISLAND

MAC ARTHUR (ISP).....ILS or LOC Rwy 6¹²⁴
ILS or LOC Rwy 24¹²³
RNAV (GPS) Rwy 6¹⁴
RNAV (GPS) Rwy 15R¹⁴
RNAV (GPS) Rwy 24⁴
RNAV (GPS) Rwy 33L¹⁴

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

NAME ALTERNATE MINIMUMS

NEW YORK, NY (CON'T)

NEW YORK STEWART
INTL (SWF).....**ILS or LOC Rwy 9¹**
ILS or LOC Rwy 27¹
RNAV (GPS) Rwy 9²
RNAV (GPS) Rwy 16²
RNAV (GPS) Rwy 27²
RNAV (GPS) Rwy 34²

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

NEWARK, NJ

NEWARK LIBERTY
INTL (EWR).....**ILS or LOC Rwy 4L⁵**
ILS or LOC Rwy 4R⁵
ILS or LOC Rwy 11¹
ILS or LOC Rwy 22L¹
ILS or LOC Rwy 22R⁵
RNAV (GPS) Rwy 4L⁴
RNAV (GPS) Y Rwy 4R⁴
RNAV (GPS) Rwy 11²
RNAV (GPS) Z Rwy 22L⁴
RNAV (GPS) Rwy 22R²
RNAV (GPS) X Rwy 29⁴
VOR Rwy 11³

¹ILS, Categories A, B, C, 800-2; Category D, 900-3. LOC, Category D, 900-3.
²Category D, 900-3.
³Categories A, B, 1000-2; Categories C, D, 1000-3.
⁴Category B, 900-2; Category C, 900-2½; Category D, 900-3.
⁵ILS, 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.

NIAGARA FALLS, NY

NIAGARA FALLS
INTL (IAG).....**ILS Y or LOC Y Rwy 28R¹²**
ILS Z or LOC Z Rwy 28R¹²
NDB Rwy 28R¹³
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 10L³
RNAV (GPS) Y Rwy 24⁴
RNAV (GPS) Z Rwy 24³
RNAV (GPS) Rwy 28R³
TACAN Rwy 28R¹⁵

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

OGDENSBURG, NY

OGDENSBURG
INTL (OGS).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27¹

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

NAME ALTERNATE MINIMUMS

PENN YAN, NY

PENN YAN (PEO).....**RNAV (GPS) Rwy 1¹**
RNAV (GPS) Rwy 19²

NA when local weather not available.
¹Categories A, B, 900-2; Category C, 900-2½; Category D, 1000-3.
²Category 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 35¹**
RNAV (GPS) Rwy 35²

NA when local weather not available.
¹LOC, Category D, 800-2½.
²Category 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 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 4³**
ILS or LOC Rwy 22³
ILS or LOC Rwy 28¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 7²
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 22²
RNAV (GPS) Rwy 25²
RNAV (GPS) Rwy 28²
VOR Rwy 4²

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

NAME ALTERNATE MINIMUMS

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.

SCHENECTADY, NY

SCHENECTADY
 COUNTY (SCH).....**RNAV (GPS) Rwy 4**
 NA when local weather not available.
 Category C, 800-2¼; Category D, 800-3.

SHIRLEY, NY

BROOKHAVEN (HWV).....**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 AERO
 DROME (6B9).....**RNAV (GPS)-A**
RNAV (GPS)-B

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

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 3¹**
VOR-A²

- NA when local weather not available.
- ¹Categories A, B, 900-2; Category C, 900-2½.
- ²Categories A, B, 1400-2; Category C, 1400-3.

NAME ALTERNATE MINIMUMS

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.

TETERBORO, NJ

TETERBORO (TEB).....**ILS or LOC Rwy 6¹**
ILS or LOC Rwy 19³
RNAV (GPS) Rwy 24²⁴
RNAV (GPS) X Rwy 6⁴
RNAV (GPS) Y Rwy 6⁵
RNAV (GPS) X Rwy 19⁶
RNAV (GPS) Y Rwy 19⁷
RNAV (RNP) Z Rwy 6, 800-2¼
VOR/DME-B⁸
VOR/DME Rwy 6⁵
VOR Rwy 24⁹

- ¹ILS, Categories A, B, 800-2; Category C, 800-2¼; Category D, 900-2½.
- LOC, Category C, 800-2¼; Category D, 900-2½.
- ²NA when local weather not available.
- ³LOC, Category C, 900-2½; Category D, 1100-3.
- ⁴Category C, 900-2½; Category D, 1100-3.
- ⁵Category C, 800-2¼; Category D, 900-2½.
- ⁶Categories A, B, 1000-2; Category C, 1000-3; Category D, 1100-3.
- ⁷Categories A, B, C, D, 1100-4.
- ⁸Categories A, B, 1000-2; Categories C, D, 1000-3.
- ⁹Categories B, C, D, 1000-3.

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 23²³
VOR or GPS-A²

- ¹LOC, Category D, 800-2½.
- ²Category D, 800-2½.
- ³NA when local weather not available.

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NAME ALTERNATE MINIMUMS

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, 800-2¼.

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 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.

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 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.

NAME ALTERNATE MINIMUMS

WILLIAMSON/SODUS, NY

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

NA when local weather not available.

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