

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

APALACHICOLA, FL

APALACHICOLA RGNL-CLEVE RANDOLPH
FLD (AAF).....RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 32

NA when local weather not available.

BARTOW, FL

BARTOW EXEC (BOW).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 9L
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 27R
VOR Rwy 9L¹

NA when local weather not available.

¹Category D, 800-2½.

BOCA RATON, FL

BOCA RATON (BCT).....RNAV (GPS) Rwy 5
RNAV (GPS) Y Rwy 23¹

NA when local weather not available.

¹Category D, 900-2½.

BONIFAY, FL

TRI-COUNTY (BCR).....RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19

NA when local weather not available.

NAME ALTERNATE MINIMUMS

BROOKSVILLE, FL

BROOKSVILLE-TAMPA BAY
RGNL (BKV).....RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 21
RNAV (GPS) Rwy 27

NA when local weather not available.

CHARLOTTE AMALIE, VI

CYRIL E KING (STT) (TIST).....ILS or LOC Rwy 10¹
RNAV (GPS) Rwy 10²
VOR-A³

¹LOC, Category C, 900-2½; Category D, 1500-3.

²Categories A, B, 1200-2½; Categories C, D, 1600-3.

³Categories A, B, C, 1200-3; Category D, 1500-3.

CHRISTIANSTED, ST. CROIX, VI

HENRY E
ROHLSSEN (STX) (TISX).....ILS or LOC Rwy 10¹²
RNAV (GPS) Rwy 10³
VOR Rwy 28⁴⁵

¹ILS, NA when control tower closed.

²LOC, NA.

³Category A, B, 1000-2; Category C, D, 1000-3.

⁴NA when control tower closed.

⁵Category A, B, 900-2; Category C, D, 900-3.

NAME ALTERNATE MINIMUMS

CLEWISTON, FL

AIRGLADES (2IS).....RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

CRESTVIEW, FL

BOB SIKES (CEW).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35
VOR-A¹

NA when local weather not available.

¹Category D, 800-2¼.

CROSS CITY, FL

CROSS CITY (CTY).....RNAV (GPS)-A
RNAV (GPS) Rwy 31

NA when local weather not available.

CRYSTAL RIVER, FL

CRYSTAL RIVER/
DAVIS FLD (CGC).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

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

DAYTONA BEACH, FL

DAYTONA BEACH
INTL (DAB).....ILS or LOC Rwy 7L¹
ILS or LOC Rwy 25R²

NA when control tower closed.

¹ILS, Categories A, B, C, D, 700-2.

²ILS, LOC, Categories A, B, 1100-2;

Category C, D, 1100-3.

DEFUNIAK SPRINGS, FL

DEFUNIAK
SPRINGS (54J).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

DELAND, FL

DELAND MUNI-SIDNEY H
TAYLOR FLD (DED).....RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 30

NA when local weather not available.

DESTIN, FL

DESTIN EXEC (DTS).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

FERNANDINA BEACH, FL

FERNANDINA BEACH
MUNI (FHB).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 22

NA when local weather not available.

NAME ALTERNATE MINIMUMS

FORT LAUDERDALE, FL

FORT LAUDERDALE
EXEC (FXE).....ILS or LOC Rwy 9¹
RNAV (GPS) Rwy 9²
RNAV (GPS) Rwy 27²

NA when local weather not available.

¹LOC, Category C, 800-2¼; Category D, 800-2¼.

²Category C, 800-2¼; Category D, 800-2¼.

FORT LAUDERDALE/HOLLYWOOD

INTL (FLL).....ILS or LOC Rwy 10L¹
ILS or LOC Rwy 10R¹
ILS or LOC Rwy 28L¹
ILS or LOC Rwy 28R¹
RNAV (GPS) Rwy 10R²
RNAV (GPS) Rwy 28L²
RNAV (GPS) Z Rwy 10L²
RNAV (GPS) Y Rwy 28R²
¹LOC, Category C, 800-2¼.

²Category D, 800-2¼.

FORT MYERS, FL

PAGE FLD (FMY).....ILS or LOC Rwy 5¹
RNAV (GPS) Rwy 23
VOR Rwy 13

NA when local weather not available.

¹NA when control tower closed.

SOUTHWEST

FLORIDA INTL (RSW).....ILS or LOC Rwy 6
NA when control tower closed.
LOC, Category E, 800-2¾.

FORT PIERCE, FL

TREASURE COAST
INTL (FPR).....ILS or LOC Rwy 10R¹
RNAV (GPS) Rwy 10R²
RNAV (GPS) Rwy 14²
RNAV (GPS) Rwy 28L²
RNAV (GPS) Rwy 32²

NA when local weather not available.

¹LOC, Category C, 900-2¼; Category D, 900-2¾.

²Category C, 900-2¼; Category D, 900-2¾.

GAINESVILLE, FL

GAINESVILLE
RGNL (GNV).....ILS or LOC Rwy 29
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 25
RNAV (GPS) Rwy 29

NA when local weather not available.

IMMOKALEE, FL

IMMOKALEE RGNL (IMM)....RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME ALTERNATE MINIMUMS

INVERNESS, FL

INVERNESS (INF).....RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19

NA when local weather not available.

JACKSONVILLE, FL

CECIL (VQQ).....ILS or LOC Rwy 36R¹²
RNAV (GPS) Rwy 9R
RNAV (GPS) Rwy 18L
RNAV (GPS) Rwy 27L
RNAV (GPS) Rwy 36R
TACAN Rwy 27L³
VOR Rwy 27L

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category E, 900-3.

³Category E, 900-3.

HERLONG RECREATIONAL (HEG).....NDB-A

NA when local weather not available.

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

JACKSONVILLE EXEC AT

CRAIG (CRG).....ILS or LOC Rwy 32¹²
RNAV (GPS) Rwy 14³
RNAV (GPS) Rwy 32³
VOR Rwy 14⁴

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

⁴Categories C, D, 800-2½.

JACKSONVILLE

INTL (JAX).....ILS Y or LOC Y Rwy 8¹
VOR/DME Rwy 32²

¹LOC, Category E, 800-2½.

²Category E, 800-2½.

KEY WEST, FL

KEY WEST INTL (EYW).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

LAKE CITY, FL

LAKE CITY
GATEWAY (LCQ).....RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 28

NA when local weather not available.

Category D, 800-2½.

NAME ALTERNATE MINIMUMS

LAKELAND, FL

LAKELAND LINDER
INTL (LAL).....ILS or LOC Rwy 10¹²
RNAV (GPS) Rwy 5¹³
RNAV (GPS) Rwy 10¹³
RNAV (GPS) Rwy 23¹³
RNAV (GPS) Rwy 28¹³
RNAV (GPS) Y Rwy 28³
VOR Rwy 10¹³
VOR Rwy 28¹⁴

¹NA when local weather not available.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

⁴Categories C, D, 800-2½.

LAKE WALES, FL

LAKE WALES
MUNI (X07).....RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24

NA when local weather not available.

Category D, 900-2½.

LEESBURG, FL

LEESBURG INTL (LEE).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

NA when local weather not available.

Category D, 800-2½.

LIVE OAK, FL

SUWANNEE
COUNTY (24J).....RNAV (GPS) Rwy 25
NA when local weather not available.

MARATHON, FL

THE FLORIDA KEYS
MARATHON INTL (MTH).....RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25

NA when local weather not available.

MARCO ISLAND, FL

MARCO ISLAND
EXEC (MKY).....RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 35

NA when local weather not available.

Category D, 900-2½.

MARIANNA, FL

MARIANNA MUNI (MAI).....RNAV (GPS) Rwy 18
VOR-A

NA when local weather not available.

Category D, 800-2½.

MAYAGUEZ, PR

EUGENIO MARIA
DE HOSTOS (MAZ) (TJMZ)....RNAV (GPS) Rwy 9
VOR Rwy 9

NA when local weather not available.

Categories A, B, 1100-2; Category C, 1500-3.

NAME ALTERNATE MINIMUMS

MELBOURNE, FL

MELBOURNE ORLANDO

INTL (MLB).....**ILS or LOC Rwy 9R¹²**
LOC BC Rwy 27L¹³
RNAV (GPS) Rwy 9L³
RNAV (GPS) Rwy 9R³
RNAV (GPS) Rwy 27L³
RNAV (GPS) Rwy 27R³
VOR Rwy 9R³
VOR Rwy 27L³
¹NA when control tower closed.

²LOC, Category D, 900-2¼.

³Category D, 900-2¼.

MIAMI, FL

MIAMI EXEC (TMB).....**ILS or LOC Rwy 9R¹**
RNAV (GPS) Rwy 9L
RNAV (GPS) Rwy 9R
RNAV (GPS) Rwy 27L
RNAV (GPS) Rwy 27R

NA when local weather not available.

¹NA when control tower closed.

MIAMI INTL (MIA).....**ILS or LOC Rwy 27**
LOC, Categories A, B, 1300-2;
Categories C, D, 1300-3.

MIAMI-OPA LOCKA

EXEC (OPF).....**ILS or LOC Rwy 9L¹²**
ILS or LOC Rwy 12¹²
ILS or LOC Rwy 27R¹²
RNAV (GPS) Rwy 9L³
RNAV (GPS) Rwy 12³
RNAV (GPS) Rwy 27R³
RNAV (GPS) Rwy 30³

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2¼.

³Category D, 800-2¼.

NAPLES, FL

NAPLES MUNI (APF).....**RNAV (GPS)-A**
RNAV (GPS)-B
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23

NA when local weather not available.

Category D, 900-2¼.

NEW SMYRNA BEACH, FL

NEW SMYRNA BEACH MUNI

(JACK BOLT FLD) (EVB).....**RNAV (GPS) Rwy 2¹**
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25
RNAV (GPS) Rwy 29

NA when local weather not available.

¹Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

OCALA, FL

OCALA INTL-JIM TAYLOR

FLD (OCF).....**ILS or LOC Rwy 36¹**
RNAV (GPS) Rwy 18²
RNAV (GPS) Rwy 36²
VOR Rwy 36²

NA when local weather not available.

¹LOC, Category D, 900-2¼.

²Category D, 900-2¼.

OKEECHOBEE, FL

OKEECHOBEE

COUNTY (OBE).....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 32

NA when local weather not available.

ORLANDO, FL

EXEC (ORL).....**ILS or LOC Rwy 7¹²**
ILS or LOC Rwy 25¹⁴
RNAV (GPS) Rwy 7³
RNAV (GPS) Rwy 25³
¹NA when control tower closed.

²ILS, LOC, Category C, 800-2¼; Category D, 800-2½.

³Category C, 800-2¼; Category D, 800-2½.

⁴LOC, Category C, 800-2¼; Category D, 800-2½.

KISSIMMEE

GATEWAY (ISM).....**ILS or LOC Rwy 15**
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33

NA when local weather not available.

ORLANDO SANFORD

INTL (SFB).....**ILS or LOC Rwy 9L¹²**
ILS or LOC Rwy 9R¹²
ILS or LOC Rwy 27R²
RNAV (GPS) Rwy 9L¹
RNAV (GPS) Rwy 9R¹
RNAV (GPS) Rwy 18¹
RNAV (GPS) Rwy 27L¹
¹NA when local weather not available.

²NA when control tower closed.

ORMOND BEACH, FL

ORMOND BEACH

MUNI (OMN).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 17
RNAV (GPS) Rwy 27

NA when local weather not available.

PALATKA, FL

PALATKA MUNI/LT KAY LARKIN

FLD (28J).....**RNAV (GPS) Rwy 9**

NA when local weather not available.

NAME ALTERNATE MINIMUMS

PALM COAST, FL

FLAGLER EXEC (FIN).....RNAV (GPS) Rwy 6¹
RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 29

Category D, 800-2½.

¹NA when local weather not available.

PANAMA CITY, FL

NORTHWEST FLORIDA BEACHES

INTL (ECP).....ILS or LOC Rwy 16
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34

NA when local weather not available.

NA when control tower closed.

PENSACOLA, FL

PENSACOLA

INTL (PNS).....ILS or LOC Rwy 17¹
LOC Rwy 26²³
RNAV (GPS) Rwy 8³
RNAV (GPS) Rwy 17³
RNAV (GPS) Rwy 26³
RNAV (GPS) Rwy 35³
VOR Rwy 8³

¹LOC, NA when control tower closed; Category D, 800-2½.

²NA when control tower closed.

³Category D, 800-2½.

PERRY, FL

PERRY-FOLEY (FPY).....RNAV (GPS) Rwy 18¹
RNAV (GPS) Rwy 36²

NA when local weather not available.

¹Categories A, B, C, 1000-3; Category D, 900-2½.

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

PLANT CITY, FL

PLANT CITY (PCM).....RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 28

NA when local weather not available.

POMPANO BEACH, FL

POMPANO BEACH

AIRPARK (PMP).....LOC Rwy 15¹
RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 24
RNAV (GPS) Rwy 33

NA when local weather not available.

¹NA when control tower closed.

NAME ALTERNATE MINIMUMS

PUNTA GORDA, FL

PUNTA GORDA (PGD).....ILS or LOC Rwy 4¹²
RNAV (GPS) Rwy 4³
RNAV (GPS) Rwy 15³
RNAV (GPS) Rwy 22³
RNAV (GPS) Rwy 33³

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

QUINCY, FL

QUINCY MUNI (2J9).....RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

ST AUGUSTINE, FL

NORTHEAST FLORIDA

RGNL (SGJ).....ILS or LOC Rwy 31¹²
RNAV (GPS) Rwy 13³
RNAV (GPS) Rwy 31³

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

ST PETERSBURG, FL

ALBERT

WHITTED (SPG).....RNAV (GPS) Rwy 7¹
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 36

NA when local weather not available.

¹Category C, 800-2½.

ST PETERSBURG-CLEARWATER, FL

ST PETE-CLEARWATER

INTL (PIE).....ILS or LOC Rwy 18¹
ILS or LOC Rwy 36²³
RNAV (GPS) Rwy 18⁴
RNAV (GPS) Rwy 36⁴
VOR Rwy 4⁴⁵
VOR Rwy 36⁴

¹LOC, Category E, 1000-3.

²NA when control tower closed.

³ILS, Categories A, B, C, D, 700-2;

Category E, 1000-3; LOC, Category E, 1000-3.

⁴NA when local weather not available.

⁵Categories A, B, 1000-2; Category C, D, 1000-3.

NAME ALTERNATE MINIMUMS

SAN JUAN, PR

LUIS MUNOZ

MARIN INTL (SJU) (TJSJ).....**ILS or LOC Rwy 8¹²**
ILS or LOC Rwy 10²³
NDB Rwy 8²⁴
RNAV (GPS) Rwy 8⁴
RNAV (GPS) Rwy 10⁴
RNAV (GPS) Rwy 26⁴
RNAV (GPS) Rwy 28⁴
VOR or TACAN Rwy 8²⁵
VOR or TACAN Rwy 10²⁵
VOR or TACAN Rwy 26²⁵

¹ILS, LOC, Category D, 1000-3.

²NA when local weather not available.

³ILS, LOC, Category D, E, 1000-3.

⁴Category D, 1000-3.

⁵Category D, E, 1000-3.

SARASOTA/BRADENTON, FL

SARASOTA/BRADENTON

INTL (SRQ).....**ILS or LOC Rwy 14**
ILS or LOC Rwy 32

NA when control tower closed.

SEBRING, FL

SEBRING RGNL (SEF).....**RNAV (GPS) RWY 14¹**
RNAV (GPS) RWY 32

Category D, 900-2¼.

¹NA when local weather not available.

STUART, FL

WITHAM FLD (SUA).....**RNAV (GPS) Rwy 30**

NA when local weather not available.

TALLAHASSEE, FL

TALLAHASSEE

INTL (TLH).....**ILS or LOC Rwy 27¹²**
ILS Z or LOC Z Rwy 36¹³
RADAR-1⁴
RNAV (GPS) Rwy 9⁴
RNAV (GPS) Rwy 18⁴
RNAV (GPS) Rwy 27⁴
RNAV (GPS) Rwy 36⁴
VOR or TACAN Rwy 36⁵
VOR Rwy 18⁴⁶

¹NA when control tower closed.

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

³LOC, Category D, 800-2¼.

⁴Category D, 800-2¼.

⁵Category D, 800-2¼; Category E, 1000-3.

⁶NA when local weather not available.

TAMPA, FL

PETER O

KNIGHT (TPF).....**RNAV (GPS) Rwy 22**
RNAV (GPS) Rwy 36

NA when local weather not available.

NAME

ALTERNATE MINIMUMS

TAMPA, FL (CON'T)

TAMPA EXEC (VDF).....**ILS or LOC Rwy 23¹**
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 18
RNAV (GPS) Rwy 23²

NA when local weather not available.

¹LOC, Category C, 800-2¼.

²Category C, 800-2¼.

TAMPA INTL (TPA).....**ILS or LOC Rwy 1L¹**
ILS or LOC Rwy 19L²³
ILS or LOC Rwy 19R¹
LOC Rwy 1R⁴
RNAV (GPS) Rwy 10⁴
RNAV (GPS) Rwy 19L⁴
RNAV (GPS) Rwy 19R⁵
RNAV (GPS) Rwy 28⁴
RNAV (GPS) Y Rwy 1L⁵
RNAV (GPS) Y Rwy 1R⁵

¹LOC, Categories D, E, 1000-3.

²LOC, Category D, 1000-3.

³NA when local weather not available.

⁴Category D, 1000-3.

⁵Categories D, E, 1000-3.

TITUSVILLE, FL

SPACE FLORIDA LAUNCH AND LANDING

FACILITY (TTS).....**RNAV (GPS) Rwy 15¹**
RNAV (GPS) Rwy 33²³

¹Category C, 1000-2¾, Category D, E, 1000-3.

²NA when local weather not available.

³Categories C, D, E, 1100-3.

SPACE COAST

RGNL (TIX).....**ILS or LOC Rwy 36²**
RNAV (GPS) Rwy 9¹
RNAV (GPS) Y Rwy 18¹
RNAV (GPS) Z Rwy 18²
RNAV (GPS) Rwy 36¹

¹NA when local weather not available.

²NA when control tower closed.

VALKARIA, FL

VALKARIA (X59).....**RNAV (GPS)-A**
RNAV (GPS)-B

NA when local weather not available.

Category D, 800-2¼.

VENICE, FL

VENICE MUNI (VNC).....**RNAV (GPS) Rwy 5**
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 31

NA when local weather not available.

Category D, 1000-3.

