

INSTRUMENT APPROACH PROCEDURE CHARTS

IFR ALTERNATE AIRPORT MINIMUMS

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

⚠️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 **⚠️**NA designation are not listed in this section. **⚠️** 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 |
| ⚠️ 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).

NAMEALTERNATE MINIMUMS

ABINGDON, VA

VIRGINIA HIGHLANDS (VJI).....**LOC Rwy 24¹**
RNAV (GPS) Rwy 6²
RNAV (GPS) Rwy 24²

NA when local weather not available.

¹Categories A, B, 900-2; Category C, 900-2½,

Category D, 1000-3.

²Category C, 800-2½, Category D, 1000-3.

BALTIMORE, MD

BALTIMORE-WASHINGTON INTL THURGOOD
MARSHALL (BWI).....**ILS or LOC Rwy 10¹**
ILS or LOC Rwy 15R¹
ILS or LOC Rwy 28¹
ILS or LOC Rwy 33L¹
RNAV (GPS) Y Rwy 10²
RNAV (GPS) Y Rwy 15R²
RNAV (GPS) Y Rwy 28²
RNAV (GPS) Y Rwy 33L²

¹LOC, Category D, 800-2½.

²Category D, 800-2½.

NAMEALTERNATE MINIMUMS

BALTIMORE, MD (CON'T)

MARTIN STATE (MTN).....**ILS or LOC Rwy 33¹²**
LOC Rwy 15¹³
RNAV (GPS) Rwy 15⁴
RNAV (GPS) Rwy 33⁴
VOR or TACAN Rwy 15⁵

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2½.

³Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2½.

⁴Category D, 800-2½.

⁵Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-3.

BLACKSBURG, VA

VIRGINIA TECH/MONTGOMERY
EXEC (CBG).....**RNAV (GPS) Rwy 13**
RNAV (GPS) Rwy 31

NA when local weather not available.

Category C, 900-2½.

BLACKSTONE, VA

ALLAN C PERKINSON/
BLACKSTONE AAF (BKT).....**NBD-A¹**
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22

NA when local weather not available.

¹Categories A, B, C, 800-3.

NAME ALTERNATE MINIMUMS

BRIDGEWATER, VA

BRIDGEWATER AIR
PARK (VBW).....**RNAV (GPS) Rwy 33**
NA when local weather not available.

BROOKNEAL, VA

BROOKNEAL/CAMPBELL
COUNTY (0V4).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
NA when local weather not available.

BUMPASS, VA

LAKE
ANNA (7W4).....**RNAV (GPS) Rwy 8**
RNAV (GPS) Rwy 26
NA when local weather not available.
Categories A, B, 1100-3.

CAMBRIDGE, MD

CAMBRIDGE-DORCHESTER
RGNL (CGE).....**RNAV (GPS) Rwy 34**
RNAV (GPS)-A
Category D, 800-2½.
NA when local weather not available.

CHARLOTTESVILLE, VA

CHARLOTTESVILLE-
ALBEMARLE (CHO).....**ILS or LOC Rwy 3¹**
RNAV (GPS) Rwy 3²
RNAV (GPS) Y Rwy 21²
RNAV (GPS) Z Rwy 21³
NA when local weather not available.
¹LOC, Category C, 900-2½; Category D, 900-2¾.
²Category C, 900-2½; Category D, 900-2¾.
³Categories A, B, C, D, 1000-4.

CHASE CITY, VA

CHASE CITY
MUNI (CXE).....**RNAV (GPS) Rwy 18¹**
RNAV (GPS) Rwy 36²
NA when local weather not available.
¹Categories A, B, 1100-3.
²Categories A, B, 1000-3.

CHURCHVILLE, MD

HARFORD COUNTY (0W3).....**RNAV (GPS)-B**
NA when local weather not available.

CLARKSVILLE, VA

LAKE COUNTRY
REGIONAL (W63).....**RNAV (GPS)-A**
RNAV (GPS)-B¹
NA when local weather not available.
¹Categories A, B, 1100-3.

NAME ALTERNATE MINIMUMS

CREWE, VA

CREWE
MUNI (W81).....**RNAV (GPS)-A**
RNAV (GPS)-B
NA when local weather not available.
Categories A, B, 1000-3.

CULPEPER, VA

CULPEPER RGNL (CJR).....**LOC Rwy 4**
NDB Rwy 4
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
VOR-A¹
NA when local weather not available.
¹Category D, 800-2½.

CUMBERLAND, MD

GREATER CUMBERLAND
RGNL (CBE).....**LOC/DME Rwy 23¹⁴**
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 23³
NA when local weather not available.
¹Category A, 1000-2; Category B, 1400-2;
Category C 1500-3; Category D 1600-3.
²Category A, 1100-2; Category B, 1400-2;
Category C, 1500-3; Category D, 1600-3.
³Category A, 1100-2; Category B, 1400-2;
Category C, 1500-3.
⁴NA when CBE FBO closed.

DANVILLE, VA

DANVILLE RGNL (DAN).....**ILS or LOC Rwy 2**
RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 20
RNAV (GPS) Rwy 31
NA when local weather not available.

DOVER/CHESWOLD, DE

DELAWARE
AIRPARK (33N).....**RNAV (GPS) Rwy 9**
RNAV (GPS) Rwy 27
VOR Rwy 27
NA when local weather not available.
Category C, 800-2¼; Category D, 800-2½.

DUBLIN, VA

NEW RIVER
VALLEY (PSK).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24
VOR/DME Rwy 6
NA when local weather not available.
Category D, 800-2¼.

EASTON, MD

EASTON/NEWMAM
FLD (ESN).....**ILS or LOC Rwy 4¹**
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 22²
¹ILS, LOC, NA when control tower closed.
²NA when local weather not available.

NAME ALTERNATE MINIMUMS

LURAY, VA

LURAY CAVERNS (LUA).....RNAV (GPS) Rwy 4¹
RNAV (GPS) Rwy 22²
VOR/DME-B³

NA when local weather not available.

¹Categories A, B, 1400-2, Category C, 1400-3.

²Categories A, B, 1000-2, Category C, 1000-2½.

³Categories A, B, 1300-2, Category C, 1300-3.

LYNCHBURG, VA

LYNCHBURG RGNL/PRESTON GLENN
FLD (LYH).....ILS or LOC Rwy 4¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 17³
RNAV (GPS) Rwy 22⁴
RNAV (GPS) Rwy 35³
VOR Rwy 22⁵

¹LOC, Category B, 900-2, Category C, 900-2½,
Category D, 900-2¾.

²Category B, 900-2; Category C, 900-2½;
Category D, 900-2¾.

³Category B, 900-2.

⁴Categories A, B, 1100-2; Categories C, D, 1100-3.

⁵Categories A, B, 900-2; Category C, 900-2½,
Category D, 900-2¾.

MARION/WYTHEVILLE, VA

MOUNTAIN
EMPIRE (MKJ).....RNAV (GPS) Rwy 26
Category C, 1900-3.

MARTINSVILLE, VA

BLUE RIDGE (MTV).....LOC Rwy 31¹
RNAV (GPS) Rwy 13
RNAV (GPS) Rwy 31

Category D, 900-2¾.

NA when local weather not available.

¹NA when MTV FBO closed.

MELFA, VA

ACCOMACK COUNTY (MFV).....LOC Rwy 3
RNAV (GPS) Rwy 21
NA when local weather not available.

MIDDLETOWN, DE

SUMMIT (EVY).....RNAV (GPS) Rwy 17
RNAV (GPS) Y Rwy 35
RNAV (GPS) Z Rwy 35
NA when local weather not available.

NEW MARKET, VA

NEW MARKET (8W2).....RNAV (GPS)-A
RNAV (GPS)-B

Categories A, B, 1100-3.

NA when local weather not available.

NAME ALTERNATE MINIMUMS

NEWPORT NEWS, VA

NEWPORT NEWS/WILLIAMSBURG
INTL (PHF).....ILS or LOC Rwy 7¹²³
ILS or LOC Rwy 25³
LOC Rwy 20¹⁴
RNAV (GPS) Rwy 2⁴
RNAV (GPS) Rwy 7⁴
RNAV (GPS) Rwy 20⁴

¹NA when control tower closed.

²NA when local weather not available.

³LOC, Category D, 800-2¾.

⁴Category D, 800-2¾.

NORFOLK, VA

CHESAPEAKE
RGNL (CPK).....ILS or LOC Rwy 5
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
NA when local weather not available.

HAMPTON ROADS

EXEC (PVG).....RNAV (GPS) Rwy 10
Category C, 800-2¾.

NORFOLK

INTL (ORF).....ILS or LOC Rwy 5¹
ILS or LOC Rwy 23¹
RNAV (GPS) Rwy 14²
RNAV (GPS) Rwy 32²
RNAV (GPS) Z Rwy 5²
RNAV (GPS) Z Rwy 23²
VOR Rwy 14²
VOR/DME Rwy 32²

¹LOC, Category D, 900-2¾.

²Category D, 900-2¾.

OAKLAND, MD

GARRETT
COUNTY (2G4).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27
VOR Rwy 9
NA when local weather not available.

OCEAN CITY, MD

OCEAN CITY
MUNI (OXB).....LOC Rwy 32¹²
RNAV (GPS) Rwy 2
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 32

NA when local weather not available.

¹Category D, 800-2½.

²NA when FBO closed.

ORANGE, VA

ORANGE
COUNTY (OMH).....RNAV (GPS) Rwy 8¹
RNAV (GPS) Rwy 26¹
VOR/DME-A²

NA when local weather not available.

¹Categories A, B, 900-2.

²Categories A, B, 1600-2.

10 JUL 2025 to 07 AUG 2025

NAME ALTERNATE MINIMUMS

PETERSBURG, VA

TRI CITIES EXEC/DINWIDDIE
COUNTY (PTB).....**LOC Rwy 5¹**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 23
VOR Rwy 23

NA when local weather not available.

¹NA when arpt unattended.

PHILLIPS AAF (KAPG)

ABERDEEN PROVING
GROUND, MD.....**RNAV (GPS) Rwy 22**
NA when control tower closed.

QUINTON, VA

NEW KENT
COUNTY (W96).....**RNAV (GPS) Rwy 11**
RNAV (GPS) Rwy 29

NA when local weather not available.

RICHLANDS, VA

TAZEWELL
COUNTY (JFZ).....**LOC/DME Rwy 25**
RNAV (GPS) Rwy 7
RNAV (GPS) Rwy 25

NA when local weather not available.

RICHMOND, VA

RICHMOND INTL (RIC).....**ILS or LOC Rwy 16**
LOC, Categories C, D, 800-2½.

RICHMOND/ASHLAND, VA

HANOVER COUNTY
MUNI (OPF).....**LOC Rwy 16¹**
RNAV (GPS) Rwy 16
RNAV (GPS) Rwy 34¹
VOR Rwy 16

Category D, 900-2¾.

¹NA when local weather not available.

ROANOKE, VA

ROANOKE/BLACKSBURG RGNL
(WOODRUM FLD) (ROA).....**ILS or LOC Rwy 34¹**
LDA Y Rwy 6²
RNAV (GPS) Y Rwy 6³
RNAV (GPS) Y Rwy 24⁴
RNAV (GPS) Y Rwy 34⁵
RNAV (RNP) Z Rwy 34⁶

¹ILS, Categories A, B, C, D, 900-4. LOC,
Categories A, B, 1000-2; Category C, 1300-3;
Category D, 1700-3.

²LDA/GS, Categories A, B, 800-2; Category C,
1300-3; Category D, 1700-3. LDA, Category C
1300-3, Category D, 1700-3.

³Categories A, B, 900-2; Category C, 1300-3;
Category D, 1700-3.

⁴Categories A, B, 1900-2;

Categories C, D, 1900-3.

⁵Categories A, B, C 1500-5; Category D, 1700-5.

⁶Categories A, B, C, D 1000-4.

NAME ALTERNATE MINIMUMS

SALISBURY, MD

SALISBURY-OCEAN CITY
WICOMICO RGNL (SBY).....**ILS or LOC Rwy 32**
RNAV (GPS) Rwy 5
RNAV (GPS) Rwy 14
RNAV (GPS) Rwy 23
RNAV (GPS) Rwy 32
VOR Rwy 5

NA when local weather not available.

SALUDA, VA

HUMMEL FLD (W75).....**RNAV (GPS) Rwy 1**
NA when local weather not available.
Categories A, B, 1100-3.

SOUTH BOSTON, VA

WILLIAM M TUCK (W78).....**RNAV (GPS) Rwy 1**
VOR-A¹

NA when local weather not available.

¹Category C 800-2¼.

SOUTH HILL, VA

MECKLENBURG-
BRUNSWICK RGNL (AVC).....**LOC Rwy 1**
NA when AVC FBO closed.

STAFFORD, VA

STAFFORD
RGNL (RMN).....**ILS or LOC Rwy 33¹**
RNAV (GPS) Rwy 33²

NA when local weather not available.

¹LOC, Category D, 900-2¾.

²Category D, 900-2¾.

STAUNTON/WAYNESBORO/

HARRISONBURG, VA

SHENANDOAH VALLEY
RGNL (SHD).....**ILS or LOC Rwy 5¹**
NDB Rwy 5²
RNAV (GPS) Rwy 5²
RNAV (GPS) Rwy 23²

NA when local weather not available.

¹LOC, Category D, 900-2¾.

²Category D, 900-2¾.

STEVENSVILLE, MD

BAY BRIDGE (W29).....**RNAV (GPS) Rwy 29**
NA when local weather not available.

SUFFOLK, VA

SUFFOLK
EXEC (SFQ).....**RNAV (GPS) Rwy 7**
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 25

NA when local weather not available.

NAME ALTERNATE MINIMUMS

TAPPAHANNOCK, VA

TAPPAHANNOCK/

ESSEX COUNTY (XSA).....RNAV (GPS) Rwy 10
RNAV (GPS) Rwy 28

NA when local weather not available.

WAKEFIELD, VA

WAKEFIELD

MUNI (AKQ).....RNAV (GPS) Rwy 20

Categories A, B, C, D, 1100-3.

WALLOPS ISLAND, VA

WALLOPS FLIGHT

FACILITY (WAL).....RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 10²
RNAV (GPS) Rwy 17²
RNAV (GPS) Rwy 22²
RNAV (GPS) Rwy 28²
RNAV (GPS) Rwy 35²
VOR/DME or TACAN Rwy 10¹
VOR or TACAN Rwy 17²

NA when local weather not available.

¹Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2¾.

²Category D, 900-2¾.

WARRENTON, VA

WARRENTON/

FAUQUIER (HWY).....RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 33
VOR Rwy 15¹

NA when local weather not available.

¹Category D 800-2¼.

WASHINGTON, DC

MANASSAS RGNL/HARRY P DAVIS

FLD (HEF).....ILS or LOC Rwy 16L¹
RNAV (GPS) Rwy 16L²
RNAV (GPS) Rwy 16R²
RNAV (GPS) Rwy 34L²
RNAV (GPS) Rwy 34R²

NA when local weather not available.

¹ILS, Category C, 700-2; Category D, 700-2¼.

²LOC, Category D, 800-2¼.

²Category D, 800-2¼.

RONALD REAGAN WASHINGTON

NTL (DCA).....ILS or LOC Rwy 1¹
LDA Y Rwy 19²
LDA Z Rwy 19³
RNAV (GPS) Rwy 15³
RNAV (GPS) Y Rwy 19⁴
¹LOC, Category B, 900-2; Category C, 900-2¾;

Category D, 900-3.

²Categories A, B, C, D, 1100-3.

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

⁴Categories A, B, C, D, 800-2½.

NAME ALTERNATE MINIMUMS

WASHINGTON, DC (CON'T)

WASHINGTON DULLES

INTL (IAD).....ILS or LOC Rwy 1C¹
ILS or LOC Rwy 1L¹
ILS or LOC Rwy 1R¹
ILS or LOC Rwy 19C¹
ILS or LOC Rwy 19R¹
ILS or LOC/DME Rwy 12²
RNAV (GPS) Rwy 12³
RNAV (GPS) Y Rwy 1C⁴
RNAV (GPS) Y Rwy 1L⁴
RNAV (GPS) Y Rwy 1R⁴
RNAV (GPS) Y Rwy 19R⁴
RNAV (GPS) Y Rwy 19C⁴
RNAV (GPS) Y Rwy 19L⁴
RNAV (GPS) Y Rwy 30⁴
VOR/DME Rwy 12³
¹LOC, Category D, 900-2¾.

²LOC, Category D, 800-2½.

³Category D, 800-2½.

⁴Category D, 900-2¾.

WEST POINT, VA

MIDDLE PENINSULA

RGNL (FYJ).....RNAV (GPS)-B
RNAV (GPS) Rwy 10
VOR-A

NA when local weather not available.

WESTMINSTER, MD

CARROLL COUNTY RGNL/JACK B POAGE

FLD (DMW).....RNAV (GPS) Rwy 34

NA when local weather not available.

WILLIAMSBURG, VA

WALTRIP WILLIAMSBURG

EXEC AIRPORT (JGG).....RNAV (GPS)-C
VOR-B

NA when local weather not available.

Categories A, B, C, 1100-3.

WILMINGTON, DE

NEW CASTLE (ILG).....ILS or LOC Rwy 1¹²
RNAV (GPS) Rwy 1³
RNAV (GPS) Rwy 9³
RNAV (GPS) Rwy 19³
RNAV (GPS) Rwy 27³
VOR Rwy 9⁴
VOR Rwy 27³

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 800-2¼.

³Category D, 800-2¼.

⁴Category C, D, 800-2½.

25163

NAME

ALTERNATE MINIMUMS

NAME

ALTERNATE MINIMUMS

WINCHESTER, VA

WINCHESTER
RGNL (OKV).....**RNAV (GPS) Rwy 14¹**
RNAV (GPS) Rwy 32
VOR/DME-A

NA when local weather not available.
¹Category D, 800-2¹/₂.

WISE, VA

LONESOME
PINE (LNP).....**RNAV (GPS) Rwy 6**
RNAV (GPS) Rwy 24

NA when local weather not available.
Category D, 900-2³/₄.

10 JUL 2025 to 07 AUG 2025

10 JUL 2025 to 07 AUG 2025

25163

M7