

INSTRUMENT APPROACH PROCEDURE CHARTS

A IFR ALTERNATE AIRPORT MINIMUMS

Standard alternate minimums for non-precision approaches and approaches with vertical guidance [NDB, VOR, LOC, TACAN, LDA, SDF, VOR/DME, ASR, RNAV (GPS) or RNAV (RNP)] are 800-2. Standard alternate minimums for precision approaches (ILS, PAR, or GLS) are 600-2. Airports within this geographical area that require alternate minimums other than standard or alternate minimums with restrictions are listed below. NA - means alternate minimums are not authorized due to unmonitored facility, absence of weather reporting service, or lack of adequate navigation coverage. Civil pilots see FAR 91. IFR Alternate Minimums: Ceiling and Visibility Minimums not applicable to USA/USN/USAF. Pilots must review the IFR Alternate Minimums Notes for alternate airfield suitability.

NAME ALTERNATE MINIMUMS

ABINGDON, VA

VIRGINIA HIGHLANDS (VJI).....LOC Rwy 24¹²
 RNAV (GPS) Rwy 6¹³
 RNAV (GPS) Rwy 24³

- ¹NA when local weather not available.
²Categories A, B, 900-2, Category C, 900-2½,
 Category D, 1000-3.
³Category C, 800-2¼, Category D, 1000-3.

ANNAPOLIS, MD

LEE (ANP).....RNAV (GPS)-A
 NA when local weather not available.

BALTIMORE, MD

BALTIMORE-WASHINGTON INTL THURGOOD
 MARSHALL (BWI).....ILS or LOC Rwy 10¹
 ILS or LOC Rwy 15R²
 ILS or LOC Rwy 28²
 ILS or LOC Rwy 33L²
 RNAV (GPS) Y Rwy 10³
 RNAV (GPS) Y Rwy 15R³
 RNAV (GPS) Y Rwy 28³
 RNAV (GPS) Y Rwy 33L³

- ¹LOC, Category D, 800-2¼.
²ILS, LOC, Category D, 800-2¼.
³Category D, 800-2¼.

MARTIN STATE (MTN).....LDA Rwy 33¹
 LOC Rwy 15¹²
 RNAV (GPS) Rwy 15
 RNAV (GPS) Rwy 33
 VOR or TACAN Rwy 15³

- NA when local weather not available.
¹NA when control tower closed.
²Categories A, B, 900-2; Category C, 900-2½;
 Category D, 900-2¼.
³Categories A, B, 900-2; Category C, 900-2½;
 Category D, 900-3.

BLACKSBURG, VA

VIRGINIA TECH/MONTGOMERY
 EXECUTIVE (BCB).....RNAV (GPS) Rwy 13
 RNAV (GPS) Rwy 31

- NA when local weather not available.
 Category C, 900-2½.

NAME ALTERNATE MINIMUMS

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.

CAMBRIDGE, MD

CAMBRIDGE-DORCHESTER
 RGNL (CGE).....RNAV (GPS) Rwy 34
 RNAV (GPS)-A¹

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

CHARLOTTESVILLE, VA

CHARLOTTESVILLE-
 ALBEMARLE (CHO).....ILS or LOC Rwy 3²
 RNAV (GPS) Rwy 3³
 RNAV (GPS) Y Rwy 21³
 RNAV (GPS) Z Rwy 21¹

- NA when local weather not available.
¹Categories, A, B, C, D, 1000-4.
²ILS, Categories A, B, 700-2; Category C, 900-2½;
 Category D, 900-2¼. LOC, Category C, 900-2½;
 Category D, 900-2¼.
³Category C, 900-2½; Category D, 900-2¼.

CLARKSVILLE, VA

LAKE COUNTRY
 REGIONAL (W63).....RNAV (GPS)-A
 RNAV (GPS)-B

- NA when local weather not available.

CREWE, VA

CREWE
 MUNI (W81).....RNAV (GPS)-A
 Categories A, B, 1000-3.

NAME ALTERNATE MINIMUMS

CULPEPER, VA

CULPEPER RGNL (CJR).....LOC Rwy 4¹
NDB RWY 4¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 22²
VOR-A²

¹NA when FBO closed.

²NA when local weather not available.

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.

DUBLIN, VA

NEW RIVER
VALLEY (PSK).....RNAV (GPS) Rwy 6
RNAV (GPS) Rwy 24
VOR/DME Rwy 6

NA when local weather not available.

EASTON, MD

EASTON/NEWNAM
FIELD (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.

FARMVILLE, VA

FARMVILLE RGNL (FVX).....NDB Rwy 3¹
RNAV (GPS) Rwy 3
RNAV (GPS) Rwy 21

NA when local weather not available.

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

FELKER AAF (KFAF)

FORT EUSTIS, VA.....RNAV (GPS) Rwy 14
COPTER RNAV (GPS) Rwy 14

NA when control tower closed.

FORT MEADE (ODENTON), MD

TIPTON (FME).....RNAV (GPS) Rwy 28

NA when local weather not available.

NAME ALTERNATE MINIMUMS

FRANKLIN, VA

FRANKLIN
RGNL (FKN).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

FREDERICK, MD

FREDERICK
MUNI (FDK).....ILS or LOC Rwy 23¹²³
RNAV (GPS) Rwy 5¹⁴
RNAV (GPS) Y Rwy 23⁴
RNAV (GPS) Z Rwy 23⁵

¹NA when local weather not available.

²NA when tower closed.

³LOC, Category C, 800-2½; Category D, 900-3.

⁴Category D, 800-2½.

⁵Category C, 800-2¼; Category D, 900-2¾.

FREDERICKSBURG, VA

SHANNON (EZF).....RNAV (GPS) Rwy 24
Categories A, B, C, 1100-3
NA when local weather not available.

FRONT ROYAL, VA

FRONT ROYAL-WARREN
COUNTY (FRR).....RNAV (GPS)-A
NA when local weather not available.
Categories A, B, 1200-2.

GAITHERSBURG, MD

MONTGOMERY COUNTY
AIRPARK (GAI).....RNAV (GPS)-A
RNAV (GPS) Rwy 14
NA when local weather not available.

GALAX/HILLSVILLE, VA

TWIN COUNTY (HLX).....RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19
NA when local weather not available.

GEORGETOWN, DE

DELAWARE
COASTAL (GED).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
VOR Rwy 22

NA when local weather not available.

HAGERSTOWN, MD

HAGERSTOWN RGNL-RICHARD A.
HENSON FIELD (HGR).....ILS or LOC Rwy 9¹²
ILS or LOC Rwy 27¹³
RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27
VOR Rwy 9

NA when local weather not available.

¹NA when control tower closed.

²LOC, Category D, 700-2.

³ILS, Categories A, B, C, D, 700-2.

10 SEP 2020 to 08 OCT 2020

10 SEP 2020 to 08 OCT 2020

NAME ALTERNATE MINIMUMS

HOT SPRINGS, VA

INGALLS FIELD (HSP).....RNAV (GPS) Rwy 7¹
RNAV (GPS) Rwy 25²

NA when local weather not available.
¹Categories A, B, 1000-2; Category C, 1000-2½,
Category D, 1000-3.
²Category C, 800-2¼; Category D, 800-2½.

JONESVILLE, VA

LEE COUNTY (0VG).....RNAV (GPS) Rwy 7¹
RNAV (GPS) Rwy 25²

NA when local weather not available.
¹Category C, 1200-3.
²Categories A, B, 900-2; Category C, 1200-3.

KENBRIDGE, VA

LUNENBURG
COUNTY (W31).....RNAV (GPS)-A
RNAV (GPS)-B¹

NA when local weather not available.
¹Categories A, B, 1100-3.

LAWRENCEVILLE, VA

BRUNSWICK MUNI (LVL).....RNAV (GPS)-A
RNAV (GPS)-B

NA when local weather not available.
Categories A, B, 1100-3.

LEESBURG, VA

LEESBURG
EXECUTIVE (JYO).....RNAV (GPS) Rwy 17
NA when local weather not available.

LEONARDTOWN, MD

ST MARY'S COUNTY
RGNL (2W6).....RNAV (GPS) Rwy 11
RNAV (GPS) Rwy 29¹

Category D, 800-2¼.
¹NA when local weather not available.

LOUISA, VA

LOUISA COUNTY/
FREEMAN FIELD (LKU).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

LURAY, VA

LURAY CAVERNS (LUA).....NDB-A¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 22³
VOR/DME-B⁴

NA when local weather not available.
¹Categories A, B, 1500-2, Category C, 1500-3.
²Categories A, B, 1400-2, Category C, 1400-3.
³Categories A, B, 1000-2, Category C, 1000-2½.
⁴Categories A, B, 1300-2, Category C, 1300-3.

NAME ALTERNATE MINIMUMS

LYNCHBURG, VA

LYNCHBURG RGNL/PRESTON GLENN
FIELD (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, 900-2½.
²Category B, 900-2; Category C, 900-2½;
Category D, 900-2½.
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, 900-2½.

MARION/WYTHEVILLE, VA

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

MARTINSVILLE, VA

BLUE RIDGE (MTV).....RNAV (GPS) Rwy 12
RNAV (GPS) Rwy 30¹

NA when local weather not available.
¹Category D, 800-2¼.

MELFA, VA

ACCOMACK
COUNTY (MFV).....LOC Rwy 3
NA when airport operations closed.

NEW MARKET, VA

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

Categories A, B, 1100-3.
NA when local weather not available.

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, 800-2¼.
⁴Category D, 800-2¼.

NORFOLK, VA

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

10 SEP 2020 to 08 OCT 2020

10 SEP 2020 to 08 OCT 2020

NAME ALTERNATE MINIMUMS

NORFOLK, VA (CON'T)

HAMPTON ROADS
EXECUTIVE (PVG).....RNAV (GPS) Rwy 10
Category C, 800-2¼.

NORFOLK

INTL (ORF).....ILS or LOC Rwy 5¹
ILS or LOC Rwy 23²
RNAV (GPS) Rwy 14³
RNAV (GPS) Z Rwy 5³
RNAV (GPS) Z Rwy 23³
VOR Rwy 14³

¹LOC, Category D, 900-2¼.²ILS, LOC, Category D, 900-2¼.³Category D, 900-2¼.**OAKLAND, MD**

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

OCEAN CITY, MD

OCEAN CITY
MUNI (OXB).....RNAV (GPS) Rwy 2¹
RNAV (GPS) Rwy 32¹²
VOR-A³

¹NA when local weather not available.²Category D, 800-2¼.³Categories A, B, 900-2; Category C, 900-2½;
Category D, 900-2¼.**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.**PETERSBURG, VA**

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.

RICHLANDS, VA

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

RICHMOND, VA

RICHMOND INTL (RIC).....ILS or LOC Rwy 16
LOC, Categories C, D, 800-2¼.

RICHMOND/ASHLAND, VA

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

Category D, 900-2¼.

¹NA when local weather not available.**ROANOKE, VA**

ROANOKE-BLACKSBURG RGNL/WOODRUM
FIELD (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
VOR/DME-A⁷

¹ILS, LOC, Categories A, B, 900-2;

Category C, 1300-3; Category D, 1700-3.

²Categories A, B, 1600-2; Category C, 1600-3;
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 1000-4.⁷Category C, 1300-3; Category D, 1700-3.**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.

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.

NAME ALTERNATE MINIMUMS

STAUNTON-WAYNESBORO-

HARRISONBURG, VA

SHENANDOAH VALLEY

RGNL (SHD).....**ILS or LOC Rwy 5¹**
 NDB Rwy 5
 RNAV (GPS) Rwy 5
 RNAV (GPS) Rwy 23

NA when local weather not available.

¹ILS, Category D, 700-2.

STEVENSVILLE, MD

BAY BRIDGE (W29).....**RNAV (GPS) Rwy 29**

NA when local weather not available.

SUFFOLK, VA

SUFFOLK

EXECUTIVE (SFQ).....**RNAV (GPS) Rwy 7**
 RNAV (GPS) Rwy 22
 RNAV (GPS) Rwy 25

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-

FAQUIER (HWY).....**RNAV (GPS) Rwy 15**
 RNAV (GPS) Rwy 33
 VOR Rwy 15¹

NA when local weather not available.

¹Category D 800-2¾.

NAME ALTERNATE MINIMUMS

WASHINGTON, DC

MANASSAS RGNL/HARRY P DAVIS

FIELD (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, 700-2½.

LOC, Category D, 800-2¾.

²Category D, 800-2¾.

RONALD REAGAN WASHINGTON

NATIONAL (DCA).....**ILS or LOC Rwy 1¹**
 LDA Y Rwy 19²
 LDA Z Rwy 19³
 RNAV (GPS) Rwy 15⁴
 RNAV (GPS) Rwy 33⁴

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

²LDA, Categories A, B, C, D, 1100-3.

³Category C, 900-2; Category D, 900-3.

⁴Category C, 900-2½; Category D, 900-3.

WASHINGTON

DULLES INTL (IAD).....**ILS or LOC/DME Rwy 10C¹**
 ILS or LOC/DME Rwy 11¹
 ILS or LOC/DME Rwy 12¹
 ILS or LOC/DME Rwy 19C¹
 ILS or LOC/DME Rwy 19R¹
 ILS or LOC Rwy 1R¹
 ILS or LOC Rwy 19L¹
 RNAV (GPS) Y Rwy 19R²

¹ILS, Categories A, B, C, D, 700-2.

²Category D, 800-2¾.

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

FIELD (DMW).....**RNAV (GPS) Rwy 34**
NA when local weather not available.

WILLIAMSBURG, VA

WILLIAMSBURG-

JAMESTOWN (JGG).....**RNAV (GPS)-C**
VOR-B

NA when local weather not available.

Categories A, B, C, 1100-3.

10 SEP 2020 to 08 OCT 2020

10 SEP 2020 to 08 OCT 2020

20254

NAME ALTERNATE MINIMUMS

NAME ALTERNATE MINIMUMS

WILMINGTON, DE

NEW CASTLE (ILG).....ILS or LOC Rwy 1¹³
 RNAV (GPS) Rwy 1
 RNAV (GPS) Rwy 9
 RNAV (GPS) Rwy 19
 RNAV (GPS) Rwy 27
 VOR Rwy 9¹
 VOR Rwy 27¹²

NA when local weather not available.

¹NA when control tower closed.

²Category D, 800-2¼.

³LOC, Category D, 800-2¼.

WINCHESTER, VA

WINCHESTER

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

NA when local weather not available.

¹Category D, 800-2½.

WISE, VA

LONESOME

PINE (LNP).....LOC/DME Rwy 24¹²
 RNAV (GPS) Rwy 6¹²
 RNAV (GPS) Rwy 24³

¹NA when local weather not available.

²Category D, 800-2¼.

³Category C, 800-2¼; Category D, 900-2¾.

10 SEP 2020 to 08 OCT 2020

10 SEP 2020 to 08 OCT 2020

20254

M6