

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 24⁴

- 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, 800-2½.
- ⁴Category 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 15R¹**
ILS or LOC Rwy 28¹
ILS or LOC Rwy 33L¹
RNAV (GPS) Y Rwy 15R²
RNAV (GPS) Y Rwy 28²
RNAV (GPS) Y Rwy 33L²

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

MARTIN STATE (MTN).....**LDA Rwy 33¹²**

LOC Rwy 15¹²³
RNAV (GPS) Rwy 15²
RNAV (GPS) Rwy 33²
VOR/DME or TACAN Z Rwy 15³

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

NAME ALTERNATE MINIMUMS

BLACKSBURG, VA

VIRGINIA TECH/MONTGOMERY
EXECUTIVE (BCB).....**RNAV (GPS) Rwy 12¹**
RNAV (GPS) Rwy 30

- NA when local weather not available.
- ¹Category C, 900-2½.

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)-A

- Category D, 800-2½.

CHARLOTTESVILLE, VA

CHARLOTTESVILLE-
ALBEMARLE (CHO).....**ILS or LOC Rwy 3²**
RNAV (GPS) Rwy 3³
RNAV (GPS) Y Rwy 21⁴
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.
- ⁴Category D, 900-2¼.

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NAME ALTERNATE MINIMUMS

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.

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
VOR Rwy 20¹

NA when local weather not available.

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

DUBLIN, VA

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

NA when local weather not available.

NAME ALTERNATE MINIMUMS

EASTON, MD

EASTON/NEWMAM FIELD (ESN).....ILS or LOC Rwy 4¹²
RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 15
RNAV (GPS) Rwy 22
RNAV (GPS) Rwy 33

NA when local weather not available.

¹ILS, LOC, NA when control tower closed.

²ILS Category D, 700-2.

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.....Orig 08297
NDB Rwy 14
COPTER NDB Rwy 14
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.

FRANKLIN, VA

FRANKLIN MUNI-JOHN BEVERLY ROSE (FKN).....RNAV (GPS) Rwy 9
RNAV (GPS) Rwy 27

NA when local weather not available.

FREDERICK, MD

FREDERICK MUNI (FDK).....RNAV (GPS) Rwy 5¹²
RNAV (GPS) Y Rwy 23¹
RNAV (GPS) Z Rwy 23³

¹Category D, 800-2½.

²NA when local weather not available.

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

FREDERICKSBURG, VA

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

GAITHERSBURG, MD

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

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GALAX/HILLSVILLE, VATWIN COUNTY (HLX).....RNAV (GPS) Rwy 1
RNAV (GPS) Rwy 19

NA when local weather not available.

GEORGETOWN, DEDELAWARE
COASTAL (GED).....RNAV (GPS) Rwy 4
RNAV (GPS) Rwy 22
VOR Rwy 22

NA when local weather not available.

HAGERSTOWN, MDHAGERSTOWN 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.**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 (OVG).....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**LAWRENCEVILLE/BRUNSWICK
MUNI (LVL).....RNAV (GPS)-A
RNAV (GPS)-B

NA when local weather not available.

Categories A, B, 1100-3.

NAME ALTERNATE MINIMUMS

LEESBURG, VALEESBURG
EXECUTIVE (JYO).....RNAV (GPS) Rwy 17

NA when local weather not available.

LEONARDTOWN, MDST MARY'S COUNTY
RGNL (2W6).....RNAV (GPS) Rwy 11¹
RNAV (GPS) Rwy 29¹²¹Category D, 800-2¼.²NA 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, VALURAY 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.**LYNCHBURG, VA**LYNCHBURG RGNL/PRESTON GLENN
FIELD (LYH).....ILS or LOC Rwy 4¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 17⁴
RNAV (GPS) Rwy 22²
RNAV (GPS) Rwy 35⁴
VOR/DME Rwy 22³¹ILS, Category A, 800-2; Category B, 900-2,Category C, 900-2½, Category D, 900-2¼. LOC,
Category B, 900-2, Category C, 900-2½, Category
D, 900-2¼.²Category B, 900-2; Category C, 900-2½; Category
D, 900-2¼.³Categories A, B, 900-2; Category C, 900-2½,

Category D, 900-2¼.

⁴Category B, 900-2.**MARION/WYTHEVILLE, VA**MOUNTAIN
EMPIRE (MKJ).....RNAV (GPS) Rwy 26
Category C, 1900-3.

NAME ALTERNATE MINIMUMS

MARTINSVILLE, VABLUE 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 3¹

NA when airport operations closed.

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

Categories A, B, 1100-3.

NA when local weather not available.

NEWPORT NEWS, VANEWPORT NEWS/WILLIAMSBURG
INTL (PHF).....ILS or LOC Rwy 7¹²ILS or LOC Rwy 25¹²LOC Rwy 20¹³RNAV (GPS) Rwy 2³RNAV (GPS) Rwy 7³RNAV (GPS) Rwy 20³RNAV (GPS) Rwy 25³¹NA when control tower closed.²ILS, Category C, 700-2; Category D, 800-2¼;

LOC, Category D, 800-2¼.

³Category D, 800-2¼.**NORFOLK, VA**CHESAPEAKE
RGNL (CPK).....ILS or LOC Rwy 5
RNAV (GPS) Rwy 5

RNAV (GPS) Rwy 23

VOR/DME Rwy 23

NA when local weather not available.

NORFOLKINTL (ORF).....ILS or LOC Rwy 5¹ILS or LOC Rwy 23¹RNAV (GPS) Rwy 14²RNAV (GPS) Z Rwy 5²RNAV (GPS) Z Rwy 23²VOR Rwy 14²¹ILS, LOC, Category D, 900-2¼.²Category D, 900-2¼.**OCEAN CITY, MD**OCEAN CITY
MUNI (OXB).....RNAV (GPS) Rwy 2¹RNAV (GPS) Rwy 32¹²VOR-A³¹NA when local weather not available.²Category D, 800-2¼.³Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2¼.

NAME ALTERNATE MINIMUMS

ORANGE, VAORANGE
COUNTY (OMH).....RNAV (GPS) Rwy 8¹RNAV (GPS) Rwy 26¹VOR/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.....NDB Rwy 22

VOR Rwy 22

VOR/DME Rwy 22

RNAV (GPS) Rwy 22

NA when control tower closed.

RICHLANDS, VATAZEWELL
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

ILS, Categories A, B, 800-2; Category C,
800-2¼; Category D, 800-2½;

LOC, Category C, 800-2¼; Category D,

800-2½.

RICHMOND/ASHLAND, VAHANOVER
COUNTY MUNI (OFF).....RNAV (GPS) Rwy 16RNAV (GPS) Rwy 34²VOR Rwy 16¹

NA when local weather not available.

¹Category C, 800-2¼, Category D, 800-2½.²Category D, 900-2¼.

NAME ALTERNATE MINIMUMS

ROANOKE, VA

ROANOKE-BLACKSBURG RGNL/WOODRUM
FIELD (ROA).....**ILS or LOC Rwy 34¹**
LDA Y Rwy 6²
RNAV (GPS) Rwy 6³
RNAV (GPS) Rwy 24⁴
RNAV (GPS) Rwy 34⁵
VOR/DME-A⁶

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, 1200-2; Category C, 1300-3; Category D, 1700-3.

⁶Category 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.

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 11**
RNAV (GPS) Rwy 29

NA when local weather not available.

NAME ALTERNATE MINIMUMS

SUFFOLK, VA

SUFFOLK
EXECUTIVE (SFQ).....**RNAV (GPS) Rwy 4**
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, 900-2¼; 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 800-2¼.

WASHINGTON, DC

MANASSAS RGNL/HARRY P DAVIS
FIELD (HEF).....**ILS or LOC Rwy 16L¹²**
RNAV (GPS) Rwy 16L¹³
RNAV (GPS) Rwy 16R¹³
RNAV (GPS) Rwy 34L¹³
RNAV (GPS) Rwy 34R³

¹NA when local weather not available

²ILS, Category C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.

³Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

WASHINGTON, DC (CON'T)

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 1C¹**
ILS or LOC/DME Rwy 1L¹
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, 800-2¼.

WEST POINT, VA

MIDDLE PENINSULA
RGNL (FYJ).....**RNAV (GPS) Rwy 10**
RNAV (GPS) Rwy 28
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.

WILMINGTON, DE

NEW CASTLE (ILG).....**ILS or LOC Rwy 1¹**
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.

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, 800-2½.

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.

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