

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

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

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 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 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 900-2¾.

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
 VOR-A

- 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, 900-2¾. LOC, Category C, 900-2½; Category D, 900-2¾.
- ³Category C, 900-2½; Category D, 900-2¾.
- ⁴Category D, 900-2¾.

23 MAY 2019 to 20 JUN 2019

23 MAY 2019 to 20 JUN 2019

19115

NAME ALTERNATE MINIMUMS

CLARKSVILLE, VALAKE COUNTRY
REGIONAL (W63).....RNAV (GPS)-A
RNAV (GPS)-B

NA when local weather not available.

CREWE, VACREWE
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-A²¹NA 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, MDEASTON/NEWMAM
FIELD (ESN).....ILS or LOC Rwy 4¹
RNAV (GPS) Rwy 4²
RNAV (GPS) Rwy 22²¹ILS, 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.....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), MDTIPTON (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, MDFREDERICK
MUNI (FDK).....RNAV (GPS) Rwy 5¹²
RNAV (GPS) Y Rwy 23¹
RNAV (GPS) Z Rwy 23³¹Category D, 800-2½.²NA when local weather not available.³Category C, 800-2¼; Category D, 900-2¼.**FREDERICKSBURG, VA**SHANNON (EFZ).....RNAV (GPS) Rwy 24
Categories A, B, C, 1100-3
NA when local weather not available.**GAITHERSBURG, MD**MONTGOMERY COUNTY
AIRPARK (GAI).....RNAV (GPS)-A
RNAV (GPS) Rwy 14

NA when local weather not available.

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

NA when local weather not available.

23 MAY 2019 to 20 JUN 2019

23 MAY 2019 to 20 JUN 2019

19115

M2

NAME ALTERNATE MINIMUMS

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.**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.

LEESBURG, VA

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

NAME ALTERNATE MINIMUMS

LEONARDTOWN, MD

ST MARY'S COUNTY
RGNL (2W6).....RNAV (GPS) Rwy 11¹
RNAV (GPS) Rwy 29¹²

¹Category 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, 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.**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.

NAME ALTERNATE MINIMUMS

NEW MARKET, VANEW 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 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, 800-2½;

LOC, Category D, 800-2½.

³Category D, 800-2½.**NORFOLK, VA**

CHESAPEAKE

RGNL (CPK).....ILS or LOC Rwy 5

RNAV (GPS) Rwy 5

RNAV (GPS) Rwy 23

NA when local weather not available.

NORFOLK

INTL (ORF).....ILS or LOC Rwy 5¹ILS or LOC Rwy 23²RNAV (GPS) Rwy 14³RNAV (GPS) Z Rwy 5³RNAV (GPS) Z Rwy 23³VOR Rwy 14³¹LOC, Category D, 900-2¾.²ILS, LOC, Category D, 900-2¾.³Category D, 900-2¾.**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, 900-2¾.

ORANGE, VA

ORANGE

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.

NAME ALTERNATE MINIMUMS

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, 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 (OFF).....RNAV (GPS) Rwy 16¹RNAV (GPS) Rwy 34¹²VOR Rwy 16¹¹Category D, 900-2¾.²NA when local weather not available.**ROANOKE, VA**

ROANOKE-BLACKSBURG RGNL/WOODRUM

FIELD (ROA).....ILS or LOC Rwy 34¹LDA Y Rwy 6²RNAV (GPS) Rwy 6³RNAV (GPS) Rwy 24⁴RNAV (GPS) Rwy 34⁵VOR/DME-A⁶¹ILS, 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.

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.

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.

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.

NAME ALTERNATE MINIMUMS

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 800-2¼.

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, 800-2¼.

²Category D, 800-2¼.

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.

