

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

**BINGDON, VA**

VIRGINIA HIGHLANDS (VJI).....**LOC Rwy 24<sup>12</sup>**  
**RNAV (GPS) Rwy 6<sup>13</sup>**  
**RNAV (GPS) Rwy 24<sup>4</sup>**  
**VOR/DME-B<sup>13</sup>**

- <sup>1</sup>NA when local weather not available.
- <sup>2</sup>Categories A, B, 900-2, Category C, 900-2½, Category D, 1000-3.
- <sup>3</sup>Category C, 800-2¼, Category D, 800-2½.
- <sup>4</sup>Category 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 15R<sup>1</sup>**  
**ILS or LOC Rwy 28<sup>1</sup>**  
**ILS or LOC Rwy 33L<sup>1</sup>**  
**RNAV (GPS) Y Rwy 15R<sup>2</sup>**  
**RNAV (GPS) Y Rwy 28<sup>2</sup>**  
**RNAV (GPS) Y Rwy 33L<sup>2</sup>**

- <sup>1</sup>ILS, LOC, Category D, 800-2¼.
- <sup>2</sup>Category D, 800-2¼.

MARTIN STATE (MTN).....**LDA Rwy 33<sup>12</sup>**

**LOC Rwy 15<sup>123</sup>**  
**RNAV (GPS) Rwy 15<sup>2</sup>**  
**RNAV (GPS) Rwy 33<sup>2</sup>**  
**VOR/DME or TACAN Z Rwy 15<sup>3</sup>**

- <sup>1</sup>NA when control tower closed.
- <sup>2</sup>NA when local weather not available.
- <sup>3</sup>Categories 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 12<sup>1</sup>**  
**RNAV (GPS) Rwy 30**

- NA when local weather not available.
- <sup>1</sup>Category 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).....**NDB Rwy 34<sup>1</sup>**  
**RNAV (GPS) Rwy 34<sup>1</sup>**  
**RNAV (GPS)-A**

- Category D, 800-2½.
- <sup>1</sup>NA when local weather not available.

**CHARLOTTESVILLE, VA**

CHARLOTTESVILLE-  
 ALBEMARLE (CHO).....**ILS or LOC Rwy 3<sup>2</sup>**  
**RNAV (GPS) Rwy 3<sup>3</sup>**  
**RNAV (GPS) Y Rwy 21<sup>4</sup>**  
**RNAV (GPS) Z Rwy 21<sup>1</sup>**

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

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

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 4<sup>1</sup>  
NDB Rwy 4<sup>1</sup>  
RNAV (GPS) Rwy 4<sup>2</sup>  
RNAV (GPS) Rwy 22<sup>2</sup>  
VOR-A<sup>2</sup>

<sup>1</sup>NA when FBO closed.

<sup>2</sup>NA when local weather not available.

**CUMBERLAND, MD**

GREATER CUMBERLAND RGNL (CBE).....LOC/DME Rwy 23<sup>14</sup>  
RNAV (GPS) Rwy 5<sup>2</sup>  
RNAV (GPS) Rwy 23<sup>3</sup>

NA when local weather not available.

<sup>1</sup>Category A, 1000-2; Category B, 1400-2; Category C 1500-3, Category D 1600-3.

<sup>2</sup>Category A, 1100-2; Category B, 1400-2; Category C, 1500-3; Category D, 1600-3.

<sup>3</sup>Category A, 1100-2; Category B, 1400-2; Category C, 1500-3.

<sup>4</sup>NA 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 20<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Categories 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 4<sup>12</sup>  
RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 15  
RNAV (GPS) Rwy 22  
RNAV (GPS) Rwy 33

NA when local weather not available.

<sup>1</sup>ILS, LOC, NA when control tower closed.

<sup>2</sup>ILS Category D, 700-2.

**FARMVILLE, VA**

FARMVILLE RGNL (FVX).....NDB Rwy 3<sup>1</sup>  
RNAV (GPS) Rwy 3  
RNAV (GPS) Rwy 21

NA when local weather not available.

<sup>1</sup>Categories 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 5<sup>12</sup>  
RNAV (GPS) Y Rwy 23<sup>1</sup>  
RNAV (GPS) Z Rwy 23<sup>3</sup>

<sup>1</sup>Category D, 800-2½.

<sup>2</sup>NA when local weather not available.

<sup>3</sup>Category 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.

NAME ALTERNATE MINIMUMS

**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 9<sup>12</sup>  
ILS or LOC Rwy 27<sup>13</sup>  
RNAV (GPS) Rwy 9  
RNAV (GPS) Rwy 27  
VOR Rwy 9

NA when local weather not available.

<sup>1</sup>NA when control tower closed.<sup>2</sup>LOC, Category D, 700-2.<sup>3</sup>ILS, Categories A, B, C, D, 700-2.**HOT SPRINGS, VA**INGALLS FIELD (HSP).....RNAV (GPS) Rwy 7<sup>1</sup>  
RNAV (GPS) Rwy 25<sup>2</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, 1000-2; Category C, 1000-2½,  
Category D, 1000-3.<sup>2</sup>Category C, 800-2¼; Category D, 800-2½.**JONESVILLE, VA**LEE COUNTY (OVG).....RNAV (GPS) Rwy 7<sup>1</sup>  
RNAV (GPS) Rwy 25<sup>2</sup>

NA when local weather not available.

<sup>1</sup>Category C, 1200-3.<sup>2</sup>Categories A, B, 900-2; Category C, 1200-3.**KENBRIDGE, VA**LUNENBURG  
COUNTY (W31).....RNAV (GPS)-A  
RNAV (GPS)-B<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Categories 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, 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 29

NA when local weather not available.

Category D, 800-2¼.

**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-A<sup>1</sup>  
RNAV (GPS) Rwy 4<sup>2</sup>  
RNAV (GPS) Rwy 22<sup>3</sup>  
VOR/DME-B<sup>4</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, 1500-2, Category C, 1500-3.<sup>2</sup>Categories A, B, 1400-2, Category C, 1400-3.<sup>3</sup>Categories A, B, 1000-2, Category C, 1000-2½.<sup>4</sup>Categories A, B, 1300-2, Category C, 1300-3.**LYNCHBURG, VA**LYNCHBURG RGNL/PRESTON GLENN  
FIELD (LYH).....ILS or LOC Rwy 4<sup>1</sup>  
RNAV (GPS) Rwy 4<sup>2</sup>  
RNAV (GPS) Rwy 17<sup>4</sup>  
RNAV (GPS) Rwy 22<sup>2</sup>  
RNAV (GPS) Rwy 35<sup>4</sup>  
VOR/DME Rwy 22<sup>3</sup><sup>1</sup>ILS, 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.<sup>2</sup>Category B, 900-2; Category C, 900-2½; Category  
D, 900-2¼.<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½,

Category D, 900-2¼.

<sup>4</sup>Category B, 900-2.**MARION/WYTHEVILLE, VA**MOUNTAIN  
EMPIRE (MKJ).....RNAV (GPS) Rwy 26

Category C, 1900-3.

NAME ALTERNATE MINIMUMS

**MARTINSVILLE, VA**BLUE RIDGE (MTV).....RNAV (GPS) Rwy 12  
RNAV (GPS) Rwy 30<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category D, 800-2¼.**MELFA, VA**ACCOMACK  
COUNTY (MFV).....LOC Rwy 3<sup>1</sup>

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 7<sup>12</sup>ILS or LOC Rwy 25<sup>12</sup>LOC Rwy 20<sup>13</sup>RNAV (GPS) Rwy 2<sup>3</sup>RNAV (GPS) Rwy 7<sup>3</sup>RNAV (GPS) Rwy 20<sup>3</sup>RNAV (GPS) Rwy 25<sup>3</sup><sup>1</sup>NA when control tower closed.<sup>2</sup>ILS, Category C, 700-2; Category D, 800-2¼;

LOC, Category D, 800-2¼.

<sup>3</sup>Category 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.

**OCEAN CITY, MD**OCEAN CITY  
MUNI (OXB).....RNAV (GPS) Rwy 2<sup>1</sup>  
RNAV (GPS) Rwy 32<sup>12</sup>VOR-A<sup>3</sup><sup>1</sup>NA when local weather not available.<sup>2</sup>Category D, 800-2¼.<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½;

Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

**ORANGE, VA**ORANGE  
COUNTY (OMH).....RNAV (GPS) Rwy 8<sup>1</sup>  
RNAV (GPS) Rwy 26<sup>1</sup>  
VOR/DME-A<sup>2</sup>

NA when local weather not available.

<sup>1</sup>Categories A, B, 900-2.<sup>2</sup>Categories A, B, 1600-2.**PETERSBURG, VA**DINWIDDIE  
COUNTY (PTB).....LOC Rwy 5<sup>1</sup>

RNAV (GPS) Rwy 5

RNAV (GPS) Rwy 23

VOR Rwy 23

NA when local weather not available.

<sup>1</sup>NA 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

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, VA**HANOVER  
COUNTY MUNI (OFF).....RNAV (GPS) Rwy 16RNAV (GPS) Rwy 34<sup>2</sup>VOR Rwy 16<sup>1</sup>

NA when local weather not available.

<sup>1</sup>Category C, 800-2¼, Category D, 800-2½.<sup>2</sup>Category D, 900-2¾.

NAME ALTERNATE MINIMUMS

**ROANOKE, VA**

ROANOKE-BLACKSBURG RGNL/WOODRUM  
FIELD (ROA).....**ILS or LOC Rwy 34<sup>1</sup>**  
**LDA Y Rwy 6<sup>2</sup>**  
**RNAV (GPS) Rwy 6<sup>3</sup>**  
**RNAV (GPS) Rwy 24<sup>4</sup>**  
**RNAV (GPS) Rwy 34<sup>5</sup>**  
**VOR/DME-A<sup>6</sup>**

<sup>1</sup>ILS, LOC, Categories A, B, 900-2; Category C, 1300-3; Category D, 1700-3.

<sup>2</sup>Categories A, B, 1600-2; Category C, 1600-3; Category D, 1700-3.

<sup>3</sup>Categories A, B, 900-2; Category C, 1300-3; Category D, 1700-3.

<sup>4</sup>Categories A, B, 1900-2; Categories C, D, 1900-3.

<sup>5</sup>Categories A, B, 1200-2; Category C, 1300-3; Category D, 1700-3.

<sup>6</sup>Category 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-A<sup>1</sup>**

NA when local weather not available.

<sup>1</sup>Category 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 5<sup>1</sup>**  
**NDB Rwy 5**  
**RNAV (GPS) Rwy 5**  
**RNAV (GPS) Rwy 23**

NA when local weather not available.

<sup>1</sup>ILS, 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 4<sup>2</sup>**  
**RNAV (GPS) Rwy 10<sup>2</sup>**  
**RNAV (GPS) Rwy 17<sup>2</sup>**  
**RNAV (GPS) Rwy 22<sup>2</sup>**  
**RNAV (GPS) Rwy 28<sup>2</sup>**  
**RNAV (GPS) Rwy 35<sup>2</sup>**  
**VOR/DME or TACAN Rwy 10<sup>1</sup>**  
**VOR or TACAN Rwy 17<sup>2</sup>**

NA when local weather not available.

<sup>1</sup>Categories A, B, 900-2; Category C, 900-2¼; Category D, 900-2¾.

<sup>2</sup>Category D, 900-2¾.

**WARRENTON, VA**

WARRENTON-  
FAQUIER (HWY).....**RNAV (GPS) Rwy 15**  
**RNAV (GPS) Rwy 33**  
**VOR Rwy 15<sup>1</sup>**

NA when local weather not available.

<sup>1</sup>Category D 800-2¼.

**WASHINGTON, DC**

MANASSAS RGNL/HARRY P DAVIS  
FIELD (HEF).....**ILS or LOC Rwy 16L<sup>12</sup>**  
**RNAV (GPS) Rwy 16L<sup>13</sup>**  
**RNAV (GPS) Rwy 16R<sup>13</sup>**  
**RNAV (GPS) Rwy 34L<sup>13</sup>**  
**RNAV (GPS) Rwy 34R<sup>3</sup>**

<sup>1</sup>NA when local weather not available

<sup>2</sup>ILS, Category C, 700-2; Category D, 700-2¼. LOC, Category D, 800-2¼.

<sup>3</sup>Category D, 800-2¼.

07 DEC 2017 to 04 JAN 2018

07 DEC 2017 to 04 JAN 2018

