

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. **A** 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                              | <b>600-2</b>  | <b>800-2</b>           |
| <b>A</b> Non-Standard or restrictions | As indicated below  | As indicated below     |
| Helicopters                           | For the selected approach:<br>Ceiling: 200' above published ceiling<br>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).

NAME ALTERNATE MINIMUMS

**ABINGDON, VA**

VIRGINIA HIGHLANDS (VJI).....**LOC Rwy 24**<sup>12</sup>  
**RNAV (GPS) Rwy 6**<sup>13</sup>  
**RNAV (GPS) Rwy 24**<sup>3</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, 800-2½, Category D, 1000-3.

**BALTIMORE, MD**

BALTIMORE-WASHINGTON INTL THURGOOD MARSHALL (BWI).....**ILS or LOC Rwy 10**<sup>1</sup>  
**ILS or LOC Rwy 15R**<sup>2</sup>  
**ILS or LOC Rwy 28**<sup>1</sup>  
**ILS or LOC Rwy 33L**<sup>2</sup>  
**RNAV (GPS) Y Rwy 10**<sup>3</sup>  
**RNAV (GPS) Y Rwy 15R**<sup>3</sup>  
**RNAV (GPS) Y Rwy 28**<sup>3</sup>  
**RNAV (GPS) Y Rwy 33L**<sup>3</sup>

<sup>1</sup>LOC, Category D, 800-2½.  
<sup>2</sup>ILS, LOC, Category D, 800-2½.  
<sup>3</sup>Category D, 800-2½.

NAME ALTERNATE MINIMUMS

**BALTIMORE, MD (CON'T)**

MARTIN STATE (MTN).....**ILS or LOC Rwy 33**<sup>12</sup>  
**LOC Rwy 15**<sup>13</sup>  
**RNAV (GPS) Rwy 15**<sup>4</sup>  
**RNAV (GPS) Rwy 33**<sup>4</sup>  
**VOR or TACAN Rwy 15**<sup>5</sup>

NA when local weather not available.  
<sup>1</sup>NA when control tower closed.  
<sup>2</sup>LOC, Category D, 800-2½.  
<sup>3</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-2½.  
<sup>4</sup>Category D, 800-2½.  
<sup>5</sup>Categories A, B, 900-2; Category C, 900-2½; Category D, 900-3.

**BLACKSBURG, VA**

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

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

**BROOKNEAL, VA**

BROOKNEAL/CAMPBELL COUNTY (0V4).....**RNAV (GPS) Rwy 6**  
**RNAV (GPS) Rwy 24**

NA when local weather not available.

NAME ALTERNATE MINIMUMS

**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<sup>1</sup>

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>3</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, 900-2¾. LOC, Category C, 900-2½;  
Category D, 900-2¾.  
<sup>3</sup>Category C, 900-2½; Category D, 900-2¾.

**CHASE CITY, VA**

CHASE CITY  
MUNI (CXE).....RNAV (GPS) Rwy 18<sup>1</sup>  
RNAV (GPS) Rwy 36<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>Categories A, B, 1100-3.  
<sup>2</sup>Categories A, B, 1000-3.

**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  
RNAV (GPS)-B

NA when local weather not available.  
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>23</sup>

<sup>1</sup>NA when FBO closed.  
<sup>2</sup>NA when local weather not available.  
<sup>3</sup>Category D, 800-2½.

NAME ALTERNATE MINIMUMS

**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

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 4<sup>1</sup>  
RNAV (GPS) Rwy 4<sup>2</sup>  
RNAV (GPS) Rwy 22<sup>2</sup>

<sup>1</sup>ILS, LOC, NA when control tower closed.  
<sup>2</sup>NA when local weather not available.

**FARMVILLE, VA**

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

NA when local weather not available.

**FELKER AAF (KFAF)**

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

NA when control tower closed.

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**FORT MEADE (ODENTON), MD**

TIPTON (FME).....RNAV (GPS) Rwy 10  
RNAV (GPS) Rwy 28

NA when local weather not available.  
Category B, 900-2.

**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 23<sup>123</sup>  
RNAV (GPS) Rwy 5<sup>1</sup>  
RNAV (GPS) Y Rwy 23<sup>4</sup>  
RNAV (GPS) Z Rwy 23<sup>5</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>NA when tower closed.  
<sup>3</sup>LOC, Category C, 800-2¼; Category D, 900-3.  
<sup>4</sup>Category D, 800-2¼.  
<sup>5</sup>Category 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.

**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.  
Category D, 800-2¼.

**GEORGETOWN, DE**

DELAWARE  
COASTAL (GED).....RNAV (GPS) Rwy 4  
RNAV (GPS) Rwy 22  
VOR Rwy 22  
NA when local weather not available.

NAME ALTERNATE MINIMUMS

**HAGERSTOWN, MD**

HAGERSTOWN RGNL/RICHARD A  
HENSON FLD (HGR).....ILS or LOC Rwy 9<sup>1</sup>  
ILS or LOC Rwy 27<sup>1</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.

**HOT SPRINGS, VA**

INGALLS FLD (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, 1000-2¼,  
Category D, 1000-3.  
<sup>2</sup>Category C, 800-2¼; Category D, 800-2¼.

**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**

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

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

**LEESBURG, VA**

LEESBURG  
EXEC (JYO).....RNAV (GPS) Rwy 17  
NA when local weather not available.  
Category D, 1000-3.

**LEONARDTOWN, MD**

ST MARYS COUNTY  
RGNL (2W6).....RNAV (GPS) Rwy 11  
Category D, 800-2¼.

**LOUISA, VA**

LOUISA COUNTY/  
FREEMAN FLD (LKU).....RNAV (GPS) Rwy 9  
RNAV (GPS) Rwy 27  
NA when local weather not available.

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**LURAY, VA**

LURAY CAVERNS (LUA).....RNAV (GPS) Rwy 4<sup>1</sup>  
RNAV (GPS) Rwy 22<sup>2</sup>  
VOR/DME-B<sup>3</sup>

NA when local weather not available.  
<sup>1</sup>Categories A, B, 1400-2; Category C, 1400-3.  
<sup>2</sup>Categories A, B, 1000-2; Category C, 1000-2½.  
<sup>3</sup>Categories A, B, 1300-2; Category C, 1300-3.

**LYNCHBURG, VA**

LYNCHBURG RGNL/PRESTON GLENN  
FLD (LYH).....ILS or LOC Rwy 4<sup>1</sup>  
RNAV (GPS) Rwy 4<sup>2</sup>  
RNAV (GPS) Rwy 17<sup>3</sup>  
RNAV (GPS) Rwy 22<sup>4</sup>  
RNAV (GPS) Rwy 35<sup>3</sup>  
VOR Rwy 22<sup>5</sup>

<sup>1</sup>LOC, Category B, 900-2; Category C, 900-2½,  
Category D, 900-2¾.  
<sup>2</sup>Category B, 900-2; Category C, 900-2½;  
Category D, 900-2¾.  
<sup>3</sup>Category B, 900-2.  
<sup>4</sup>Categories A, B, 1100-2; Categories C, D, 1100-3.  
<sup>5</sup>Categories 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 31<sup>1</sup>  
RNAV (GPS) Rwy 13  
RNAV (GPS) Rwy 31

Category D, 900-2¾.  
NA when local weather not available.  
<sup>1</sup>NA when MTV FBO closed.

**MELFA, VA**

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

**MIDDLETOWN, DE**

SUMMIT (EVY).....NDB-A<sup>1</sup>  
RNAV (GPS) Rwy 17  
RNAV (GPS) Y Rwy 35  
RNAV (GPS) Z Rwy 35

NA when local weather not available.  
<sup>1</sup>NA when Wilmington control tower closed.

**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 7<sup>123</sup>  
ILS or LOC Rwy 25<sup>3</sup>  
LOC Rwy 20<sup>14</sup>  
RNAV (GPS) Rwy 2<sup>4</sup>  
RNAV (GPS) Rwy 7<sup>4</sup>  
RNAV (GPS) Rwy 20<sup>4</sup>

<sup>1</sup>NA when control tower closed.  
<sup>2</sup>NA when local weather not available.  
<sup>3</sup>LOC, Category D, 800-2¼.  
<sup>4</sup>Category 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.

**HAMPTON ROADS**

EXEC (PVG).....RNAV (GPS) Rwy 10  
Category C, 800-2¼.

**NORFOLK**

INTL (ORF).....ILS or LOC Rwy 5<sup>1</sup>  
ILS or LOC Rwy 23<sup>1</sup>  
RNAV (GPS) Rwy 14<sup>2</sup>  
RNAV (GPS) Rwy 32<sup>2</sup>  
RNAV (GPS) Z Rwy 5<sup>2</sup>  
RNAV (GPS) Z Rwy 23<sup>2</sup>  
VOR Rwy 14<sup>2</sup>  
VOR/DME Rwy 32<sup>2</sup>

<sup>1</sup>LOC, Category D, 900-2¾.  
<sup>2</sup>Category D, 900-2¾.

**OAKLAND, MD**

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

**OCEAN CITY, MD**

OCEAN CITY  
MUNI (OXB).....LOC Rwy 32<sup>123</sup>  
RNAV (GPS) Rwy 2<sup>1</sup>  
RNAV (GPS) Rwy 14<sup>1</sup>  
RNAV (GPS) Rwy 32<sup>1</sup>  
VOR-A<sup>4</sup>

<sup>1</sup>NA when local weather not available.  
<sup>2</sup>Category D, 800-2½.  
<sup>3</sup>NA when FBO closed.  
<sup>4</sup>Categories A, B, 900-2; Category C, 900-2½;  
Category D, 900-2¾.

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**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**

TRI CITIES EXEC/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.....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 (OPF).....LOC Rwy 16<sup>1</sup>  
RNAV (GPS) Rwy 16  
RNAV (GPS) Rwy 34<sup>1</sup>  
VOR Rwy 16

Category D, 900-2¼.

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

NAME ALTERNATE MINIMUMS

**ROANOKE, VA**

ROANOKE/BLACKSBURG RGNL  
(WOODRUM FLD) (ROA).....ILS or LOC Rwy 34<sup>1</sup>  
LDA Y Rwy 6<sup>2</sup>  
RNAV (GPS) Y Rwy 6<sup>3</sup>  
RNAV (GPS) Y Rwy 24<sup>4</sup>  
RNAV (GPS) Y Rwy 34<sup>5</sup>  
RNAV (RNP) Z Rwy 34<sup>6</sup>  
VOR/DME-A<sup>7</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, C 1500-5; Category D, 1700-5.

<sup>6</sup>Categories A, B, C, D 1000-4.

<sup>7</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.

**STAFFORD, VA**

STAFFORD  
RGNL (RMN).....RNAV (GPS) Rwy 33  
NA when local weather not available.  
Category D, 900-2¼.

**STAUNTON-WAYNESBORO-  
HARRISONBURG, VA**

SHENANDOAH VALLEY  
RGNL (SHD).....ILS or LOC Rwy 5<sup>1</sup>  
NDB Rwy 5<sup>2</sup>  
RNAV (GPS) Rwy 5<sup>2</sup>  
RNAV (GPS) Rwy 23<sup>2</sup>

NA when local weather not available.

<sup>1</sup>LOC, Category D, 900-2¼.

<sup>2</sup>Category D, 900-2¼.

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**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.

**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 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, 900-2½;  
Category D, 900-2¾.  
<sup>2</sup>Category D, 900-2¾.

**WARRENTON, VA**

WARRENTON/  
FAUQUIER (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  
FLD (HEF).....ILS or LOC Rwy 16L<sup>1</sup>  
RNAV (GPS) Rwy 16L<sup>2</sup>  
RNAV (GPS) Rwy 16R<sup>2</sup>  
RNAV (GPS) Rwy 34L<sup>2</sup>  
RNAV (GPS) Rwy 34R<sup>2</sup>

NA when local weather not available.  
<sup>1</sup>ILS, Category C, 700-2; Category D, 700-2¼.  
LOC, Category D, 800-2¼.  
<sup>2</sup>Category D, 800-2¼.

NAME ALTERNATE MINIMUMS

**WASHINGTON, DC (CON'T)**

RONALD REAGAN WASHINGTON  
NTL (DCA).....ILS or LOC Rwy 1<sup>1</sup>  
LDA Y Rwy 19<sup>2</sup>  
LDA Z Rwy 19<sup>3</sup>  
RNAV (GPS) Rwy 15<sup>4</sup>

<sup>1</sup>LOC, Category B, 900-2; Category C, 900-2¾;  
Category D, 900-3.  
<sup>2</sup>LDA, Categories A, B, C, D, 1100-3.  
<sup>3</sup>Category C, 900-2; Category D, 900-3.  
<sup>4</sup>Category C, 900-2¾; Category D, 900-3.

WASHINGTON DULLES

INTL (IAD).....ILS or LOC Rwy 1R<sup>1</sup>  
ILS or LOC Rwy 19L<sup>2</sup>  
ILS or LOC/DME Rwy 1C<sup>1</sup>  
ILS or LOC/DME Rwy 1L<sup>1</sup>  
ILS or LOC/DME Rwy 12<sup>1</sup>  
ILS or LOC/DME Rwy 19C<sup>1</sup>  
ILS or LOC/DME Rwy 19R<sup>1</sup>  
RNAV (GPS) Rwy 1L<sup>3</sup>  
RNAV (GPS) Rwy 12<sup>3</sup>  
RNAV (GPS) Rwy 19R<sup>3</sup>  
RNAV (GPS) Y Rwy 1C<sup>3</sup>  
RNAV (GPS) Y Rwy 1R<sup>3</sup>  
RNAV (GPS) Y Rwy 19C<sup>3</sup>  
RNAV (GPS) Y Rwy 19L<sup>3</sup>  
VOR/DME Rwy 12<sup>3</sup>

<sup>1</sup>LOC, Category D, 800-2½.  
<sup>2</sup>ILS, Categories A, B, C, D, 700-2.  
<sup>3</sup>Category D, 800-2½.

**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**

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

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

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NAME ALTERNATE MINIMUMS

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**WILMINGTON, DE**

- NEW CASTLE (ILG).....ILS or LOC Rwy 1<sup>12</sup>
- RNAV (GPS) Rwy 1<sup>3</sup>
- RNAV (GPS) Rwy 9<sup>3</sup>
- RNAV (GPS) Rwy 19<sup>3</sup>
- RNAV (GPS) Rwy 27<sup>3</sup>
- VOR Rwy 9<sup>3</sup>
- VOR Rwy 27<sup>3</sup>

NA when local weather not available.

<sup>1</sup>NA when control tower closed.

<sup>2</sup>LOC, Category D, 800-2¼.

<sup>3</sup>Category D, 800-2¼.

**WINCHESTER, VA**

WINCHESTER

- RGNL (OKV).....RNAV (GPS) Rwy 14<sup>1</sup>
- RNAV (GPS) Rwy 32
- VOR/DME-A

NA when local weather not available.

<sup>1</sup>Category D, 800-2½.

**WISE, VA**

LONESOME

- PINE (LNP).....RNAV (GPS) Rwy 6
- RNAV (GPS) Rwy 24

NA when local weather not available.

Category D, 900-2¼.

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