US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

# RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

## TERMINAL ROUTES

| FROM | TO | COURSE AND DISTANCE | ALTITUDE |
|---|---|---|---|
| LEKVE (IF/IAF) | ONAFE (TF) (FB) (RNP 1.00) | 112.18 / 4.93 | 1800 |
| ONAFE (FAF) | DUYEV/3.30 NM TO RW11 (TF) (FB) (RNP 0.30) | 112.24 / 1.79 | |
| DUYEV/3.30 NM TO RW11 | RW11 (MAP) (TF) (FO) (RNP 0.30) | 112.24 / 3.30 | |
| RW11 (MAP) | 620 MSL (CA) | 112.24 | 620 |
| 620 MSL | GOFER (DF) (FO) (RNP 1.00) | | 2000 |

## MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW11

CLIMB TO 620 THEN CLIMBING LEFT TURN TO 2000 DIRECT GOFER AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW LEKVE, RT, 148.00 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 112.24 FAF: ONAFE DIST FAF TO MAP: 5.09 THLD: 5.09
4. MIN. ALT: LEKVE 2000, ONAFE 1800, DUYEV/3.30 NM TO RW11 1220*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 1800 GS ALT AT: ONAFE 1800 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 37.4 34:1 IS NOT CLEAR
8. MSA FROM: RW11 2100

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 225.99 INBOUND.
CHART FAS OBST: 269 TREE 381839N/0763343W.
CHART 398 TOWER 381913N/0764009W.
338 AAO 381918N/0763745W.
CHART R-4007.
CHART R-6611A.
CHART R-6613A.
CHART WASHINGTON DC METROPOLITAN ADIZ.
DISTANCE TO THLD FROM 277 HAT: 0.75 NM.
CHART VDP AT 1.07 NM TO RW11*
*LNAV ONLY.
WAAS CHANNEL # 70502
REFERENCE PATH ID: W11A
CHART CIRCLING ICON.
LTP HAE: 9.1 M

MAG VAR: 10W EPOCH YEAR: 1995

## MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | STANDARD @

| CATEGORY =====> | A | | | B | | | C | | | D | | | E | | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|---|
| | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA | DH/MDA | VIS | HAT/HAA |
| LPV DA | 419 | 1 | 277 | 419 | 1 | 277 | 419 | 1 | 277 | 419 | 1 | 277 | | | |
| LNAV/VNAV DA | 503 | 1 | 361 | 503 | 1 | 361 | 503 | 1 | 361 | 503 | 1 | 361 | | | |
| LNAV MDA | 520 | 1 | 378 | 520 | 1 | 378 | 520 | 1 | 378 | 520 | 1 | 378 | | | |
| | | | | | | | | | | | | | | | |
| CIRCLING | 660 | 1 | 518 | 660 | 1 | 518 | 840 | 2 | 698 | 840 | 2 1/4 | 698 | | | |
| | | | | | | | | | | | | | | | |
| | | | | | | | | | | | | | | | |

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 54C (130F). @ CAT D 800-2 1/4
CHART NOTE: RWY 11 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: DME/DME RNP-0.3 NA.
CHART PLANVIEW NOTE: WASHINGTON DC ADIZ, CTC POTOMAC APP CON.

QUALITY 10 CHECKED

| CITY AND STATE | AIRPORT | FACILITY IDENTIFIER | PROCEDURE NO./AMDT NO./EFFECTIVE DATE: | |
|---|---|---|---|---|
| LEONARDTOWN, MD | ELEVATION: 142 TDZE: 142<br>AIRPORT NAME: ST MARY'S COUNTY RGNL | RNAV | RNAV (GPS) RWY 11, AMDT 2<br>29 MARCH 2018 | SUP:<br>AMDT: 1<br>DATED 08/17/2017 |

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## FAS DATA BLOCK INFORMATION

| DATA FIELD | DATA |
|---|---|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | 2W6 |
| RUNWAY | RW11 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W11A |
| LTP/FTP LATITUDE | 381859.6580N |
| LTP/FTP LONGITUDE | 0763325.8505W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00091 |
| FPAP LATITUDE | 381840.6275N |
| FPAP LONGITUDE | 0763135.2500W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00037.4 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1488 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| CRC REMAINDER | 06EE4D2C |

## ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|---|---|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +00432 |
| FPAP ORTHOMETRIC HEIGHT | +00432 |

QUALITY 10 CHECKED