

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

Bearings, headings, courses, tracks 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 feet RVR.

| | | | | |
|----------------------------------|---|---|---|----------------------------|
| <u>AIRPORT ID</u> VJI | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 6 | <u>ORIGINAL/AMENDMENT</u> 2 | <u>CITY</u> ABINGDON | <u>STATE</u> VA |
| <u>AIRPORT ELEVATION</u> 2087 | <u>TDZE</u> 2065 | <u>SUPERSEDED</u> RNAV (GPS) RWY 6 | <u>ORIGINAL/AMENDMENT</u> 1B | <u>DATED</u> 07/16/2020 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 31 OCTOBER 2024 | <u>REQUIRED EFFECTIVE DATE</u> ROUTINE | <u>MAG VAR</u> 5W |
| | | | | <u>EPOCH YEAR</u> 1995 |
| | | | | <u>CANCEL/SUSPEND</u> |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|----------|----------|----------|----------|----------|-------|------|--------|----------|----------|
| HILTO | IAF | HOSED | | TF | FB | 1.00 | 132.86 | 11.94 | 4600 |
| TAKEN | IAF | HOSED | | TF | FB | 1.00 | 042.96 | 18.07 | 4600 |
| HOSED | IF | FOSEK | | TF | FB | 1.00 | 060.89 | 5.90 | 3900 |
| FOSEK | FAF | RW06 | MAP | TF | FO | 0.30 | 060.97 | 5.63 | |
| RW06 | MAP | 2456 MSL | | CA | | | 060.97 | | |
| 2456 MSL | | KURRU | | DF | FO | 1.00 | | | 7300 |

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 7300 DIRECT KURRU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 7300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT HOSED
- FAC: 060.97 FAF: FOSEK DIST FAF TO MAP: 5.63 DIST FAF TO THLD: 5.63
- MIN ALT: HOSED 4600, FOSEK 3900
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 391 HAT: 1.09 GS ANT: MM: IM:
- MIN GP INCPT: 3900 GP ALT AT PFAF: FOSEK 3900
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH: 45.0
- MSA FROM: RW06 7000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT HILTO ON T215 NORTHWEST BOUND.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C OR ABOVE 54°C.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAKEN ON V16 SOUTHWEST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TAKEN ON T424 SOUTHWEST BOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP: 1.73 NM TO RW06.

HOLD E, LT, 265.00 INBOUND.
CHART FAS OBST: 2399 TOWER (51-002000) 364000N/0820516W.
WAAS CHANNEL # 82411
REFERENCE PATH ID: W06A
CHART CIRCLING ICON.
LTP HAE: 597.7 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

| CATEGORY: | A | | | B | | | C | | | D | | | E | | |
|--------------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-------|---------|--------|-----|---------|
| FINAL TYPE | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| LPV DA | 2456 | 1 1/8 | 391 | 2456 | 1 1/8 | 391 | 2456 | 1 1/8 | 391 | 2456 | 1 1/8 | 391 | | | |
| LNAV/VNAV DA | 2528 | 1 3/8 | 463 | 2528 | 1 3/8 | 463 | 2528 | 1 3/8 | 463 | 2528 | 1 3/8 | 463 | | | |
| LNAV MDA | 2660 | 1 | 595 | 2660 | 1 | 595 | 2660 | 1 3/4 | 595 | 2660 | 1 3/4 | 595 | | | |
| CIRCLING | 2860 | 1 | 773 | 2860 | 1 | 773 | 2860 | 2 1/4 | 773 | 3080 | 3 | 993 | | | |



CHANGES - REASONS

1. PREVIOUS P-NOTAM AND NOTAM 2/9347 INCORPORATED INTO AMENDMENT 6.
2. TDZE CHANGED FROM 2068 TO 2065 - RUNWAY 6 THRESHOLD EXTENDED 1030 FEET.
3. TERMINAL ROUTES: HOSED TO FOSEK COURSE/DISTANCE CHANGED FROM 060.90/6.07 TO 060.89/5.90, FOSEK TO RW06 AND RW06 CA LEG COURSE CHANGED FROM 060.96 TO 060.97 - FAF FOSEK MOVED FOR ALIGNMENT WITH RUNWAY 6 THRESHOLD EXTENDING 1030 FEET.
4. TERMINAL ROUTES: CA ALTITUDE CHANGED FROM 2443 TO 2456 - IAW 8260.58C 3-5-2.
5. TERMINAL ROUTES: UPDATED HOSED TO FOSEK DISTANCE FROM "6.07" TO "5.90"-- FAF MOVED TO ALIGN WITH RUNWAY.
6. PROFILE LINE 3: UPDATED FAC FROM "060.96" TO "060.97," DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM "5.58" TO "5.63 "-- FAF MOVED TO ALIGN WITH RUNWAY.
7. PROFILE LINE 5: UPDATED LPV HAT FROM "375 HAT: 1.05" TO "391 HAT: 1.09" -- RUNWAY EXTENDED 1030 FEET, FAF MOVED TO ALIGN WITH RUNWAY.
8. PROFILE LINE 7: UPDATED 20:1 FROM "IS NOT CLEAR" TO "IS CLEAR"-- UPDATED OBSTACLE EVALUATION.
9. PBN REQUIREMENT NOTES: UPDATED FROM "RNP APCH" TO "RNP APCH -- GPS" - IAW 8260.19I 8-6-8.
10. NOTES: UPDATED CHART NOTE FROM "RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" TO "RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" -- IAW 8260.19I 8-6-11.
11. NOTES: UPDATED CHART PLANVIEW NOTE FROM "PROCEDURE NA FOR ARRIVALS AT HILTO ON T215 NORTHWEST BOUND AND ARRIVALS AT TAKEN ON V16 AND T424 SOUTHWEST BOUND" TO "PROCEDURE NA FOR ARRIVALS AT TAKEN ON V16 SOUTHWEST BOUND" AND "PROCEDURE NA FOR ARRIVALS AT TAKEN ON T424 SOUTHWEST BOUND" - SEPARATED NOTES IAW 8260.19J AND MEMO #290 ATTACHMENT 4.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART VDP: 1.73 NM TO RW06" -- 20:1 PENETRATIONS NO LONGER EXIST.
13. MINIMUMS: UPDATED CIRCLING CAT D MDA/HAA FROM "3060/973" TO "3080/993" -- TO MATCH OTHER AIRPORT PROCEDURES MINIMUMS.
14. MINIMUMS: UPDATED LPV DA/HAT FROM "2443/375" TO "2456/391" AND LNAV/VNAV DA/HAT FROM "2489/421" TO "2528/463" -- UPDATED OBSTACLE SURVEY, NEW CONTROLLING OBSTACLES.
15. MINIMUMS: UPDATED LPV CAT A/B/C/D VISIBILITY FROM "1 1/4" TO "1 1/8" -- IAW 8260.3E TABLE 1-3-1.
16. MINIMUMS: UPDATED LNAV/VNAV CAT A/B/C/D VISIBILITY FROM "1 1/4" TO "1/3/8" - IAW 8260.3E TABLE 1-3-1.
17. FAS DATA: CRC REMAINDER UPDATED FROM "6D7E320E" TO "09823CB8," LTP/FTP LATITUDE/LONGITUDE FROM "364101.2210N/0820222.7330W" TO "364055.5340N/0820233.2195W," FPAP LATITUDE/LONGITUDE FROM "364151.0700N/0820050.8600W" TO "364145.3765N/0820101.3385W" AND LENGTH OFFSET FROM "1384" TO "1072."

8/19/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 3/26/24.

1. UPDATED LNAV/VNAV CONTROLLING OBSTACLE.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, TRI APCH CNTRL, AMGR

FLIGHT CHECKED BY

JEREMY R VIRTS

Digitally signed by

ERIC N SUSKI

Aug 19, 2024

OFFICE

FPO

DATE

08/13/2024

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

Digitally signed by

ERIC N SUSKI

Aug 19, 2024

OFFICE

AJV-A431

DATE

03/26/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ERIC N SUSKI

Aug 19, 2024

OFFICE

AJV-A431

DATE

TITLE

MANAGER



AIRPORT ID
VJI

PROCEDURE NAME
RNAV (GPS) RWY 6

ORIGINAL/AMENDMENT
2

CITY
ABINGDON

STATE
VA

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KVJI |
| RUNWAY | RW06 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W06A |
| LTP/FTP LATITUDE | 364055.5340N |
| LTP/FTP LONGITUDE | 0820233.2195W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +05977 |
| FPAP LATITUDE | 364145.3765N |
| FPAP LONGITUDE | 0820101.3385W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00045.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1072 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 50.0 |
| CRC REMAINDER | 09823CB8 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +06287 |
| FPAP ORTHOMETRIC HEIGHT | +06287 |

