

**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><br>W81        | <u>PROCEDURE NAME</u><br>RNAV (GPS)-B | <u>ORIGINAL/AMENDMENT</u><br>1                 | <u>CITY</u><br>CREWE                      | <u>STATE</u><br>VA         |                       |                           |
| <u>AIRPORT ELEVATION</u><br>422 | <u>TDZE</u>                           | <u>SUPERSEDED</u><br>RNAV (GPS)-B              | <u>ORIGINAL/AMENDMENT</u><br>ORIG         | <u>DATED</u><br>10/12/2017 | <u>MAG VAR</u><br>10W | <u>EPOCH YEAR</u><br>2010 |
| <u>FACILITY</u><br>RNAV         | <u>COORDINATES OF FACILITIES</u>      | <u>ACTUAL EFFECTIVE DATE</u><br>7 OCTOBER 2021 | <u>REQUIRED EFFECTIVE DATE</u><br>ROUTINE | <u>CANCEL/SUSPEND</u>      |                       |                           |

**TERMINAL ROUTES**

| <u>FROM</u> | <u>FIX TYPE</u> | <u>TO</u> | <u>FIX TYPE</u> | <u>LEG TYPE</u> | <u>FO/FB</u> | <u>RNP</u> | <u>COURSE</u> | <u>DISTANCE</u> | <u>ALTITUDE</u> |
|-------------|-----------------|-----------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| MELIA       | IAF             | EHEKY     |                 | TF              | FB           | 1.00       | 225.90        | 12.54           | 3000            |
| EHEKY       | IF              | FIBIP     |                 | TF              | FB           | 1.00       | 300.08        | 5.01            | 1900            |
| FIBIP       | FAF             | OBSUE     | MAP             | TF              | FO           | 0.30       | 315.16        | 3.28            |                 |
| OBSUE       | MAP             | 822 MSL   |                 | CA              |              |            | 315.16        |                 |                 |
| 822 MSL     |                 | HESUV     |                 | DF              | FB           | 1.00       |               |                 |                 |
| HESUV       |                 | KIWCE     |                 | TF              | FO           | 1.00       | 334.92        | 8.87            | 3000            |

**MISSED APPROACH**

**MAP:**  
OBSUE

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 DIRECT HESUV AND ON TRACK 334.92 TO KIWCE AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT                      SIDE OF COURSE                      OUTBOUND                      FT WITHIN                      MILES OF                      (IAF)

2. PROFILE STARTS AT EHEKY

3. FAC: 315.16                      FAF: FIBIP                      DIST FAF TO MAP: 3.28                      DIST FAF TO THLD:

4. MIN ALT: EHEKY 3000, FIBIP 1900

5. DIST TO THLD FROM OM:                      MM:                      IM:                      150 HAT:                      GS ANT:

6. MIN GP INCPT:                      GP ALT AT FAF :                      OM:                      MM:                      IM:

7. GP ANGLE:                      34:1:                      20:1:                      TCH:

8. MSA FROM: ARP W81 2600

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: PROCEDURE NA AT NIGHT.  
CHART NOTE: RWY 15 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT MELIA ON V155 NORTHBOUND AND V20 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART R-6602 A, B, C.  
FAC CROSSES APPROACH END OF RWY 33.  
HOLD NW, RT, 149.92 INBOUND.  
FAS OBST: 620 AAO 370755N/0780228W.  
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ CAT A, B 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 |
| CIRCLING   | 1420   | 3   | 998     | 1420   | 3   | 998     |        | NA  |         |        | NA  |         |        |     |         |

CHANGES - REASONS

1. CHANGED COURSE FIBIP TO OBSUE AND CA LEG IN TERMINAL ROUTES, FAC IN PROFILE LINE 3 FROM "312.91" TO "315.16", AND REMOVED ASSOCIATED REMARK IN ADDITIONAL FLIGHT DATA -- REALIGNED FAC TO A PORTION OF THE USABLE LANDING SURFACE IAW 8260.58B, 3-2-2.B.
2. CHANGED COURSE/DISTANCE HESUV TO KIWCE FROM "335.35/9.41" TO "334.92/8.87" IN TERMINAL ROUTES AND CHANGED ON TRACK "335.35" TO "334.92" IN MISSED APPROACH INSTRUCTIONS -- FIX HESUV RELOCATED TO COINCIDE WITH REALIGNED FAC.
3. CHANGED "CHART FAS OBST: 543 TREE 371105N/0780538W" TO "FAS OBST: 620 AAO 370755N/0780228W" -- UPDATED IAW 8260.19I, 8-6-10.E(2).
4. CHANGED MSA CENTER POINT FROM "OBSUE" TO "ARP W81" ON PROFILE LINE 8 -- CIRCLING ONLY PROCEDURE; UPDATED IAW 8360.3D, 2-3-2.B(2) AND 8260.19I, 8-6-7.H.
5. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" AND ADDED PBN REQUIREMENTS NOTE "RNP APCH - GPS" -- UPDATED IAW 8260.19I, 8-6-8.B(2).
6. CHANGED CHART NOTE "CIRCLING TO RWY 15 NA AT NIGHT" TO "PROCEDURE NA AT NIGHT" -- DIRECTED BY VA DEPT OF AVIATION; UPDATED IAW 8260.19I, 8-6-11.O(2)(A).
7. INCREASED MDA/VIS/HAA CAT A FROM "980/1/558" AND CAT B FROM "1000/1/578" TO "1420/3/998" ALL CATS AND ADDED CORRESPONDING ALTERNATE MINIMUMS NOTE "CAT A, B 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE" -- DIRECTED BY VA DEPT OF AVIATION.
8. REMOVED "CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES" AND ADDED "FAC CROSSES APPROACH END OF RWY 33" TO ADDITIONAL FLIGHT DATA -- FAC CHANGED TO CIRCLING ALIGNED; VISUAL SEGMENT NOTE NOT APPLICABLE AND ALIGNMENT NOTE IAW 8260.19I, 8-6-10.G(3).

AIRPORT ID  
W81

PROCEDURE NAME  
RNAV (GPS)-B

ORIGINAL/AMENDMENT  
1

CITY  
CREWE

STATE  
VA

**COORDINATED WITH:**

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZDC, LEESBURG FSS, AMGR

**FLIGHT CHECKED BY**

DANIEL KIRBY

*Digitally signed by*  
**JASON KRETSCHMER**

**OFFICE**  
FICO

**DATE**  
08/04/2021

Aug 09, 2021

**DEVELOPED BY**

JASON KRETSCHMER (DANIEL C JOHNSEN)

*Digitally signed by*  
**JASON KRETSCHMER**

**OFFICE**  
AJV-A421

**DATE**  
04/16/2021

**APPROVED BY**

MARLON ROBINSON

Jul 15, 2021

**OFFICE**  
AJV-A420

**DATE**

**TITLE**  
MANAGER

*Digitally signed by*

**JASON KRETSCHMER**

Jul 15, 2021