

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> FME | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 28 | <u>ORIGINAL/AMENDMENT</u> 2 | <u>CITY</u> FORT MEADE(ODENTON) | <u>STATE</u> MD |
| <u>AIRPORT ELEVATION</u> 150 | <u>TDZE</u> 150 | <u>SUPERSEDED</u> RNAV (GPS) RWY 28 | <u>ORIGINAL/AMENDMENT</u> 1E | <u>DATED</u> 08/10/2023 |
| <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> 10W |
| | | | | <u>EPOCH YEAR</u> 1985 |
| | | | | <u>CANCEL/SUSPEND</u> |

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 24-23.

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------------|----------|-----------------------|----------|----------|-------|------|--------|----------|----------|
| AMRTN | IAF | PUGEE | | TF | FB | 1.00 | 318.26 | 15.83 | 2000 |
| PUGEE | IF | TRACN | | TF | FB | 1.00 | 309.28 | 4.00 | 1800 |
| TRACN | FAF | NGINI/1.25 NM TO RW28 | | TF | FB | 0.30 | 284.23 | 2.54 | |
| NGINI/1.25 NM TO RW28 | | RW28 | MAP | TF | FO | 0.30 | 284.23 | 1.25 | |
| RW28 | MAP | 570 MSL | | CA | | | 284.23 | | 570 |
| 570 MSL | | CUTOP | | DF | FO | 1.00 | | | 2000 |

MISSED APPROACH

MAP:
LP: RW28
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 570 THEN CLIMBING RIGHT TURN TO 2000 DIRECT CUTOP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT
- SIDE OF COURSE
- OUTBOUND
- FT WITHIN
- MILES OF (IAF)
2. PROFILE STARTS AT PUGEE
3. FAC: 284.23 FAF: TRACN DIST FAF TO MAP: 3.79 DIST FAF TO THLD: 3.79
4. MIN ALT: PUGEE 2000, TRACN 1800, NGINI/1.25 NM TO RW28 720
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: MM: IM:
6. MIN GP INCPT: GP ALT AT FAF: 34:1: IS NOT CLEAR 20:1: IS CLEAR TCH:
7. GP ANGLE:
8. MSA FROM: RW28 2600



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

CHART NOTE: CIRCLING RWY 10 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 157.78 INBOUND.

CHART FAS OBST: 359 TREE (24-051653) 390432N/0764434W, 277 TREE (24-051465) 390456N/0764452W.

CHART 452 TOWER (24-000155) 390406N/0764051W.

WAAS CHANNEL # 56347

REFERENCE PATH ID: W28A

TRACN TO RW28: 4.00/40.

LTP HAE: 13 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT B 900-2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

| <u>CATEGORY:</u> | <u>A</u> | | | <u>B</u> | | | <u>C</u> | | | <u>D</u> | | | <u>E</u> | | |
|-------------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|---------------|------------|----------------|
| <u>FINAL TYPE</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> | <u>DA/MDA</u> | <u>VIS</u> | <u>HAT/HAA</u> |
| LP MDA | 540 | 1 | 390 | 540 | 1 | 390 | | NA | | | NA | | | | |
| LNAV MDA | 620 | 1 | 470 | 620 | 1 | 470 | | NA | | | NA | | | | |
| CIRCLING | 820 | 1 | 670 | 960 | 1 | 810 | | NA | | | NA | | | | |

CHANGES - REASONS

1. TERMINAL ROUTES: IAF PALEO TO GEEMO CHANGED TO AMRTN TO PUGEE, REMOVED NOPT, COURSE/DISTANCE FROM 291.54/6.54 TO 318.26/15.83 AND ALTITUDE FROM 2200 TO 2000, IF/IAF GEEMO TO BEVGE CHANGED TO IF PUGEE TO TRACN, COURSE/DISTANCE FROM 297.87/5.50 TO 309.28/4.00 AND ALTITUDE FROM 2200 TO 1800, FAF BEVGE TO FATEN/1.90 NM TO RW28 CHANGED TO TRACN TO NGINI/1.25 NM TO RW28, COURSE/DISTANCE FROM 284.00/4.30 TO 284.23/2.54 AND REMOVED SDF ALTITUDE 800, SDF FATEN/1.90 NM TO RW28 TO RW28 CHANGED TO NGINI/1.25 NM TO RW28 TO RW28, COURSE/DISTANCE FROM 284.00/1.90 TO 284.23/1.25, CA LEG CHANGED FROM RW28 TO 550 MSL TO RW28 TO 570 MSL, COURSE CHANGED FROM 284.00 TO 284.23 AND ADDED ALTITUDE OF 570, MISSED APPROACH CHANGED FROM 550 MSL TO GEEMO TO 570 MSL TO CUTOP AND ALTITUDE FROM 2200 TO 2000 - REDESIGNED PROCEDURE PER ATC/FPT, SDF ALTITUDE NOT REQUIRED PER CHARTING AND CRT/QC MANAGEMENT, CA ALTITUDE MANDATORY IAW 8260.58C 3-5-2 FLOWCHART: TURN GREATER THAN 15 DEGREES, LP BASE** MDA IS LESS THAN AIRPORT ELEVATION PLUS 400, CA LEG REQUIRED.
2. MAP: ADDED LP: RW28 - LP LINE OF MINIMA ADDED PER AIRPORT AND FPT REQUEST.
3. MISSED APPROACH INSTRUCTIONS: CHANGED FROM CLIMBING LEFT TURN TO 2200 DIRECT GEEMO AND HOLD TO CLIMB TO 570 THEN CLIMBING RIGHT TURN TO 2000 DIRECT CUTOP AND HOLD - PROCEDURE REDESIGNED PER ATC/FPT.
4. PROFILE LINE 2: CHANGED FROM HOLD SE GEEMO, LT, 297.87 INBOUND, 2200 FT. IN LIEU OF PT (IAF), MAX 5000 TO PROFILE STARTS AT PUGEE - HOLD IN LIEU AT GEEMO REMOVED WITH NEW IF AT PUGEE PER ATC/FPT.
5. PROFILE LINE 3: FAC CHANGED FROM 284.00 TO 284.23, FAF CHANGED FROM BEVGE TO TRACN, DIST FAF TO MAP AND THLD CHANGED FROM 6.20 TO 3.79 - PROCEDURE REDESIGNED WITH NEW FAF PLACEMENT PER ATC/FPT.
6. PROFILE LINE 4: MIN ALT CHANGED FROM GEEMO 2200, BEVGE 2200, FATEN/1.90 NM TO RW28 800 TO PUGEE 2000, TRACN 1800, NGINI/1.25 NM TO RW28 720 - NEW PROCEDURE DESIGN PER ATC/FPT.
7. NOTES: REMOVED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT PALEO ON V170-312 EAST BOUND AND V44 SOUTHEAST BOUND - FIX PALEO REMOVED FROM PROCEDURE PER ATC/FPT.
8. NOTES: ADDED CHART NOTE: PROCEDURE NA AT NIGHT - 20:1 PENETRATIONS EXIST IN NEW OBSTACLE EVALUATION, AIRPORT HAS PLANS TO MITIGATE OBSTACLES IN NEAR FUTURE PER FPT.
9. ADDITIONAL FLIGHT DATA: FAS OBSTACLE CHANGED FROM 360 TOWER (24-020057) 390519N/0764241W TO 359 TREE (24-051653) 390432N/0764434W, 277 TREE (24-051465) 390456N/0764452W - NEW OBSTACLE EVALUATION RESULTS AND ADD LP LINE OF MINIMA PER ATC/FPT.
10. ADDITIONAL FLIGHT DATA: 7:1 OBSTACLES CHANGED FROM 533 TOWER 390558N/0763721W AND 439 AAO 390426N/0764235W TO 452 TOWER (24-000155) 390406N/0764051W - NEW OBSTACLE EVALUATION RESULTS.
11. ADDITIONAL FLIGHT DATA: ADDED MISSED APPROACH HOLDING PATTERN DATA, HOLD N, RT, 157.78 INBOUND - HOLD IN LIEU REMOVED FROM PROCEDURE AND NEW MISSED HOLDING ADDED AT CUTOP PER ATC/FPT.
12. ADDITIONAL FLIGHT DATA: VDA/TCH CHANGED FROM BEVGE TO RW28: 3.05/40 TO TRACN TO RW28: 4.00/40 - NEW PROCEDURE DESIGNED WITH NEW FAF PLACEMENT PER ATC/FPT, IAW 8260.19J 8-6-11O(1).
13. MINIMUMS: ADDED LP LINE OF MINIMA - PER ATC/FPT REQUEST.
14. ADDITIONAL FLIGHT DATA: ADDED WASS CHANNEL # 56347, REFERENCE PATH ID: W28A, LTP HAE: 13 M - LP LINE OF MINIMA ADDED PER FPT/ATC.
15. FAS DATA BLOCK INFORMATION ADDED TO 8260-3 - LP LINE OF MINIMA ADDED PER FPT/ATC.

- 09/17/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 09/04/24.
1. PROFILE LINE 7, CHANGED 20:1 FROM "IS NOT CLEAR" TO "IS CLEAR". - 20:1 PENETRATIONS REMOVED.
2. NOTES, DELETED CHART NOTE "PROCEDURE NA AT NIGHT" AND ADDED CHART NOTE "CIRCLING RWY 10 NA AT NIGHT". - RWY 28 20:1 PENETRATIONS REMOVED, RWY 10 20:1 UNLIT PENETRATIONS REMAIN.
3. NOTES, CHANGED HELICOPTER VISIBILITY REDUCTION FROM 1 SM TO 3/4 SM. - RWY 28 20:1 IS CLEAR.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER: ZDC, PCT APP CON, BWI APP CON, DCA APP CON, NYC FPO, AMGR

FLIGHT CHECKED BY

JAMES M MEEK

Digitally signed by
ROBERT G HAMILTON
Sep 04, 2024

OFFICE

FPO

DATE

08/29/2024

DEVELOPED BY

RICHARD CHRISTENSEN

Digitally signed by
RICHARD E. CHRISTENSEN
Jul 03, 2024

OFFICE

AJV-A431

DATE

04/26/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by
ROBERT G HAMILTON
Sep 04, 2024

OFFICE

AJV-A431

DATE

TITLE
MANAGER



AIRPORT ID
FME

PROCEDURE NAME
RNAV (GPS) RWY 28

ORIGINAL/AMENDMENT
2

CITY
FORT MEADE(ODENTON)

STATE
MD

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KFME |
| RUNWAY | RW28 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W28A |
| LTP/FTP LATITUDE | 390506.1215N |
| LTP/FTP LONGITUDE | 0764515.0860W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +00130 |
| FPAP LATITUDE | 390512.6105N |
| FPAP LONGITUDE | 0764709.2140W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00040.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 04.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1832 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 00.0 |

| | |
|---------------|----------|
| CRC REMAINDER | 22142B4E |
|---------------|----------|

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +00456 |
| FPAP ORTHOMETRIC HEIGHT | +00456 |

QUALITY
10
CHECKED