

**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> KRYY | <u>PROCEDURE NAME</u> RNAV (GPS) RWY 9 | <u>ORIGINAL/AMENDMENT</u> 4 | <u>CITY</u> ATLANTA | <u>STATE</u> GA | | |
| <u>AIRPORT ELEVATION</u> 1040 | <u>TDZE</u> 1028 | <u>SUPERSEDED</u> RNAV (GPS) RWY 9 | <u>ORIGINAL/AMENDMENT</u> 3C | <u>DATED</u> 01/27/2022 | <u>MAG VAR</u> 4W | <u>EPOCH YEAR</u> 2005 |
| <u>FACILITY</u> RNAV | <u>COORDINATES OF FACILITIES</u> | <u>ACTUAL EFFECTIVE DATE</u> 14 JULY 2022 | <u>REQUIRED EFFECTIVE DATE</u> 7/14/2022 | <u>CANCEL/SUSPEND</u> | | |

TAA

| FROM | FIX TYPE | TO | FIX TYPE | ALTITUDE |
|---------------------|-----------------|------------------|-----------------|-----------------|
| 1. 003/30 CW 183/30 | NOPT | 003/15 CW 183/15 | | 3600 |
| 2. 003/15 CW 183/15 | | UPHAH | IF/IAF | 3500 |
| 3. 183/30 CW 273/30 | | 183/10 CW 273/10 | | 4600 |
| 4. 183/10 CW 273/10 | | GOLGE | IAF | 3500 |
| 5. 273/30 CW 003/30 | | UPHAH | IF/IAF | 3500 |

TERMINAL ROUTES

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|-----------------------|-----------------|-----------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| GOLGE | IAF | UPHAH | NOPT | TF | FB | 1.00 | 182.62 | 9.00 | 3500 |
| UPHAH | IF/IAF | OVEHE | | TF | FB | 1.00 | 092.62 | 7.47 | 2700 |
| OVEHE | FAF | YEVUG/2.08 NM TO RW09 | | TF | FB | 0.30 | 092.70 | 2.26 | |
| YEVUG/2.08 NM TO RW09 | | RW09 | MAP | TF | FO | 0.30 | 092.70 | 2.08 | |
| RW09 | MAP | 1440 MSL | | CA | | | 092.70 | | |
| 1440 MSL | | UPHAH | | DF | FO | 1.00 | | | 3500 |

QUALITY
8
CHECKED

MISSED APPROACH

MAP:

LP: RW09

LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3500 DIRECT UPAH AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

| | | | | | |
|--|--------------------|--------------------|-----------------------|----------|------------------------|
| 1. PT | SIDE OF COURSE | OUTBOUND | FT WITHIN | MILES OF | (IAF) |
| 2. HOLD W UPAH, LT, 092.62 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 10000. | | | | | |
| 3. FAC: 092.70 | FAF: OVEHE | | DIST FAF TO MAP: 4.34 | | DIST FAF TO THLD: 4.34 |
| 4. MIN ALT: UPAH 3500, OVEHE 2700, YEVUG/2.08 NM TO RW09 1860 | | | | | |
| 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: IS NOT CLEAR | 20:1: IS NOT CLEAR | TCH: | | |
| 8. MSA FROM: | | | | | |

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.

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

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1233 TREE (13-081826) 340018N/0843806W, 1225 TREE (13-094448) 340048N/0843703W.

CHART 1259 TREE 340001N/0843841W.

1279 AAO 340012N/0844115W.

WAAS CHANNEL # 61144

REFERENCE PATH ID: W09A

CHART CIRCLING ICON.

OVEHE TO RW09: 3.50/60.

LTP HAE: 284 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C, D 1200-3, 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 |
| LP MDA | 1480 | 1 | 452 | 1480 | 1 | 452 | 1480 | 1 3/8 | 452 | 1480 | 1 3/8 | 452 | | | |
| LNAV MDA | 1500 | 1 | 472 | 1500 | 1 | 472 | 1500 | 1 3/8 | 472 | 1500 | 1 3/8 | 472 | | | |
| CIRCLING | 1800 | 1 | 760 | 1800 | 1 | 760 | 2180 | 3 | 1140 | 2180 | 3 | 1140 | | | |

CHANGES - REASONS

1. REMOVED MSA FROM RW09 4200 FROM PROFILE LINE 8 AND ADDED TAA TO PROCEDURE - 8260.19I 8-6-3, PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
2. REMOVED ENSOR TO GOLGO, MIKEE TO TISUC AND CARAN TO UPHAH FEEDER SEGEMENTS AND TISUC TO UPHAH INITIAL APPROACH SEGMENTS FROM TERMINAL ROUTES - TAA ADDED TO PROCEDURE, REDESIGNED FOR PROCEDURE ENTRY PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
3. UPDATED INITIAL SEGMENT GOLGE TO UPHAH COURSE FROM 182.63 TO 182.62, DISTANCE FROM 5 NM TO 9 NM AND ALTITUDE FROM 3000 TO 3500 - PROCEDURE REDESIGN PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
4. UPDATED INTERMEDIATE SEGMENT UPHAH TO OVEHE COURSE FROM 092.63 TO 092.62 AND DISTANCE FROM 6.51 NM TO 7.47 NM - PROCEDURE REDESIGN PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
5. ADDED YEVUG STEPDOWN FIX SEGMENT AT 2.08 NM FROM RWY 09 - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
6. ADDED "LP: RW09" TO MAP IN MISSED APPROACH - PROCEDURE REDESIGN PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
7. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3100 DIRECT OVPEW AND HOLD" TO "CLIMBING LEFT TURN TO 3500 DIRECT UPHAH AND HOLD" - PROCEDURE REDESIGN PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
8. PROFILE LINE 2: CHANGED HOLDING ALTITUDE FROM 3000 FT TO 3500 FT AND INBOUND COURSE FROM 092.63 TO 092.62 - 8260.58B, 2-4-3E, PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
9. PROFILE LINE 4: CHANGED FROM "UPHAH 3000, OVEHE 2700" TO "UPHAH 3500, OVEHE 2700, YEVUG/2.08 NM TO RW09 1860" - RAISED IF/IAF ALTITUDE AND ADDED SDF YEVUG PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
10. ADDED CHART PROFILE NOTE "VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET})" - DESCENT ANGLE 3.50/VGSI 4.00 NOT WITHIN 0.20 DEGREES AND PROCEDURE TCH 60'/VGSI 46.3 NOT WITHIN 3 FT IAW 8260.19I, 8-6-9M.
11. REMOVED "CHART NOTE: STRAIGHT-IN RWY 9 NA AT NIGHT, CIRCLING RWY 9 NA AT NIGHT" - ALL 20:1 PENETRATIONS ARE LIGHTED, REQUIRED PER FLIGHT CHECK BASED ON FIDEX-RYY-208322.
12. REMOVED "HOLD E, RT, 272.91 INBOUND" FROM ADDITIONAL FLIGHT DATA - MISSED APPROACH HOLDING IS THE SAME AS HOLD IN LIEU OF PT HOLDING.
13. CHANGED FAS OBST FROM "1280 AAO 340014N/0844115W" TO "1233 TREE (13-081826) 340018N/0843806W, 1225 TREE (13-094448) 340048N/0843703W" IN ADDITIONAL FLIGHT DATA - ADDED LP MINIMUMS, NEW CONTROLLING OBSTACLES.
14. ADDED 7:1 EXCLUDED OBSTACLE OBST: "CHART 1259 TREE 340001N/0843841W" AND "1279 AAO 340012N/0844115W" - NEW MAP STUDY.
15. ADDED CHART CIRCLING ICON TO ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10S.
16. ADDED VDA "OVEHE TO RW09: 3.50/60" TO ADDITIONAL FLIGHT DATA - IAW 8260.19I 8-6-10 O(1).
17. REMOVED CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES" FROM ADDITIONAL FLIGHT DATA - INCREASED VDA TO 3.50/TCH 60.0 FT IAW 8260.3E, 2-6-4A(2) & 8260.19I, 8-6-10O(2)B.
18. ADDED "WAAS CHANNEL # 61144", "REFERENCE PATH ID: W09A" AND "LTP HAE: 284.0 M" TO ADDITIONAL FLIGHT DATA - LP ADDED TO PROCEDURE PER FPT REQUEST.
19. CHANGED PBN REQUIREMENTS NOTE: FROM "RNP APCH" TO "RNP APCH - GPS" - 8260.19I, 8-6-8B2.
20. ADDED LP MINIMUMS - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
21. UPDATED LNAV MINIMUMS FROM MDA/HAT 1560/532 TO MDA/HAT 1500/472 AND CATS C/D VISIBILITY FROM 1 1/2 SM TO 1 3/8 SM - ADDITION OF STEPDOWN FIX AND NEW CONTROLLING OBSTACLE, UPDATED 8260.3D VIS TABLES.
22. UPDATED CIRCLING MINIMUMS CATS C/D FROM MDA/HAT 2220/1180 TO MDA/HAT 2180/1140 - ADDITION OF STEPDOWN FIX AND NEW CONTROLLING OBSTACLE.
23. CHANGES FROM P-NOTAM 3C AND T-NOTAM 2/9486 INCORPORATED INTO THIS FORM - REQUIRED IAW 8260.19I, 8-3-4C(3).

QUALITY
8
CHECKED

AIRPORT ID
KRYY

PROCEDURE NAME
RNAV (GPS) RWY 9

ORIGINAL/AMENDMENT
4

CITY
ATLANTA

STATE
GA

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, ATL APP CON, RYY ATCT, AMGR

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by
CASIMIR L TABAKA
Jun 06, 2022

DEVELOPED BY

JON DENTON (SILVIA YOUNG)

Digitally signed by
CASIMIR L TABAKA
Apr 22, 2022

OFFICE

AJV-A432

DATE

01/25/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA
Apr 22, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
8
CHECKED

FAS DATA BLOCK INFORMATION

| <u>DATA FIELD</u> | <u>DATA</u> |
|--|---------------|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KRYY |
| RUNWAY | RW09 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W09A |
| LTP/FTP LATITUDE | 340046.9205N |
| LTP/FTP LONGITUDE | 0843614.0780W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +02840 |
| FPAP LATITUDE | 340048.8495N |
| FPAP LONGITUDE | 0843426.9175W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00060.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 03.50 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1152 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 0.0 |
| | |
| CRC REMAINDER | 3D1D9449 |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K7 |
| LTP ORTHOMETRIC HEIGHT | +03134 |
| FPAP ORTHOMETRIC HEIGHT | +03134 |

