

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> KIIY	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> WASHINGTON	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 646	<u>TDZE</u> 646	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1A	<u>DATED</u> 10/13/2016	<u>MAG VAR</u> 7W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 27 JANUARY 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 043/30 CW 223/30	NOPT	043/15 CW 223/15		3100
2. 043/15 CW 223/15		PACIY	IF/IAF	2400
3. 223/30 CW 043/30		PACIY	IF/IAF	2400

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PACIY	IF/IAF	HOXOD		TF	FB	1.00	132.83	6.52	2400
HOXOD	FAF	CADER/2.83 NM TO RW13		TF	FB	0.30	132.89	2.51	
CADER/2.83 NM TO RW13		RW13	MAP	TF	FO	0.30	132.89	2.83	
RW13	MAP	907 MSL		CA			132.89		
907 MSL		LUYIG		DF	FO	1.00			2400

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2400 DIRECT LUYIG AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD NW PACIY, RT, 132.83 INBOUND, 2400 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 132.89FAF: HOXODDIST FAF TO MAP: 5.35DIST FAF TO THLD: 5.35

4. MIN ALT: PACIY 2400, HOXOD 2400, CADER/2.83 NM TO RW13 1600

5. DIST TO THLD FROM OM:MM:IM:150 HAT:261 HAT: 0.66GS ANT:

6. MIN GP INCPT: 2400GP ALT AT PFAF : HOXOD 2400OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS NOT CLEAR20:1: IS CLEARTCH: 52.0

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH-GPS.

NOTES:

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
HOLD SE, RT, 313.06 INBOUND.
CHART FAS OBST: 757 TREE (13-117462) 334642N/0825000W.
CHART VDP AT 1.08 NM TO RW13.
WAAS CHANNEL # 62809
REFERENCE PATH ID: W13A
LTP HAE: 168 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - 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	958	7/8	312	958	7/8	312	958	7/8	312		NA				
LNAV/VNAV DA	907	7/8	261	907	7/8	261	907	7/8	261		NA				
LNAV MDA	1020	1	374	1020	1	374	1020	1	374		NA				
CIRCLING	1080	1	434	1100	1	454	1100	1 1/2	454		NA				



CHANGES - REASONS

1. DELETED ALL FEEDER/INITIAL SEGMENTS AND ASSOCIATED NOTES - PER FPT CHECKLIST/ADDED TAA.
2. ADDED TAA AND HOLD-IN-LIEU AT PACIY - PER FPT CHECKLIST/CRITERIA.
3. ADDED STEPDOWN FIX (CADER 2.83 TO RW13) - TO ACHIEVE LOWER LNAV MINIMUMS.
4. INTERMEDIATE SEGMENT LENGTH/COURSE CHANGED FROM: 128.85/6.10 TO: 132.83/6.52 - INTERMEDIATE FIX (PACIY) MOVED 4518 FT NW; MAGVAR UPDATED.
5. FINAL LENGTH/COURSE CHANGED FROM: 128.90/5.02 TO: 132.89/5.35 - FAF FIX (HOXOD) MOVED 1970 FT NW; MAGVAR UPDATED.
6. CHANGED CA LEG ALTITUDE FROM 996 TO 907 - LNAV/VNAV DA/LOWEST OF DA/MDA/APT EL+400.
7. CHANGED MISSED APPROACH INSTRUCTIONS FROM: "CLIMB TO 2400 DIRECT NICIY AND VIA 047.61 TRACK TO GOLFR AND HOLD" TO: "CLIMB TO 2400 DIRECT LUYIG AND HOLD" - REDESIGNED PER FPT CHECKLIST.
8. PROFILE LINE 7: CHANGED GPA/TCH FROM 3.00/33.0 TO 3.00/52.0; ADDED 20:1 IS CLEAR. - TCH INCREASED TO MITIGATE VGS PENETRATION; 20:1 EVALUATION IS CLEAR.
9. DELETED CHART NOTE: "DME/DME RNP-0.3 NA" - NO LONGER REQUIRED BY CRITERIA.
10. ADDED PBN REQUIREMENTS NOTE: "RNP APCH-GPS" - REQUIRED BY CRITERIA.
11. CHANGED HELICOPTER VISIBILITY REDUCTION NOTE FROM: "VISIBILITY REDUCTION BY HELICOPTERS NA" TO: "RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED" - CURRENT CRITERIA/34:1 EVALUATION.
12. ADDED "CHART VDP AT 1.08 NM TO RW13" TO ADDITIONAL FLIGHT DATA - 20:1 IS CLEAR.
13. RAISED INTERMEDIATE FIX (PACIY) MINIMUM ALTITUDE FROM 2300 TO 2400 - PER FPT CHECKLIST.
14. RAISED FAF (HOXOD) MINIMUM ALTITUDE FROM 2300 TO 2400 - PER FPT CHECKLIST.
15. LOWERED LPV DA/HAT ALL CATS FROM 996/350 TO 958/312 AND ALL CATS VISIBILITY FROM 1 1/4 TO 7/8 - NEW OBSTACLE EVALUATION.
16. LOWERED LNAV/VNAV DA/HAT ALL CATS FROM 1012/366 TO 907/261 AND ALL CATS VISIBILITY FROM 1 1/4 TO 7/8. - NEW OBSTACLE EVALUATION.
17. LOWERED LNAV MDA/HAT FROM 1040/394 ALL CATS TO 1020/374 ALL CATS. - NEW OBSTACLE EVALUATION/ADDED STEPDOWN FIX.
18. REMOVED CHART NOTES: ALTERNATE ALTIMETER NOTE AND BARO-VNAV NA NOTE. - MOVED TO 8260-9 FOR CONTINGENCY USE.
19. CHANGED LTP LAT/LONG FROM: "334657.5280N/0824916.2620W" TO: "334657.5275N/0824916.2625W" AND CHANGED FPAP LAT/LONG FROM: "334605.1200N/0824749.7400W" TO: "334605.1295N/0824749.7280W - NEW AIRNAV DATA.
20. CHANGED FAS DATA LENGTH OFFSET FROM: 1528 TO 1224. - GPA/TCH CHANGED.
21. CHANGED CRC REMAINDER FROM: "80C26079" TO: "5468F4E0" - UPDATED LTP LAT/LONG/TCH/GPA.
22. REMOVED (F) VALUES FROM UNCOMPENSATED BARO-VNAV NOTE, CHANGED CRITICAL HIGH TEMPERATURE FROM 47C TO 54C - NO LONGER REQUIRED BY CRITERIA; NEW TARGETS EVALUATION.
23. CHANGED DISTANCE TO THLD NOTE FROM: "DISTANCE TO THLD FROM 350 HAT: 1.00 NM" TO: "DISTANCE TO THLD FROM 261 HAT: 0.66 NM - LOWERED HAT.
24. ADDED CHART PROFILE NOTE: "VGS AND RNAV GLIDEPATH NOT COINCIDENT (VGS ANGLE {ANGLE}/TCH {FEET})." - IAW 8260.19I 8-6-9 M.
25. ADDED ADDITIONAL FLIGHT DATA: CHART CIRCLING ICON. - NEW CIRCLING RADII ADDED.
26. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST FROM "742 TREE 334714N/0824946W, 779 TREE 334805N/0825249W" TO "757 TREE (13-117462) 334642N/0825000W." - NEW LNAV STEPDOWN CONTROLLER.
27. MAGVAR UPDATED FROM 3W TO 7W, ALL COURSES UPDATED. - MAGVAR RAISED TO 2025 VALUE.

COORDINATED WITH:

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZTL, ATL APP CON, APT MGR

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
JON DENTON
Nov 29, 2021

Digitally signed by
JON DENTON
Nov 29, 2021

Digitally signed by
JON DENTON
Nov 29, 2021

OFFICE

FPO

AJV-A432

AJV-A430

DATE

11/26/21

09/10/2021

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KIIY
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	334657.5275N
LTP/FTP LONGITUDE	0824916.2625W
LTP/FTP ELLIPSOIDAL HEIGHT	+01680
FPAP LATITUDE	334605.1295N
FPAP LONGITUDE	0824749.7280W
THRESHOLD CROSSING HEIGHT (TCH)	00052.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	5468F4E0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01968
FPAP ORTHOMETRIC HEIGHT	+01968

