

**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> CVG	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 36R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> COVINGTON	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 896	<u>TDZE</u> 896	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 36R	<u>DATED</u> 03/24/2022	<u>MAG VAR</u> 6W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ORIGINAL/AMENDMENT</u> 1E	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 2025
		<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<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>
RUPPP	IAF	WUGVO		TF	FB	1.00	186.33	8.22	4500
WUGVO		LAPER		TF	FB	1.00	276.28	5.24	4000
BRCAT	IAF	ZAMKU		TF	FB	1.00	186.12	9.75	4500
ZAMKU		LAPER		TF	FB	1.00	096.11	6.92	4000
FECTA	IAF	MAGTV		TF	FB	1.00	080.47	12.43	4600
MAGTV		LAPER		TF	FB	1.00	080.63	4.00	4000
DAWGY	IAF	JOBUR		TF	FB	1.00	313.65	10.25	4600
JOBUR		LAPER		TF	FB	1.00	313.52	4.00	4000
SPOOD	IAF	BASJA		TF	FB	1.00	343.09	10.17	4600
BASJA		LAPER		TF	FB	1.00	343.04	4.00	4000
KYKAT	IAF	SNPPR		TF	FB	1.00	006.17	3.20	6000
SNPPR		NUYLI		TF	FB	1.00	006.17	3.20	5000
NUYLI		LAPER		TF	FB	1.00	006.21	3.20	4000
LAPER	IF	TROYF		TF	FB	1.00	006.21	4.76	2500
TROYF	FAF	GENVE/1.35 NM TO RW36R		TF	FB	0.30	006.21	3.52	
GENVE/1.35 NM TO RW36R		RW36R	MAP	TF	FO	0.30	006.21	1.35	
RW36R	MAP	1500 MSL		CA			006.21		1500
1500 MSL		FLM VOR/DME		DF	FO	1.00			4000

QUALITY
39
CHECKED

MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT FLM VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)			
2.	PROFILE STARTS AT LAPER								
3.	FAC:	006.21	FAF:	TROYF	DIST FAF TO MAP:	4.86	DIST FAF TO THLD:	4.86	
4.	MIN ALT:	LAPER 4000, TROYF 2500, GENVE/1.35 NM TO RW36R 1380							
5.	DIST TO THLD FROM OM:		MM:	IM:	150 HAT:	200 HAT:	0.45	GS ANT:	
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	TROYF 2500		OM:		MM:	IM:
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.3	
8.	MSA FROM:	RW36R 3000							

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 SM.

CHART SPEED ICON IN PLANVIEW AT RUPPP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT WUGVO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BRCAT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT ZAMKU: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT KYKAT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LAPER: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 317.00 INBOUND.
CHART FAS OBST: 1046 TOWER (21-022413) 390005N/0843922W.
WAAS CHANNEL # 42709
REFERENCE PATH ID: W36D
CHART MANDATORY 6000 AT RUPPP.
CHART AT OR ABOVE 4500 AT WUGVO.
CHART MANDATORY 6000 AT BRCAT.
CHART AT OR ABOVE 4500 AT ZAMKU.
CHART MANDATORY 8000 AT FECTA.
CHART MANDATORY 8000 AT DAWGY.
CHART MANDATORY 8000 AT SPOOD.
CHART AT OR ABOVE 7000 AT KYKAT.
LTP HAE: 239.1 M



MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ STANDARD

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	1096	1800	200	1096	1800	200	1096	1800	200	1096	1800	200			
LNAV/VNAV DA	1340	4500	444	1340	4500	444	1340	4500	444	1340	4500	444			
LNAV MDA	1360	2400	464	1360	2400	464	1360	5000	464	1360	5000	464			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

CHANGES - REASONS

1. TERMINAL ROUTES: DELETED ROUTE FROM "FLM VOR/DME TO DARKS" AND "DARKS TO NUyli" – IAW KCVG AIRSPACE MODERNIZATION.
2. TERMINAL ROUTES: NUyli TO LAPER DISTANCE CHANGED FROM "3.14" TO "3.20" – ADJUSTMENTS TO FINAL APPROACH COURSE AND PFAF.
3. ADDED PBN SEGMENTS FROM KYKAT, SPOOD, FECTA, DAWGY, WUGVO, ZAMKU. – KCVG AIRSPACE MODERNIZATION.
4. PROFILE LINE 3: FAF: TROYF DISTANCE FAF TO MAP/THLD CHANGED FROM: "4.49" TO "4.86" – NEW FAF LOCATION BASED OFF ALTITUDE CHANGE.
5. MISSED APPROACH INSTRUCTIONS: CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT BAIRE AND ON 082.97 TRACK TO MOAKS AND HOLD." TO "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT FLM VOR/DME AND HOLD." – CHANGED TO MATCH ILS OR LOC RWY 36R.
6. PROFILE LINE 2: CHANGED PROFILE STARTS AT "NUyli" TO "LAPER" – IAW 8260.19J, 8-6-7.B(3)(B).
7. PROFILE LINE 4: CHANGED FROM "NUyli 5000, LAPER 4000, TROYF 2400" TO "LAPER 4000, TROYF 2500, GENVE/1.35 NM TO RW36R 1380" - ADJUSTED FAF ALTITUDE.
8. PROFILE LINE 6: MIN GP INCPT CHANGED FROM "2400" TO "2500" AND GP ALT AT FAF CHANGED FROM "TROYF 2400" TO "TROYF 2500" – NEW ALTITUDE FOR FAF.
9. NOTES: UPDATED BARO/VNAV TEMPERATURE NOTE FROM "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C." TO "CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C." – BASED OFF OF HISTORICAL WEATHER DATA FROM THE LAST FIVE YEARS.
10. NOTES: DELETED NOTES "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DARKS ON V97 SOUTHBOUND." AND "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FLM VOR/DME AIRWAY RADIALS 195 CW 324." – DUE TO THE REMOVAL OF DARKS AND THE FLM VOR/DME AS INITIAL APPROACH AND FEEDER FIXES.
11. NOTES: UPDATED "CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS." TO "CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS." – IAW 8260.19J 8-6-11.O(8)(D).
12. NOTES: ADDED ALS INOP NOTE: "CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV CATS C AND D VISIBILITY TO 1 3/8 SM." – 8260.3F TABLE 3-1-1.
13. NOTES: ADDED RNAV SPEED RESTRICTIONS: CHART SPEED ICON IN PLANVIEW AT KYKAT: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT LAPER: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT ZAMKU: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT WUGVO: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT BRCAT: MAX 210 KIAS, AND CHART SPEED ICON IN PLANVIEW AT RUPPP: MAX 210 KIAS. - DUE TO LEG LENGTH REQUIREMENTS, IAW 8260.19J, 4-6-10G, 8260.58C, 1-2-5.C(2), TBL 1-2-2.
14. ADDITIONAL FLIGHT DATA: FAS OBST CHANGED FROM "CHART FAS OBST: 1110 TOWER (21-001615) 385955N/0843837W." TO "CHART FAS OBST: 1046 TOWER (21-022413) 390005N/0843922W." – NEW CONTROLLING OBSTACLE, IAW 8260.19J 8-6-10.C.
15. ADDITIONAL FLIGHT DATA: CHART VDP REMOVED – VDP IS LOCATED WITHIN 0.5 NM FROM FIX.
16. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 8000 AT SPOOD, CHART MANDATORY 8000 AT DAWGY, CHART MANDATORY 8000 AT FECTA, CHART MANDATORY 6000 AT RUPPP, AND CHART MANDATORY 6000 AT BRCAT - IAW 8260.19J 8-6-11.N.
17. ADDITIONAL FLIGHT DATA: ADDED CHART AT OR ABOVE 4500 AT WUGVO, CHART AT OR ABOVE 4500 AT ZAMKU, AND CHART AT OR ABOVE 7000 AT LAPER. - IAW 8260.19J.
18. TERMINAL ROUTES: ADDED PBN SEGMENTS FROM BRCAT TO ZAMKU AND RUPPP TO WUGVO. - KCVG AIRSPACE MODERNIZATION.



COORDINATED WITH:

A4A

X

ALPA

X

AOPA

X

APA

X

HAI

NBAA

X

OTHER:

ZID, CVG APP CON, CVG ATCT, AMGR.

FLIGHT CHECKED BY

ERIC L GEYER

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJF

DATE

02/26/2025

DEVELOPED BY

ERIC N SUSKI (ZACHARY KRUEGER)

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJV-A431

DATE

09/17/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJV-A431

DATE

05/08/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCVG
RUNWAY	RW36R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36D
LTP/FTP LATITUDE	390142.2405N
LTP/FTP LONGITUDE	0843848.4560W
LTP/FTP ELLIPSOIDAL HEIGHT	+02391
FPAP LATITUDE	390321.0795N
FPAP LONGITUDE	0843848.0045W
THRESHOLD CROSSING HEIGHT (TCH)	00055.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	C54FD1FC

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02731
FPAP ORTHOMETRIC HEIGHT	+02731

