

**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 18C	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> COVINGTON	<u>STATE</u> KY
<u>AIRPORT ELEVATION</u> 896	<u>TDZE</u> 875	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 18C	<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

THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 25-11.

<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>
BYRAN	IAF	SERBE		TF	FB	1.00	121.78	8.02	4700
SERBE		KLEPR		TF	FB	1.00	121.88	5.00	4000
CRSLY	IAF	WIMEV		TF	FB	1.00	247.44	7.93	4700
WIMEV		KLEPR		TF	FB	1.00	247.35	5.00	4000
NXHAL	IAF	DOSKE		TF	FB	1.00	006.23	10.86	4500
DOSKE		KLEPR		TF	FB	1.00	276.26	6.26	4000
LEWIN	IAF	USUVE		TF	FB	1.00	006.20	7.93	4500
USUVE		KLEPR		TF	FB	1.00	096.10	5.91	4000
JUPAL	IAF	LAMAH		TF	FB	1.00	186.21	3.20	7000
LAMAH		ANTRI		TF	FB	1.00	186.21	3.20	6000
ANTRI		DULEY		TF	FB	1.00	186.11	3.20	5000
DULEY		KLEPR		TF	FB	1.00	186.18	3.20	4000
KLEPR	IF	WUTVU		TF	FB	1.00	186.18	4.83	2500
WUTVU	FAF	FIMAN/2.02 NM TO RW18C		TF	FO	0.30	186.18	2.91	
FIMAN/2.02 NM TO RW18C		RW18C	MAP	TF	FO	0.30	186.18	2.02	
RW18C	MAP	1300 MSL		CA			186.18		1300
1300 MSL		ZIRKE		DF	FO	1.00			3000

QUALITY
16
CHECKED

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18C

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300, THEN CLIMB TO 3000 DIRECT ZIRKE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)			
2.	PROFILE STARTS AT KLEPR								
3.	FAC:	186.18	FAF:	WUTVU	DIST FAF TO MAP:	4.93	DIST FAF TO THLD:	4.93	
4.	MIN ALT:	KLEPR 4000, WUTVU 2500, FIMAN/2.02 NM TO RW18C 1560							
5.	DIST TO THLD FROM OM:		MM:	IM:	150 HAT:		200 HAT:	0.46	GS ANT:
6.	MIN GP INCPT:	2500	GP ALT AT PFAF:	WUTVU 2500			OM:		MM:
7.	GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR	TCH:	55.1	IM:
8.	MSA FROM:	RW18C 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 WITH RWY 18L/R.
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 CAT C/D VISIBILITY TO 1 3/8 SM.
CHART SPEED ICON IN PLANVIEW AT NXHAL: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LEWIN: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT JUPAL: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 8000 AT CRSLY.
CHART MANDATORY 8000 AT BYRAN.
HOLD N, RT, 176.12 INBOUND.
CHART FAS OBST: 1050 TOWER (21-001084) 390432N/0843935W.
CHART 1149 TOWER (39-001883) 390849N/0844111W.
CHART VDP AT 1.30 NM TO RW18C.
WAAS CHANNEL # 86803
REFERENCE PATH ID: W18B
CHART MANDATORY 6000 AT NXHAL.
CHART MANDATORY 6000 AT LEWIN.
CHART MANDATORY 8000 AT JUPAL.
CHART CIRCLING ICON.
LTP HAE: 232.5 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	1075	1800	200	1075	1800	200	1075	1800	200	1075	1800	200			
LNAV/VNAV DA	1398	5500	523	1398	5500	523	1398	5500	523	1398	5500	523			
LNAV MDA	1360	2400	485	1360	2400	485	1360	5000	485	1360	5000	485			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

CHANGES - REASONS

1. INCORPORATED P-NOTAMS FROM AMDT 1E.
2. TERMINAL ROUTES: ADDED INITIAL SEGMENT FROM BYRAN TO SERBE TO KLEPR – PER ATC REQUEST.
3. TERMINAL ROUTES: ADDED INITIAL SEGMENT FROM CRSLY TO WIMEV TO KLEPR – PER ATC REQUEST.
4. TERMINAL ROUTES: ADDED INITIAL SEGMENT FROM LEWIN TO USUVE TO KLEPR – PER ATC REQUEST TO ALIGN WITH PBN PROCEDURE.
5. TERMINAL ROUTES: ADDED INITIAL SEGMENT FROM NXHAL TO DOSKE TO KLEPR – PER ATC REQUEST TO ALIGN WITH PBN PROCEDURE.
6. TERMINAL ROUTES: UPDATED INTERMEDIATE SEGMENT FROM JUPAL TO LAMAH TO ANTRI COURSES FROM “186.18” TO “186.21,” JUPAL TO LAMAH DISTANCE FROM “3.14” TO “3.20” AND LAMAH TO ANTRI DISTANCE FROM “3.14” TO “3.20” – PER ATC REQUEST TO ALIGN PROCEDURE.
7. TERMINAL ROUTES: UPDATED ANTRI TO DULEY COURSE FROM “186.18” TO “186.11” AND DISTANCE FROM “3.14” TO “3.20” – PER ATC REQUEST TO ALIGN PROCEDURE.
8. TERMINAL ROUTES: UPDATED DULEY TO KLEPR DISTANCE FROM “3.14” TO “3.20” – PER ATC REQUEST TO ALIGN PROCEDURE.
9. TERMINAL ROUTES: UPDATED FROM “LOGOZ TO RW18C” TO “WUTVU TO FIMAN” AND “FIMAN TO RW18C” – FAF REPLACED, STEP DOWN ADDED PER ATC CHECKLIST TO ALIGN WITH ILS OR LOC RWY 18C.
10. MISSED APPROACH INSTRUCTIONS: UPDATED FROM “CLIMB TO 3000 DIRECT JITEV AND ON 181.03 TRACK TO ZIRKE AND HOLD” TO “CLIMB TO 3000 DIRECT ZIRKE AND HOLD” – IAW 8260.19I 8-6-6.
11. PROFILE LINE 2: UPDATED FROM PROFILE STARTS AT “JUPAL” TO “KLEPR” – NEW PROCEDURE DESIGN PER ATC.
12. PROFILE LINE 3: UPDATED DIST FAF TO MAP AND DIST FAF TO THLD FROM “4.56” TO “4.93” – NEW FAF LOCATION PER ATC.
13. PROFILE LINE 4: UPDATE MIN ALT FROM “JUPAL 8000, LAMAH 7000, ANTRI 6000, DULEY 5000, KLEPR 4000, LOGOZ 2400” TO “KLEPR 4000, WUTVU 2500, FIMAN/2.02 NM TO RW18C 1560” – NEW PROCEDURE DESIGN PER FPT.
14. PROFILE LINE 6: UPDATED MIN GP INCPT FROM “2400” TO “2500” AND GP ALT AT PFAF FROM “LOGOZ 2400” TO “WUTVU 2500” – NEW FAF NAME, LOCATION, AND ALTITUDE PER ATC TO ALIGN PROCEDURE.
15. PBN REQUIREMENT NOTES: DELETED “RADAR REQUIRED FOR PROCEDURE ENTRY” – RADAR NOT REQUIRED FOR PROCEDURE ENTRY ON GPS PROCEDURES.
16. NOTES: UPDATED CHART NOTE FROM “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C” TO “FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C” – NEW WEATHER DATA RECORDED.
17. NOTES: ADDED “CHART SPEED ICON IN PLANVIEW AT JUPAL: MAX 210 KIAS,” “CHART SPEED ICON IN PLANVIEW AT NXHAL: MAX 210 KIAS” AND “CHART SPEED ICON IN PLANVIEW AT LEWIN: MAX 210 KIAS” – TO MEET MINIMUM LEG DISTANCES, PER ATC, IAW 8260.19I 4-6-10
18. ADDITIONAL FLIGHT DATA: ADDED “CHART 1149 TOWER (39-001883) 390849N/0844111W” – NEW SURVEY, NEW IDENTIFIED IAW 8260.19I 8-6-10.
19. ADDITIONAL FLIGHT DATA: REMOVED “FAS OBST: 1100 AAO 390826.40N/0844022.35W” NEW SURVEY, NO LONGER REQUIRED.
20. ADDITIONAL FLIGHT DATA: UPDATE CHART VDP AT: FROM “1.37 NM TO RW18C” TO 1.30 NM TO RW18C” – NEW FAF LOCATION, UPDATED DG.
21. ADDITIONAL FLIGHT DATA: ADDED “CHART MANDATORY 8000 AT BYRAN,” “CHART MANDATORY 6000 AT NXHAL” AND “CHART MANDATORY 6000 AT LEWIN” – PROCEDURE IS TIED INTO STARS, ATC REQUEST, IAW 8260.19I 8-6-10.

04/08/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/25/2025.
REMOVED CHART PROFILE NOTE: SEE PLANVIEW FOR MULTIPLE IF LOCATIONS.



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

Feb 25, 2025

OFFICE

AJF

02/24/2025

DEVELOPED BY

ERIC N SUSKI (JUDITH TUTTLE)

Digitally signed by

ROBERT G HAMILTON

Feb 25, 2025

OFFICE

AJV-A431

09/25/2023

APPROVED BY

ERIC N SUSKI

Digitally signed by

ROBERT G HAMILTON

Feb 25, 2025

OFFICE

AJV-A431

05/08/2025

TITLE

MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCVG
RUNWAY	RW18C
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18B
LTP/FTP LATITUDE	390353.0730N
LTP/FTP LONGITUDE	0844007.0230W
LTP/FTP ELLIPSOIDAL HEIGHT	+02325
FPAP LATITUDE	390204.3505N
FPAP LONGITUDE	0844007.4705W
THRESHOLD CROSSING HEIGHT (TCH)	00055.1
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	FD326543

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02666
FPAP ORTHOMETRIC HEIGHT	+02666

