

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
RNAV (RNP) 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><b>AIRPORT ID</b></u> KCVG	<u><b>PROCEDURE NAME</b></u> RNAV (RNP) Z RWY 36R	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-D	<u><b>CITY</b></u> COVINGTON	<u><b>STATE</b></u> KY		
<u><b>AIRPORT ELEVATION</b></u> 896	<u><b>TDZE</b></u> 896	<u><b>SUPERSEDED</b></u> RNAV (RNP) Z RWY 36R	<u><b>ORIGINAL/AMENDMENT</b></u> ORIG-C	<u><b>DATED</b></u> 04/04/2013	<u><b>MAG VAR</b></u> 6W	<u><b>EPOCH YEAR</b></u> 2020
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 24 MARCH 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TERMINAL ROUTES**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
FLM VOR/DME		DARKS		TF	FB	1.00	273.08	14.52	6000
DARKS	IAF	NUYLI		TF	FB	1.00	358.93	10.90	5000
NUYLI	IF	LAPER		TF	FB	1.00	006.21	3.14	4000
LAPER		TROYF	PFAF	TF	FB	1.00	006.21	5.02	2400
TROYF	PFAF	RW36R	MAP	TF	FO	0.30	006.21	4.49	
RW36R	MAP	BAIRE		TF	FB	1.00	006.21	11.19	
BAIRE		MOAKS		TF	FO	1.00	082.97	21.51	3000

**MISSED APPROACH**

**MAP:**  
RNP: DA

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 ON TRACK 006.21 TO BAIRE AND TRACK 082.97 TO MOAKS AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT NUYLI

3. FAC: 006.21

PFAF: TROYF

DIST PFAF TO MAP:

DIST PFAF TO THLD:

4. MIN ALT: NUYLI 5000, LAPER 4000, TROYF 2400

5. DIST TO THLD FROM PFAF: 4.49

MM:

IM:

150 HAT:

433 HAT: 1.19

GS ANT:

6. MIN GP INCPT: 2400

GP ALT AT PFAF : TROYF 2400

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 AR APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLM VOR/DME ON V517 SOUTHEAST BOUND AND V57 NORTHBOUND.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

HOLD SW, RT, 060.59 INBOUND.

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
AUTHORIZATION REQUIRED															
RNP 0.30 DA	1329	4000	433	1329	4000	433	1329	4000	433	1329	4000	433			



**CHANGES - REASONS**

1. ADDED PBN REQUIREMENTS NOTE: RNP AR APCH - GPS - PER 8260.19I PARA. 8-6-8B(1).
2. CHANGED NOTE FROM 'FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -16C (4F) OR ABOVE 47C (116F)' TO 'FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -17C OR ABOVE 54C' - PER 8260.19I PARA. 8-6-9R.
3. REMOVED NOTE 'FOR INOPERATIVE ALSF, INCREASE RNP 0.29 AND RNP 0.30 VISIBILITY TO RVR 6000' - NO LONGER REQUIRED.
4. REMOVED NOTE 'GPS REQUIRED' - REPLACED BY PBN REQUIREMENTS NOTE.
5. REMOVED NOTE 'REMOVED NOTE 'USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS' - NOT REQUIRED FOR RNP APPROACHES PER 8260.19I PARA. 8-6-11O(8)(D).
6. CHANGED NOTE FROM 'SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36L/R' TO 'SIMULTANEOUS APPROACH AUTHORIZED' - PER 8260.19I PARA. 8-6-11O(8)(A).
7. ADDED 20:1 IS CLEAR AND 34:1 IS CLEAR TO FORM 8260-3 - PER 8260.19I PARA. 8-6-7G(3)(A).
8. REMOVED 'VIA' FROM MISSED APPROACH INSTRUCTIONS AND CHANGED TRACK 004.21 TO TRACK 006.21 AND CHANGED TRACK 080.97 TO TRACK 082.97 - AIRPORT MAGVAR CHANGED FROM W04 TO W06. WORDING PER CURRENT CRITERIA STANDARD.
9. CHANGED MISSED HOLDING TRACKS FROM 058.59 TO 060.59 - AIRPORT MAGVAR CHANGED FROM W04 TO W06.
10. INCREASED ALL TRACKS 2 DEGREES WEST - AIRPORT MAGVAR CHANGED FROM W04 TO W06.
11. REMOVED RNP FINAL 0.16 AND 0.20 LINES OF MINIMUMS - NO LONGER PROVIDED 50 FT DA REDUCTION OR 1/4 SM VISIBILITY REDUCTION PER 8260.58B PARA. 4-1-1C(2)(A).
12. REMOVED TYPE NOTES AND '#TCH 951.5 MSL (DO NOT CHART)' FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
13. REMOVED CHART FAS OBST... FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED FOR RNP APPROACHES.
14. CHANGED ALTERNATE MINIMUMS FROM NA TO STANDARD - PER 8260.3E TABLE 3-4-1.
15. CHANGED INTERMEDIATE SEGMENT FROM RNP 0.50 TO RNP 1.00 - PER 8260.58B TABLE 1-2-1.
16. LOWERED RNP 0.30 DA RVR FROM 5000 TO 4000 - PER 8260.3E TABLE 3-3-1.
17. CHANGED DIST TO THLD FROM 388 HAT: 1.04 NM TO 433 HAT: 1.19 NM - REMOVED RNP 0.16 LINE OF MINIMUMS.
18. INCORPORATED CHANGES FROM PREVIOUS P-NOTAMS INTO FORM 8260-3.

**COORDINATED WITH:**

**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZID, CVG ATCT, CVG APP CON, AMGR

**FLIGHT CHECKED BY**

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

**DEVELOPED BY**

RALPH DUMAR

*Digitally signed by*

**RALPH DUMAR**

Nov 22, 2021

**OFFICE****OFFICE**

AJV-A422

**DATE****DATE**

10/12/2021

*Digitally signed by*

**CASIMIR L TABAKA**

Dec 06, 2021

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*  
**CASIMIR L TABAKA**

Dec 06, 2021

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER

QUALITY  
20  
CHECKED