

**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> KCVG	<u>PROCEDURE NAME</u> RNAV (GPS) Y RWY 36R	<u>ORIGINAL/AMENDMENT</u> 1E	<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SUPERSEDED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>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 24 MARCH 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
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		TF	FB	1.00	006.21	5.02	2400
TROYF	FAF	RW36R	MAP	TF	FO	0.30	006.21	4.49	
RW36R	MAP	1096 MSL		CA			006.21		
1096 MSL		BAIRE		DF	FB	1.00			
BAIRE		MOAKS		TF	FO	1.00	082.97	21.51	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

MISSED APPROACH INSTRUCTIONS:

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

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
16
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT NUYLI

3. FAF: 006.21FAF: TROYFDIST FAF TO MAP: 4.49DIST FAF TO THLD: 4.49

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

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.45GS ANT:

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

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 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 -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DARKS ON V97 SOUTHBOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FLM VOR/DME AIRWAY RADIALS 195 CW 324.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36L/C.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 1110 TOWER (21-001615) 385955N/0843837W.
HOLD SW, RT, 060.59 INBOUND.
CHART VDP AT 1.24 NM TO RW36R.
WAAS CHANNEL # 42709
REFERENCE PATH ID: W36D
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. ALL MAG COURSES INCREASED 2 DEG - AIRPORT MAGVAR UPDATED FROM 4W/1995 AND 6W/2020 TO 6W/2025.
2. ADDED 20:1 IS CLEAR TO PROFILE LINE #7 - NO OBSTACLES PENETRATE THE 20:1 SURFACE AREA.
3. REMOVED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
4. UPDATED PROFILE NOTE FROM: VGS1 AND RNAV GLIDEPATH NOT COINCIDENT TO VGS1 AND RNAV GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}) - PER . 19I.
5. ADDED MISSED APPROACH DISTANCE BETWEEN BAIRE AND MOAKS (21.51) TO TERMINAL ROUTE - DATA NOT ENTERED ON FORM.
6. INCORPORATED CHANGES FROM P-NOTAMS FROM AMDT 1A THROUGH AMDT 1D - SIMULTANEOUS OPERATIONS, CHART NOTE: ASTERISK, ASTERISK CHART NOTE: RVR 1800 AUTHORIZED AND ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.
7. ADDITIONAL FLIGHT DATA: DELETED CHART FAS OBST 1034 TOWER 390118N/0843759W - VNAV OBST NOT NEED TO BE CHARTED.
8. UPDATED NOTE FROM: CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLM VOR/DME ON V517 SOUTHEAST BOUND TO CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS ON FLM VOR/DME AIRWAY RADIALS 195 CW 324 - IAW 8260.19I.
9. DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLM VOR/DME VIA V517 SOUTHEAST BOUND AND ARRIVALS AT DARKS VIA V97 SOUTHBOUND - NO LONGER REQUIRED.
10. UPDATED VISIBILITY VALUES AS FOLLOWS: LNAV/VNAV ALL CATS VISIBILITY FROM RVR 5000 TO RVR 4500; LNAV CAT C VISIBILITY FROM RVR 4000 TO RVR 5000 - PER 8260.3E.
11. UPDATED FAS DATA BLOCK INFORMATION AS FOLLOWS: LTP/FTP LATITUDE/LONGITUDE FROM 390142.2400N-0843848.4600W TO 390142.2405N-0843848.4560W; FPAP LATITUDE/LONGITUDE FROM 390321.6100N-0843847.9900W TO 390321.0795N-0843848.0045W; COURSE WIDTH AT THRESHOLD FROM 106.50 TO 106.75; LENGTH OFFSET FROM 0016 TO 0000; CRC REMAINDER FROM 8E9C4C2B TO C54FD1FC.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JOHN KEARBY

Digitally signed by
CASIMIR L TABAKA
Dec 20, 2021

OFFICE

FPO

DATE

01/28/2022

DEVELOPED BY

SYLVAN DRAKES

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DATE

09/29/2021

APPROVED BY

JULIE MORGAN

Digitally signed by
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Dec 06, 2021

OFFICE

AJV-A410

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
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

