

**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 18R	<u>ORIGINAL/AMENDMENT</u> 1E	<u>CITY</u> COVINGTON	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 896	<u>TDZE</u> 868	<u>SUPERSEDED</u> RNAV (GPS) Y RWY 18R	<u>ORIGINAL/AMENDMENT</u> 1D	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2025
<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>
DRAEK	IAF	OPHUS		TF	FB	1.00	186.17	3.14	4000
OPHUS	IF	BRITL		TF	FB	1.00	186.17	3.14	3000
BRITL		KRTHY		TF	FB	1.00	186.17	1.88	2400
KRTHY	FAF	RW18R	MAP	TF	FO	0.30	186.17	4.58	
RW18R	MAP	1068 MSL		CA			186.17		
1068 MSL		BEPEE		DF	FB	1.00			
BEPEE		AVIEW		TF	FO	1.00	268.49	18.36	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT BEPEE AND ON 268.49 TRACK TO AVIEW AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT DRAEK

3. FAF: 186.17FAF: KRTHYDIST FAF TO MAP: 4.58DIST FAF TO THLD: 4.58

4. MIN ALT: DRAEK 5000, OPHUS 4000, BRITL 3000, KRTHY 2400

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

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

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 58.1

8. MSA FROM: RW18R 3000

PBN REQUIREMENTS NOTE:

RADAR REQUIRED FOR PROCEDURE ENTRY.
RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18L/C.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.

ADDITIONAL FLIGHT DATA:

CHART: 1155 TOWER (39-001883) 390850.20N/0844109.80W.
HOLD NE, RT, 245.95 INBOUND.
CHART FAS OBST: 1053 TOWER (21-001610) 390405N/0844126W.
CHART VDP AT 1.25 NM TO RW18R.
WAAS CHANNEL # 58099
REFERENCE PATH ID: W18D
CHART CIRCLING ICON.
LTP HAE: 229.5 M

MINIMUMS:

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

ALTERNATE: NA

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 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	1068	1800	200	1068	1800	200	1068	1800	200	1068	1800	200			
LNAV/VNAV DA	1321	4500	453	1321	4500	453	1321	4500	453	1321	4500	453			
LNAV MDA	1320	2400	452	1320	2400	452	1320	4500	452	1320	4500	452			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

QUALITY
33
CHECKED

CHANGES - REASONS

1. INCORPORATED P-NOTAM CHANGES FROM AMDT 1A THROUGH AMDT 1D.
2. PROCEDURE MAG VAR/EPOCH YEAR CHANGED FROM 4W/1995 TO 6W/2025; ALL MAG COURSES INCREASED 2 DEG - AIRPORT MAG VAR UPDATED TO 6W/2025 VALUE.
3. UPDATED CHART NOTE FROM: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS TO USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS - IAW 8260.19I 8-6-11O(8)(D).
4. ADDED 20:1 IS CLEAR TO PROFILE LINE #7 - IAW 8260.19I 8-6-7G(3).
5. DELETED PLANVIEW NOTE RADAR REQUIRED AND ADDED EQUIPMENT REQUIREMENT NOTE RADAR REQUIRED FOR PROCEDURE ENTRY - IAW 8260.19I CRITERIA.
6. REMOVED *LNAV ONLY FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I 1-1-5F(12).
7. MOVED DIST TO THLD FROM 200 FT HAT: 0.45 FROM ADDITIONAL FLIGHT DATA TO PROFILE SECTION LINE # 5 - IAW 8260.19I 8-6-7E(3).
8. UPDATED CHART NOTE FROM: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17°C OR ABOVE 54°C - PER 8260.58B AJV VALIDATED CALCULATOR BASED ON NEW 5 YEAR TEMPERATURE STUDY.
9. UPDATED VISIBILITY VALUES AS FOLLOWS: LNAV/VNAV FROM RVR 5000 ALL CATS TO RVR 4500 ALL CATS; LNAV FROM RVR 4000 CAT C AND RVR 5000 CAT D TO RVR 4500 CATS C/D - UPDATED RVR VALUES PER 8260.3E.
10. ADDITIONAL FLIGHT DATA: REPLACED CHART: 1149 TOWER 390850N/0844110W WITH CHART: 1155 TOWER (39-001883) 390850.20N/0844109.80W; DELETED CHART FAS OBST 941 TWR 390456N/0844112W AND REPLACED CHART FAS OBST: 1058 TOWER 390405N/0844126W WITH 1053 TOWER (21-001610) 390405N/0844126W - UPDATED 7:1/FAS OBSTACLES AND VNAV FAS OBST NO LONGER REQUIRED.
11. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED PER P-NOTAM 1/4919.
12. UPDATED MISSED APPROACH TRACK FROM 266 TO 268.49 - IAW 8260.19I CRITERIA.
13. UPDATED FAS DATA BLOCK INFORMATION AS FOLLOWS: LTP/FTP LATITUDE/LONGITUDE FROM 390415.1760N-0844101.4550W TO 390415.1735N-0844101.4550W; FPAP LATITUDE/LONGITUDE FROM 390251.1500N-0844101.7500W TO 390245.9910N-0844101.7995W; LENGTH OFFSET FROM: 0152 TO 0312; CRC REMAINDER FROM C1FFD0D2 TO D5D172CE.

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
Jan 31, 2022

OFFICE

FPO

DATE

01/27/2022

DEVELOPED BY

SYLVAN DRAKES

Digitally signed by
SYLVAN DRAKES
Jan 10, 2022

OFFICE

AJV-A411

DATE

09/27/2021

APPROVED BY

JULIE MORGAN

Digitally signed by
CASIMIR L TABAKA
Jan 13, 2022

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	RW18R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18D
LTP/FTP LATITUDE	390415.1735N
LTP/FTP LONGITUDE	0844101.4550W
LTP/FTP ELLIPSOIDAL HEIGHT	+02295
FPAP LATITUDE	390245.9910N
FPAP LONGITUDE	0844101.7995W
THRESHOLD CROSSING HEIGHT (TCH)	00058.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0312
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	D5D172CE

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02636
FPAP ORTHOMETRIC HEIGHT	+02636

