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.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
896	889	RNAV (GPS) Y RWY 18L	2	06/12/2025	6W	2025

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
RNAV			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SPUDR	IAF	PHILO		TF	FB	1.00	186.65	3.63	6000
PHILO		CRISM		TF	FB	1.00	186.72	3.19	5000
CRISM		BAIRE		TF	FB	1.00	187.28	3.21	4000
BYRAN	IAF	PIRSE		TF	FB	1.00	122.22	9.21	4700
PIRSE		BAIRE		TF	FB	1.00	122.33	5.00	4000
CRSLY	IAF	NODGE		TF	FB	1.00	242.63	7.37	4700
NODGE		BAIRE		TF	FB	1.00	242.55	5.00	4000
LEWIN	IAF	PEPCO		TF	FB	1.00	006.12	7.32	4500
PEPCO		BAIRE		TF	FB	1.00	096.12	6.95	4000
NXHAL	IAF	NEDDS		TF	FB	1.00	006.23	10.24	4500
NEDDS		BAIRE		TF	FB	1.00	276.28	5.24	4000
BAIRE	IF	FRAZE		TF	FB	1.00	186.21	4.78	2500
FRAZE	FAF	RW18L	MAP	TF	FO	0.30	186.21	4.89	
RW18L	MAP	1089 MSL		CA			186.21		
1089 MSL		LAPER		DF	FB	1.00			
LAPER		FLM VOR/DME		TF	FO	1.00	135.52	20.53	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW18L

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT LAPER AND ON TRACK 135.52 TO FLM VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY 20 CHECKED

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT BAIRE
3. **FAC:** 186.21 **FAF:** FRAZE **DIST FAF TO MAP:** 4.89 **DIST FAF TO THLD:** 4.89
4. **MIN ALT:** BAIRE 4000, FRAZE 2500
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:** FRAZE 2500 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 55.1
8. **MSA FROM:** RW18L 3000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -13°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/VNAV ALL CATS AND LNAV CAT C AND D VISIBILITY TO 1 3/8 SM.
CHART SPEED ICON IN PLANVIEW AT LEWIN: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT NXHAL: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BAIRE: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD SE, LT, 317.00 INBOUND.
FAS OBST: 1103 AAO 390721N/0843803W.
CHART VDP AT 1.26 NM TO RW18L.
WAAS CHANNEL # 40103
REFERENCE PATH ID: W18A
CHART AT OR ABOVE 7000 AT SPUDR.
CHART MANDATORY 7000 AT BYRAN.
CHART AT OR ABOVE 4700 AT PIRSE.
CHART MANDATORY 8000 AT CRSLY.
CHART AT OR ABOVE 4700 AT NODGE.
CHART MANDATORY 6000 AT LEWIN.
CHART AT OR ABOVE 4500 AT PEPCO.
CHART MANDATORY 6000 AT NXHAL.
CHART AT OR ABOVE 4500 AT NEDDS.
LTP HAE: 236.1 M

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY

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	1089	1800	200	1089	1800	200	1089	1800	200	1089	1800	200			
LNAV/VNAV DA	1360	5000	471	1360	5000	471	1360	5000	471	1360	5000	471			
LNAV MDA	1360	2400	471	1360	2400	471	1360	5000	471	1360	5000	471			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

CHANGES - REASONS

1. ADDITIONAL FLIGHT DATA: CHANGED CHART MANDATORY 8000 AT BYRAN TO CHART MANDATORY 7000 AT BYRAN– TO MATCH STAR TERMINUS ALTITUDE.
2. NOTES: CHANGED UNCOMPENSATED BARO-VNAV NA BELOW TEMPERATURE FROM -14°C TO-13°C – UPDATED COLD TEMPERATURE STUDY DATA.
3. ADDITIONAL FLIGHT DATA: REMOVED CHART CIRCLING ICON - NO LONGER REQUIRED IAW REMOVAL OF CIRCLING ICONS MEMO.

COORDINATED WITH:

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

FLIGHT CHECKED BY		OFFICE	DATE
JEFFREY ECKMAN	*Digitally signed by* ***ROBERT G HAMILTON*** Oct 14, 2025	AJF	10/03/2025

DEVELOPED BY		OFFICE	DATE
JANTZEN TAYLOR	*Digitally signed by* ***ROBERT G HAMILTON*** Oct 14, 2025	AJV-A422	07/10/2025

APPROVED BY		OFFICE	DATE	TITLE
RAKE MCGRAW	*Digitally signed by* ***ROBERT G HAMILTON*** Oct 14, 2025	AJV-A422		MANAGER

QUALITY 20 CHECKED

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KCVG
RUNWAY	RW18L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W18A
LTP/FTP LATITUDE	390321.0780N
LTP/FTP LONGITUDE	0843848.0045W
LTP/FTP ELLIPSOIDAL HEIGHT	+02361
FPAP LATITUDE	390142.2390N
FPAP LONGITUDE	0843848.4560W
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	8C939E46

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02701
FPAP ORTHOMETRIC HEIGHT	+02701

QUALITY 20 CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM	TO
SPUDR	PHILO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	3.63				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-000634)	392335.00N/0843624.00W	1197	250	50	4D	1000				AT3803	6000
TERRAIN	392157.00N/0844057.00W	898 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM	TO
PHILO	CRISM

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	3.19				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-002690)	391602.00N/0843611.00W	1189	500	50	5D	1000				AT2811	5000
TERRAIN	391633.00N/0843606.00W	967 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

INITIAL: STEPDOWN

FROM	TO
CRISM	BAIRE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	3.21				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-002690)	391602.00N/0843611.00W	1189	500	50	5D	1000				AT1811	4000
TERRAIN	391600.00N/0843639.00W	948 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM	TO
BYRAN	PIRSE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	9.21				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	392112.00N/0845418.00W	1247	215	8	4B	1000				AT2453	4700
TERRAIN	392103.00N/0845357.00W	1030 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

INITIAL: STEPDOWN

FROM	TO
PIRSE	BAIRE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391342.00N/0843627.00W	1132	215	8	4B	1000				AT1868	4000
TERRAIN	391424.00N/0843730.00W	928 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM	TO
CRSLY	NODGE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.37				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001304)	391624.00N/0843137.00W	1549	100	20	3C	1000				AT2151	4700
TERRAIN	391754.00N/0843036.00W	921 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

INITIAL: STEPDOWN

FROM	TO
NODGE	BAIRE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.00				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391633.00N/0843551.00W	1263	215	8	4B	1000				AT1737	4000
TERRAIN	391633.00N/0843554.00W	1062 (1100)								AS1500	2600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM	TO
LEWIN	PEPCO

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	7.32				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
STACK (39-001209)	390643.40N/0844808.10W	1292	500	50	5D	1000				AT2208	4500
TERRAIN	391224.00N/0844957.00W	935 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM	TO
PEPCO	BAIRE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	6.95				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391342.00N/0843627.00W	1132	215	8	4B	1000				AT1868	4000
TERRAIN	391424.00N/0843730.00W	928 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM	TO
NXHAL	NEDDS

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	10.24				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001892)	391159.60N/0843121.60W	1849	250	50	4D	1000				AT1651	4500
TERRAIN	391151.00N/0843321.00W	944 (900)								AS1500	2400

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

INITIAL: STEPDOWN

FROM	TO
NEDDS	BAIRE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	5.24				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-003769)	391122.23N/0843415.58W	1286	500	50	5D	1000				AT1714	4000
TERRAIN	391124.00N/0843418.00W	961 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM	TO
BAIRE	FRAZE

RNP	DISTANCE	PAT	MAP	HAT	HMAS
1.00	4.78				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001090)	390928.00N/0843603.00W	1195	500	50	5D	500					1700
TERRAIN	390957.00N/0843624.00W	958 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

FINAL: LPV

FROM	TO
FRAZE	RW18L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.89		DA	200	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				1089

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV/VNAV

FROM	TO
FRAZE	RW18L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.89		DA	471	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001491)	390428.00N/0843934.00W	1038	500	50	5D		23.04:1			AC50	1360

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM	TO
FRAZE	RW18L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	4.89		RW18L	471	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390721.00N/0843803.00W	1103	215	8	4B	250					1360

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

MISSED APPROACH: LPV

FROM	TO
DA	FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					920

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
TERRAIN	385312.00N/0843627.00W	971 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV/VNAV

FROM	TO
DA	FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30					1199

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
TERRAIN	385312.00N/0843627.00W	971 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY 20 CHECKED

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

MISSED APPROACH: LNAV

FROM	TO
RW18L	FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30-1.00					1260

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
TERRAIN	385312.00N/0843627.00W	971 (1000)								AS1500	2500

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
CONTROL_TOWER (21-001297)	390226.83N/0843931.96W	1.30	564	1159	20	3	1A	300			1460
CATEGORY B											
CONTROL_TOWER (21-001297)	390226.83N/0843931.96W	1.84	564	1159	20	3	1A	300			1460
CATEGORY C											
TOWER (21-070299)	390355.91N/0843626.72W	2.89	664	1257	20	10	1B	300			1560
CATEGORY D											
TOWER (21-070299)	390355.91N/0843626.72W	3.77	664	1257	20	10	1B	300			1560

CIRCLING REMARKS:

MSA

CENTER	RADIUS
RW18L	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-001241)	393044.00N/0843809.00W	007	27.4	1902	500	50	5D	1000			3000

MSA REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	RNAV (GPS) Y RWY 18L	3	COVINGTON	KY	896	RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CVG TOWER, CVG APP CON, LOUISVILLE FSS

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	CVG	24	CVG		Y	0

BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS

WX REMARKS:

NO BACK-UP ALTIMETER SOURCE NEEDED. 24-HR CONTROL TOWER HAS REDUNDANT ALTIMETER REPORTING EQUIPMENT.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MALSR, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH
RW18L - MALSR, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18C - MALSR, C/LINE, HIRL, TDZ, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18R - ALSF-2, C/LINE, TDZ, HIRL	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36L - ALSF-2, TDZ, C/LINE, HIRL	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36C - ALSF-2, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36R - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
3.00	886.3	55.1			3.00	71.0

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
-13C	+54C	-13C	+13.23C

CRITICAL TEMPERATURE REMARKS:

AVERAGE COLD TEMPERATURE DERIVED FROM 5-YEAR HISTORY (2020-2024).
CRITICAL LOW TEMPERATURE BASED ON ACT.
DESCENT RATE (FPM): STANDARD TEMP 967 HIGH TEMP 1275.

"VISUAL PORTION OF FINAL" PENETRATIONS

QUALITY 20 CHECKED

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT TREES PER EASTEN FPT.

TAA NOT ESTABLISHED PER ATC REQUEST.

MANDATORY ALTITUDES AT BYRAN, CRSLY, LEWIN AND NXHAL DUE TO TERMINUS FIXES USED ON KCVG STARS.
BYRAN AT 7000 WITH STEPDOWN FIX PIRSE AT OR ABOVE 4700 FOR 150 FT/NM SEGMENT CONFIGURATION.
CRSLY AT 8000 WITH STEPDOWN FIX NODGE AT OR ABOVE 4700 FOR 150 FT/NM SEGMENT CONFIGURATION.
AIRSPEED RESTRICTIONS AT LEWIN, NXHAL AND BAIRE PER ATC REQUEST.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	**TO 1000FT POINT**	3.01
WIDTH OF	FINAL	**SEGMENT AT 1000FT POINT**	1.20
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	180.21
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	900
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.69
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.95
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	180.21
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1500FT POINT**	900

THRESHOLD COORDINATES (IF STR-IN)	390321.08N/0843848.00W
ARP COORDINATES	390255.82N/0844004.16W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36R DISTANCE 1.57 NM
FAF COORDINATES	390815.00N/0843846.62W
FIX NAME COORDINATES	IF BAIRE 391302.06N/0843845.27W

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
JANTZEN TAYLOR	AJV-A422	07/10/2025	AERONAUTICAL INFORMATION SPECIALIST

QUALITY 20 CHECKED