FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

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	ILS OR LOC RWY 18L	8	COVINGTON	KY

AIRPORT ELEVATION	TDZE	SUPERSEDED	ORIGINAL/AMENDMENT	DATED	MAG VAR	EPOCH YEAR
896	889	ILS OR LOC RWY 18L	7D	03/24/2022	6W	2025

FACILITY	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE	REQUIRED EFFECTIVE DATE	CANCEL/SUSPEND
I-CIZ			ROUTINE	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
SPUDR/21.53 DME/RADAR	IAF	PHILO/17.90 DME/RADAR					186.20 (I-CIZ)	3.63	6000
PHILO/17.90 DME/RADAR		CRISM/14.71 DME/RADAR					186.20 (I-CIZ)	3.19	5000
CRISM/14.71 DME/RADAR		BAIRE/I-CIZ 11.50 DME/RADAR					186.20 (I-CIZ)	3.21	4000
BYRAN	IAF	PIRSE		TF	FB	1.00	122.25	9.21	4700
PIRSE		BAIRE/I-CIZ 11.50 DME/RADAR		TF	FB	1.00	122.27	5.00	4000
CRSLY	IAF	NODGE		TF	FB	1.00	242.63	7.37	4700
NODGE		BAIRE/I-CIZ 11.50 DME/RADAR		TF	FB	1.00	242.55	5.00	4000
LEWIN	IAF	PEPCO		TF	FB	1.00	006.12	7.32	4500
PEPCO		BAIRE/I-CIZ 11.50 DME/RADAR		TF	FB	1.00	096.12	6.95	4000
NXHAL	IAF	NEDDS		TF	FB	1.00	006.23	10.24	4500
NEDDS		BAIRE/I-CIZ 11.50 DME/RADAR		TF	FB	1.00	276.28	5.24	4000
BAIRE/I-CIZ 11.50 DME/RADAR	IF	FRAZE/I-CIZ 6.72 DME/RADAR					186.20 (I-CIZ)	4.78	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.89 NM AFTER FRAZE/I-CIZ 6.72 DME/RADAR OR AT I-CIZ 1.82 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 120 AND FLM VOR/DME R-339 TO FLM VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
2. PROFILE STARTS AT BAIRE/I-CIZ 11.50 DME/RADAR
3. **FAC:** 186.20 **FAF:** FRAZE/I-CIZ 6.72 DME/RADAR **DIST FAF TO MAP:** 4.89 **DIST FAF TO THLD:** 4.89
4. **MIN ALT:** BAIRE/I-CIZ 11.50 DME/RADAR 4000, FRAZE/I-CIZ 6.72 DME/RADAR 2500
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1030
6. **MIN GS INCPT:** 2500 **GS ALT AT PFAF:** FRAZE/I-CIZ 6.72 DME/RADAR 2500 **OM:** **MM:** **IM:**
7. **GS ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.1
8. **MSA FROM:** ARP KCVG 3000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS. FROM BYRAN, CRSLY, LEWIN, OR NXHAL.

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY AT SPUDR.

NOTES:

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 18L 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, 315.00 INBOUND.
FAS OBST: 1096 AAO 390724N/0843815W.
CHART VDP AT 3.08 DME.
DISTANCE VDP TO THLD 1.26 NM.
CHART AT OR ABOVE 7000 AT SPUDR.
CHART MANDATORY 8000 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.
CHART CIRCLING ICON.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY

MINIMUMS:

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

ALTERNATE: NA [X]

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
S-ILS 18L	1089	1800	200	1089	1800	200	1089	1800	200	1089	1800	200			
S-LOC 18L	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. ADDED PBN SEGMENTS FROM CRSLY, BYRAN, LEWIN AND NXHAL. – PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
2. UPDATED INTERMEDIATE FIX (IF) FROM CRISM TO BAIRE. – PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
3. UPDATED INITIAL FROM “SPUDR/I-CIZ 20.79 DME/RADAR TO PHILO/I-CIZ 17.65 DME/RADAR” TO “SPUDR/21.53 DME/RADAR TO PHILO/17.90 DME/RADAR”; DISTANCE FROM 3.14 TO 3.63. – PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
4. UPDATED INITIAL STEPDOWN FROM “PHILO/I-CIZ 17.65 DME/RADAR TO CRISM/I-CIZ 14.51 DME/RADAR” TO “PHILO/17.90 DME/RADAR TO CRISM/14.71 DME/RADAR”; DISTANCE FROM 3.14 TO 3.19. - PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
5. UPDATED SEGMENT “CRISM/I-CIZ 14.51 DME/RADAR TO BAIRE/I-CIZ 11.37 DME/RADAR” TO “CRISM/14.71 DME/RADAR TO BAIRE/11.50 DME/RADAR”; DISTANCE FROM 3.14 TO 3.21. – PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
6. UPDATED MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON CVG R-109 TO CALIF INT/CVG 19.02 DME AND HOLD” TO “CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 120 AND FLM R-339 TO FLM VOR/DME AND HOLD.” – CVG VORTAC DUE TO DECOMMISSION FY24.
7. REMOVED ALTERNATE MISSED APPROACH. – CHANGED TO PRIMARY MISSED APPROACH; ATC REQUEST.
8. LINE 2: UPDATED FROM PROFILE STARTS AT SPUDR TO BAIRE/I-CIZ 11.50 DME/RADAR. - IAW 8260.19J 8-6-7 B.
9. LINE 3: DISTANCE FAF TO MAP/THLD UPDATED FROM 4.52 NM TO 4.89 NM. - NEW FAF LOCATION.
10. LINE 4: MIN ALT: REMOVED "SPUDR/I-CIZ 20.79 DME/RADAR 7000, PHILO/I-CIZ 17.65 DME/RADAR 6000, CRISM/I-CIZ 14.51 DME/RADAR 5000;" UPDATED "BAIRE/I-CIZ 11.37 DME/RADAR 4000, FRAZE/I-CIZ 6.35 DME/RADAR 2400" TO "BAIRE/I-CIZ 11.50 DME/RADAR 4000, FRAZE/I-CIZ 6.72 DME/RADAR 2500." – IAW 8260.19J 8-6-7 D/ALTITUDE INCREASED PER AIR TRAFFIC/IFP CHECKLIST REQUEST.
11. LINE 5: REMOVED DIST TO THLD FROM MM: 0.44. – NO MIDDLE MARKER DOCUMENTED ON I-CIZ.
12. LINE 6: UPDATED MIN GS INCPT FROM 2400 TO 2500; REMOVED MIN GS INCPT AT MM: 1082. - NO MIDDLE MARKER DOCUMENTED ON I-CIZ.
13. LINE 8: UPDATED MSA FROM CVG VORTAC 2900 TO KCVG 3000. - CVG VORTAC DECOMMISSIOING.
14. ADDED PBN REQUIREMENTS NOTE: “RNP APCH - GPS. FROM BYRAN, CRSLY, LEWIN, OR NXHAL.” – PBN TRANSITIONS ADDED TO PROCEDURE TO CONNECT FROM PBN STARS PER ATC.
15. UPDATED EQUIPMENT REQUIREMENT NOTES: FROM “RADAR REQUIRED FOR PROCEDURE ENTRY” TO “RADAR REQUIRED FOR PROCEDURE ENTRY AT SPUDR.” - HYBRID PROCEDURE; RADAR ONLY REQUIRED AT CONVENTIONAL IAF.
16. ADDED CHART SPEED ICON IN PLANVIEW AT LEWIN: MAX 210K, AT NXHAL: MAX 210 KIAS, AND AT BAIRE: MAX 210 KIAS. – PER FPT/ATC REQUEST.
17. UPDATED ADDITIONAL FLIGHT DATA: MISSED APPROACH HOLD FROM “HOLD E, RT, 288.87 INBOUND” TO “HOLD SE, LT, 315.00 INBOUND.” – MISSED APPROACH INSTRUCTIONS UPDATED PER FPT; CVG VORTAC DECOMMISSIONING.
18. REMOVED CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE FLM VOR/DME, LT, 315.00 INBOUND. – ALTERNATE MISSED APPROACH REMOVED.
19. UPDATED NOTE FROM “CHART VDP AT 3.00 DME; DISTANCE VDP TO THLD 1.08 NM” TO “CHART VDP AT 3.08 DME. DISTANCE VDP TO THLD 1.26 NM.” – FAF MOVED.
20. REMOVED CHART IN PLANVIEW: FLM VOR/DME. – NO LONGER REQUIRED, PART OF PRIMARY MISSED APPROACH.
21. UPDATED MAP FROM "LOC: 4.52 NM AFTER FRAZE/I-CIZ 6.72 DME/RADAR OR AT I-CIZ 1.82 DME" TO "LOC: 4.89 NM AFTER FRAZE/6.72 DME/RADAR OR AT I-CIZ 1.82 DME." - PFAF MOVED.
22. ADDED ADDITIONAL FLIGHT DATA: CHART MANDATORY 8000 AT BYRAN; CHART MANDATORY 8000 AT CRSLY; CHART MANDATORY 6000 AT LEWIN; CHART MANDATORY 6000 AT NXHAL. - IAW 8260.3F 2-2-7(F).
23. ADDED ADDITIONAL FLIGHT DATA: CHART AT OR ABOVE 7000 AT SPUDR; AT OR ABOVE 4700 AT PIRSE; AT OR ABOVE 4700 AT NODGE; AT OR ABOVE 4500 AT PEPCO; AND AT OR ABOVE 4500 AT NEDDS. - PER FPT CHECKLIST; IAW 8260.19J 8-6-11 N.
24. UPDATED ALTERNATE MINIMUMS FROM STANDARD TO NA. - I-CIZ HAS CAT 3 MONITORING; IAW 8260.19J 2-4-6C(1).
25. UPDATED CHART NOTE: FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18C/R" TO "SIMULTANEOUS APPROACH AUTHORIZED." - CVG NOT APPROVED FOR 7110.308.
26. REMOVED ADDITIONAL FLIGHT DATA: CHART LOC RWY 18C/18R. - NO LONGER A REQUIREMENT FROM 8260.19 IMPLEMENTATION E.
27. UPDATED FAS OBST FROM 1032 TOWER (39-020692) 390604N/0843909W TO 1096 AAO 390724.00N/0843815.00W. - NEW EVALUATION COMPLETED.
28. INCREASED S-LOC 18L MDA/HAT FROM 1300/411 TO 1360/471; VISIBILITY CATS C/D FROM 4000 TO 5000. - NEW LOCALIZER CONTROLLING OBSTACLE.
29. UPDATED CHART NOTE: FOR INOPERATIVE ALS, FROM "INCREASE S-LOC 18L CAT C AND D VISIBILITY TO RVR 6000" TO "INCREASE S-LOC 18L CAT C AND D VISIBILITY TO 1 3/8 SM." - NEW EVALUATION COMPLETED.

AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY

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
ERIC L GEYER	*Digitally signed by* ***CASIMIR L TABAKA*** Feb 25, 2025	AJF	02/24/2025

DEVELOPED BY		OFFICE	DATE
CASIMIR L. TABAKA (BARBARA GORMAN)	*Digitally signed by* ***CASIMIR L TABAKA*** Feb 25, 2025	AJV-A432	09/15/2023

APPROVED BY		OFFICE	DATE	TITLE
JOSEPH L. ZEDER	*Digitally signed by* ***CASIMIR L TABAKA*** Feb 25, 2025	AJV-A430	05/08/2025	MANAGER

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

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
SPUDR/21.53 DME/RADAR

TO
PHILO/17.90 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	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	392142.00N/0844139.00W	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: STEPDOWN

FROM
PHILO/17.90 DME/RADAR

TO
CRISM/14.71 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.19				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391633.00N/0843554.00W	1263	215	8	4B	1000				AT2737	5000
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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

INITIAL: STEPDOWN

FROM
CRISM/14.71 DME/RADAR

TO
BAIRE/I-CIZ 11.50 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.21				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	391633.00N/0843554.00W	1263	215	8	4B	1000				AT1737	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
BYRAN

TO
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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

INITIAL: STEPDOWN

FROM	TO
PIRSE	BAIRE/I-CIZ 11.50 DME/RADAR

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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

INITIAL: STEPDOWN

FROM	TO
NODGE	BAIRE/I-CIZ 11.50 DME/RADAR

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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

INITIAL

FROM
PEPCO

TO
BAIRE/I-CIZ 11.50 DME/RADAR

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
NXHAL

TO
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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

INITIAL: STEPDOWN

FROM
NEDDS

TO
BAIRE/I-CIZ 11.50 DME/RADAR

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
BAIRE/I-CIZ 11.50 DME/RADAR

TO
FRAZE/I-CIZ 6.72 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

FINAL: ILS

FROM	TO
FRAZE/I-CIZ 6.72 DME/RADAR	RW18L

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	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: LOC

FROM	TO
FRAZE/I-CIZ 6.72 DME/RADAR	4.89 NM AFTER FRAZE/I-CIZ 6.72 DME/RADAR OR AT I-CIZ 1.82 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.89		4.89 NM AFTER FRAZE/I-CIZ 6.72 DME/RADAR OR AT I-CIZ 1.82 DME	471	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390724.00N/0843815.00W	1096	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:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

MISSED APPROACH: ILS

FROM	TO
DA	FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					920

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (21-000981)	390149.00N/0843022.00W	1319	500	50	5D	1000					2400
TERRAIN	385724.00N/0843715.00W	964 (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: LOC

FROM	TO
4.89 NM AFTER FRAZE/I-CIZ 6.72 DME/RADAR OR AT I-CIZ 1.82 DME	FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					1110

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				3000
TOWER (21-000981)	390149.00N/0843022.00W	1319	500	50	5D	1000					2400
TERRAIN	385724.00N/0843715.00W	964 (1000)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

CIRCLING [ ] ALL CATS [X] CAT A [X] CAT B [X] CAT C [X] 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
ARP KCVG	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	009	27.8	1902	500	50	5D	1000			3000

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CVG	ILS OR LOC RWY 18L	8	COVINGTON	KY	896	I-CIZ

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CVG APP CON, CVG TOWER

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
ASOS	CVG	24	CVG	0	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
I-CIZ	CON TWR	24	3

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MALSR, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH
RW18L - MALSR, TDZ, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18C - MALSR, HIRL, C/LINE, TDZ, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18R - ALSF-2, TDZ, C/LINE, HIRL	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27 - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36L - ALSF-2, HIRL, C/LINE, TDZ	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36C - ALSF-2, TDZ, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36R - ALSF-2, HIRL, C/LINE, TDZ, 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	881.2	1030	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

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

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.

VEGETATION HEIGHT: 100FT PER FPT.

MANDATORY ALTITUDES AT BYRAN, CRSLY, LEWIN AND NXHAL DUE TO TERMINUS FIXES USED ON KCVG STARS.
BRYAN AT 8000 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.

AHT EVALUATED USING STANDARD TEMPERATURE DEVIATION
AHT= 35.00C DELTA ISA = 21.77C

NO ALTERNATE MISSED APPROACH 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**	0.87
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1000FT POINT**	180.20
HIGH TERRAIN IN	FINAL	**SEGMENT CONTAINING 1000FT POINT**	900
DISTANCE FROM	THLD	**TO 1500FT POINT**	4.69
WIDTH OF	FINAL	**SEGMENT AT 1500FT POINT**	1.23
TRUE COURSE OF	FINAL	**SEGMENT CONTAINING 1500FT POINT**	180.20
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
CASIMIR L. TABAKA (BARBARA GORMAN)	AJV-A432	09/15/2023	AERONAUTICAL INFORMATION SPECIALIST