

**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.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
CVG	ILS OR LOC RWY 18R ILS RWY 18R (CAT II)	2	COVINGTON	KY		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
896	868	ILS OR LOC RWY 18R ILS RWY 18R (CAT II)	1C	08/12/2021	6W	2015
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-CJN			ROUTINE			

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>
CRSLY	IAF	KONEC		TF	FB	1.00	251.13	8.30	4700
KONEC		OPHUS		TF	FB	1.00	251.02	5.00	4000
BYRAN	IAF	BOTHS		TF	FB	1.00	120.75	7.13	4700
BOTHS		OPHUS		TF	FB	1.00	120.83	5.00	4000
NXHAL	IAF	FIBMO		TF	FB	1.00	006.23	11.44	4500
FIBMO	IAF	OPHUS		TF	FB	1.00	276.26	6.97	4000
LEWIN	IAF	GOSEC		TF	FB	1.00	006.11	8.52	4500
GOSEC	IAF	OPHUS		TF	FB	1.00	096.09	5.22	4000
WALBY/I-CJN 20.93 DME/RADAR	IAF	VEWIR/I-CJN 17.73 DME/RADAR					186.17 (I-CJN)	3.20	6000
VEWIR/I-CJN 17.73 DME/RADAR		DRAEK/I-CJN 14.53 DME/RADAR					186.17 (I-CJN)	3.20	5000
DRAEK/I-CJN 14.53 DME/RADAR		OPHUS/I-CJN 11.54 DME/RADAR					186.17 (I-CJN)	2.99	4000
OPHUS/I-CJN 11.54 DME/RADAR	IF	KRTHY/I-CJN 6.51 DME/RADAR					186.17 (I-CJN)	5.03	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.95 NM AFTER KRTHY/I-CJN 6.51 DME/RADAR OR AT 1.56 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND FLM VOR/DME R-314 TO JADRO/FLM 43.28 DME/RADAR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
25
CHECKED



MINIMUMS:**TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT****ALTERNATE:** NA ☐ ILS: STANDARD; LOC: 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
S-ILS 18R	1068	1800	200	1068	1800	200	1068	1800	200	1068	1800	200			
S-LOC 18R	1360	2400	492	1360	2400	492	1360	5000	492	1360	5000	492			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

CHANGES - REASONS

1. TERMINAL ROUTES: ADDED "CRSLY TO KONEC" AND "KONEC TO OPHUS" - AIRSPACE REWORK TO ALIGN WITH PBN PROCEDURE.
2. TERMINAL ROUTES: ADDED "BYRAN TO BOTHS" AND "BOTHS TO OPHUS" - AIRSPACE REWORK TO ALIGN WITH PBN PROCEDURE.
3. TERMINAL ROUTES: CHANGED FROM "DRAEK/I-CJN 14.30 DME/RADAR TO OPHUS/I-CJN 11.16 DME/RADAR TO BRITL/I-CJN 8.02 DME/RADAR TO KRTHY/I-CJN 6.14 DME/RADAR" TO "WALBY/I-CJN 20.93 DME/RADAR TO VEWR/I-CJN 17.73 DME/RADAR TO DRAEK/I-CJN 14.53 DME/RADAR TO OPHUS/I-CJN 11.54 DME/RADAR TO KRTHY/I-CJN 6.51 DME/RADAR" – SEGMENT REPLACED TO ALIGN WITH PBN PROCEDURE.
4. TERMINAL ROUTES: ADDED "NXHAL TO FIBMO" AND "FIBMO TO OPHUS" - AIRSPACE REWORK TO ALIGN WITH PBN PROCEDURE.
5. TERMINAL ROUTES: ADDED "LEWIN TO GOSEC" AND "GOSEC TO OPHUS" - AIRSPACE REWORK TO ALIGN WITH PBN PROCEDURE.
6. MISSED APPROACH: UPDATED FROM "LOC: 4.58 MILES AFTER KRTHY/I-CJN 6.14 DME/RADAR OR AT I-CJN 1.56 DME FIX" TO "LOC: 4.95 NM AFTER KRTHY/I-CJN 6.51 DME/RADAR OR AT 1.56 DME" – UPDATED FAF LOCATION FOR RWY 18R TO ALIGN WITH PBN PROCEDURE.
7. MISSED APPROACH INSTRUCTIONS: CHANGED FROM "CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 3000 VIA CVG-R244 TO AVIEW INT/CVG 20.01 DME AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 VIA HEADING 270 AND FLM VOR/DME R-314 TO JADRO/FLM 43.27 DME AND HOLD SE, RT, 313.53 INBOUND. DME REQUIRED" TO "CLIMB TO 1300 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND FLM VOR/DME R-314 TO JADRO/FLM 43.28 DME/RADAR AND HOLD" - ALTERNATE MA BECAME PRIMARY MA.
8. PROFILE LINE 2: UPDATED FROM "PROFILE STARTS AT DRAEK" TO "PROFILE STARTS AT OPHUS/I-CJN 11.54 DME/RADAR" – IAW 8260.19J 8-6-7.
9. PROFILE LINE 3: UPDATED FAC FROM "184.17" TO "186.17" AND FAF FROM "KRTHY/I-CJN 6.14 DME/RADAR" TO "KRTHY/I-CJG 6.51 DME/RADAR" AND DIST FAF TO MAP AND DIST FAF TO THLD FROM "4.58" TO "4.95" – NEW MAGVAR AND NEW FAF LOCATION.
10. PROFILE LINE 4: CHANGED FROM "DRAEK 5000, OPHUS 4000*, BRITL 3000*, KRTHY 2400" TO "OPHUS/I-CJN 11.54 DME/RADAR 4000, KRTHY/I-CJN 6.51 DME/RADAR 2500" – IAW 8260.19J 8-6-7.
11. PROFILE LINE 6: CHANGED MIN GS INCPT FROM "2400" TO "2500" AND GS ALT AT FAF FROM "KRTHY/I-CJN 6.14 DME/RADAR 2400" TO "KRTHY/I-CJN 6.51 DME/RADAR 2500" - NEW FAF LOCATION AND ALTITUDE TO ALIGN WITH PBN PROCEDURE.
12. PROFILE LINE 8: UPDATED MSA FROM "CVG VORTAC 2900" TO "ARP KCVG 3000" – CVG VORTAC DECOMMISSIONING.
13. PBN REQUIREMENT NOTES: ADDED "RNP APCH-GPS. FROM BYRAN, CRSLY, GOSEC, FIBMO, LEWIN AND NXHAL." – IAW 8260.19J 8-6-8.
14. EQUIPMENT REQUIREMENT NOTES: ADDED "RADAR REQUIRED FOR PROCEDURE ENTRY AT WALBY" - IAW 8260.19J 8-6-9.
15. EQUIPMENT REQUIREMENT NOTES: ADDED "DME OR RADAR REQUIRED" AND REMOVED FROM NOTES SECTION - IAW 8260.19J 8-6-9.
16. NOTES: CHANGED FROM "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18C AND 18L" TO "CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 18L/C" – IAW 8260.19J 8-6-12.
17. NOTES: REMOVED "CHART PLANVIEW NOTE: RADAR REQUIRED" - IAW 8260.19J, 8-6-9.
18. NOTES: ADDED "CHART NOTE: FOR INOPERATIVE ALS: INCREASE S-LOC 18R CAT C/D VISIBILITY TO 1 3/8 SM." – IAW 8260.3E 3-3-2.
19. NOTES: ADDED "CHART SPEED ICON IN PLANVIEW AT NXHAL: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT FIBMO: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT LEWIN: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT GOSEC: MAX 210 KIAS", "CHART SPEED ICON IN PLANVIEW AT WALBY: MAX 210 KIAS" AND "CHART SPEED ICON IN PLANVIEW AT OPHUS: MAX 210 KIAS" - TO MEET MINIMUM LEG DISTANCES, IAW 8260.19J 4-6-10.
20. NOTES: ADDED "CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" - IAW 8260.19J 8-6-12.
21. ADDITIONAL FLIGHT DATA: REMOVED "CHART IN PLANVIEW: JADRO/FLM 43.27 DME" – NO LONGER REQUIRED, ALTERNATE MA IS NOW THE PRIMARY MA.
22. ADDITIONAL FLIGHT DATA: REMOVED "CHART ALTERNATE MA HOLDING, HOLD SE JADRO/FLM 43.24 DME, RT, 313.53 INBOUND" - NO LONGER REQUIRED, ALTERNATE MA IS NOW THE PRIMARY MA.
23. ADDITIONAL FLIGHT DATA: CHANGED FROM "HOLD NE, RT, 243.95 INBOUND" TO "HOLD SE, RT, 313.53 INBOUND" – NEW PRIMARY MA HOLD.
24. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART FAS OBST: 966 TREE 390612N/0844103W" TO "FAS OBST: 1103 AAO 390827N/0844024W" - NEW SURVEY, NEW FAS OBST IAW 8260.19J 8-6-11.
25. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART 1148 TOWER 390850N/0844110W" TO "CHART 1149 TOWER (39-001883) 390849N/0844111W - NEW SURVEY, NEW 7:1 OBST IAW 8260.19J 8-6-11.
26. ADDITIONAL FLIGHT DATA: CHANGED FROM "CHART VDP AT 2.73 DME" TO "CHART VDP AT 2.93 DME" - NEW FAF LOCATION AND IAW 8260.19J 8-6-11.
27. ADDITIONAL FLIGHT DATA: CHANGED FROM "DISTANCE VDP TO THLD 1.17 MILES" TO "DISTANCE VDP TO THLD 1.37 NM" - NEW FAF LOCATION AND IAW 8260.19J 8-6-11.
28. ADDITIONAL FLIGHT DATA: ADDED NOTE "CHART MANDATORY 8000 AT BYRAN", "CHART MANDATORY 8000 AT CRSLY", "CHART MANDATORY 6000 AT NXHAL", "CHART MANDATORY 6000 AT LEWIN" AND "CHART AT OR ABOVE 7000 AT WALBY" - ATC REQUEST TO ENSURE VERTICAL SEPARATION BETWEEN AIRCRAFT ON APPROACH AND OTHER TRACON TRAFFIC.
29. ALTERNATE: CHANGED ILS FROM "STANDARD CAT D 700-2" TO "STANDARD" - 8260.19J 8-6-12.
30. MINIMUMS: CHANGED S-LOC 18R MDA/HAT ALL CATS FROM "1300/432" TO "1360/492" - NEW CONTROLLING OBSTACLE.



COORDINATED WITH:

A4A

☒

ALPA

☒

AOPA

☒

APA

☒

HAI

☐

NBAA

☒

OTHER: ZID, CVG APP CON, CVG ATCT, AMGR

FLIGHT CHECKED BY

ERIC L GEYER

Digitally signed by

ROBERT G HAMILTON

Feb 26, 2025

OFFICE

AJF

DATE

02/25/2025

DEVELOPED BY

ERIC N SUSKI (EMMANUEL R. GONZALES)

Digitally signed by

ROBERT G HAMILTON

Feb 26, 2025

OFFICE

AJV-A431

DATE

08/15/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ROBERT G HAMILTON

Feb 26, 2025

OFFICE

AJV-A431

DATE

05/08/2025

TITLE

MANAGER



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

<u>AIRPORT ID</u> CVG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18R ILS RWY 18R (CAT II)	<u>AMDT NO.</u> 2	<u>CITY</u> COVINGTON	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 896	<u>FACILITY</u> I-CJN
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

<u>FROM</u> CRSLY	<u>TO</u> KONEC
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<u>RNP</u> 1.00	<u>DISTANCE</u> 8.30	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-001304)	391624.00N/0843137.00W	1549	100	20	3C	1000				AT2151	4700
TERRAIN	391545.00N/0843400.00W	921 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL: STEPDOWN

<u>FROM</u> KONEC	<u>TO</u> OPHUS
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<u>RNP</u> 1.00	<u>DISTANCE</u> 5.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
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<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
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

BYRAN

TO

BOTHS

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
1.00	7.13										
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:

INITIAL: STEPDOWN

FROM

BOTHS

TO

OPHUS

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
1.00	5.00										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001463)	391420.20N/0844035.80W	1124	500	50	5D	1000				AT1876	4000
TERRAIN	391527.00N/0844100.00W	872 (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

FIBMO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	11.44				

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-001892)	391159.60N/0843121.60W	1849	250	50	4D	1000				AT1651	4500
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:

INITIAL

FROM

FIBMO

TO

OPHUS

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>
1.00	6.97				

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-001892)	391159.60N/0843121.60W	1849	250	50	4D	1000				SA-609 AT1760	4000
TERRAIN	391203.00N/0843606.00W	951 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

LEWIN

TO

GOSEC

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
1.00	8.52										
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

FROM

GOSEC

TO

OPHUS

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
1.00	5.22										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001463)	391420.20N/0844035.80W	1124	500	50	5D	1000				AT1876	4000
TERRAIN	391527.00N/0844100.00W	872 (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

WALBY/I-CJN 20.93 DME/RADAR

TO

VEWIR/I-CJN 17.73 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.20				

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

VEWIR/I-CJN 17.73 DME/RADAR

TO

DRAEK/I-CJN 14.53 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	3.20				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (39-001780)	391728.50N/0843706.40W	1163	20	3	1A	1000				AT2837	5000
TERRAIN	391906.00N/0844048.00W	862 (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

DRAEK/I-CJN 14.53 DME/RADAR

TO

OPHUS/I-CJN 11.54 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
	2.99										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	391633.00N/0843554.00W	1263	215	8	4B	1000				AT1737	4000
TERRAIN	391418.00N/0844012.00W	882 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INTERMEDIATE

FROM

OPHUS/I-CJN 11.54 DME/RADAR

TO

KRTHY/I-CJN 6.51 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	5.03										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	391157.00N/0843618.00W	1139	215	8	4B	500				DG861	2500
TERRAIN	390918.00N/0844021.00W	912 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: ILS

FROM

KRTHY/I-CJN 6.51 DME/RADAR

TO

RW18R

<u>RNP</u>		<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u> DA			<u>HAT</u> 200			<u>HMAS</u>		
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
								ASC				1068

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS CAT II

FROM

KRTHY/I-CJN 6.51 DME/RADAR

TO

RW18R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u> DA				<u>HAT</u> 100	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				968

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC

FROM

KRTHY/I-CJN 6.51 DME/RADAR

TO

4.95 NM AFTER KRTHY/I-CJN 6.51 DME/RADAR OR AT 1.56 DME

RNP

DISTANCE

4.95

PAT

MAP

4.95 NM AFTER KRTHY/I-CJN 6.51 DME/RADAR OR AT 1.56 DME

HAT

492

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390827.00N/0844024.00W	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:

MISSED APPROACH: ILS

FROM

DA

TO

JADRO/FLM 43.28 DME/RADAR

RNP

DISTANCE

PAT

MAP

HAT

HMAS

897

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
TOWER (18-000400)	385755.00N/0845651.00W	1252	500	50	5D	1000				SA-42	2300
TERRAIN	390309.00N/0844027.00W	941 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH: ILS CAT II

FROM

DA

TO

JADRO/FLM 43.28 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
TOWER (18-000400)	385755.00N/0845651.00W	1252	500	50	5D	1000				SA-42	2300
TERRAIN	390309.00N/0844027.00W	941 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LOC

FROM

4.95 NM AFTER KRTHY/I-CJN 6.51 DME/RADAR OR AT 1.56 DME

TO

JADRO/FLM 43.28 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 1110			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				4000
TOWER (18-000400)	385755.00N/0845651.00W	1252	500	50	5D	1000				SA-42	2300
TERRAIN	390309.00N/0844027.00W	941 (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

CVG

PROCEDURE NAME

ILS OR LOC RWY 18R
ILS RWY 18R (CAT II)

AMDT NO.

2

CITY

COVINGTON

STATE

KY

AIRPORT ELEVATION

896

FACILITY

I-CJN

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

ARP KCVG

RADIUS

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:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CVG APP CON, CVG TOWER, ZID ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> CVG	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> CVG	<u>DISTANCE</u> 0	<u>WMSCR</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>WMSCR</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

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

<u>PRIMARY NAVAID</u> I-CJN	<u>MONITOR POINT</u> CVG ATCT	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW09 - MALSR, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH
RW18L - MALSR, HIRL, C/LINE, TDZ, 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, C/LINE, HIRL, TDZ	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27 - MALSR, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36L - ALSF-2, C/LINE, HIRL, TDZ	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36C - ALSF-2, C/LINE, HIRL, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36R - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 864.7	<u>TCH</u> 58.1	<u>ELEV GS ANTENNA</u> 859.8	<u>DISTANCE FROM RWY</u> 1141	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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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.

100 FT TREES PER FPT.

NO VGSI FOR RWY 18R.

STEPDOWN FIX KONEC AOA 4700 FOR 150'/NM CONFIGURATION SEGMENT PER FPT.

STEPDOWN FIX BOTHS AOA 4700 FOR 150'/NM CONFIGURATION SEGMENT PER FPT.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1149 TOWER (39-001883) 390849.43N/0844111.32W.

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	3.07
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.17
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.75
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.24
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.17
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	390415.17N/0844101.46W
ARP COORDINATES	390255.82N/0844004.16W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36R DISTANCE 1.57 NM
FAF COORDINATES	390912.60N/0844100.32W
FIX NAME COORDINATES	IF OPHUS 391414.55N/0844059.17W

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ERIC N SUSKI (EMMANUEL R. GONZALES)	AJV-A431	08/15/2024	AERONAUTICAL INFORMATION SPECIALIST

