

**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> CVG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 36R ILS RWY 36R (CAT II) ILS RWY 36R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 9	<u>CITY</u> COVINGTON	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 896	<u>TDZE</u> 896	<u>SUPERSEDED</u> ILS OR LOC RWY 36R ILS RWY 36R (CAT II) ILS RWY 36R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 8C	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-EEI	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
BRCAT	IAF	ZAMKU		TF	FB	1.00	186.12	9.75	4500
ZAMKU		LAPER/I-EEI 11.43 DME/RADAR		TF	FB	1.00	096.11	6.92	4000
RUPPP	IAF	WUGVO		TF	FB	1.00	186.33	8.22	4500
WUGVO		LAPER/I-EEI 11.43 DME/RADAR		TF	FB	1.00	276.28	5.24	4000
SPOOD	IAF	BASJA		TF	FB	1.00	343.09	10.17	4600
BASJA		LAPER/I-EEI 11.43 DME/RADAR		TF	FB	1.00	343.04	4.00	4000
DAWGY	IAF	JOBUR		TF	FB	1.00	313.65	10.25	4600
JOBUR		LAPER/I-EEI 11.43 DME/RADAR		TF	FB	1.00	313.52	4.00	4000
FECTA	IAF	MAGTV		TF	FB	1.00	080.47	12.43	4600
MAGTV		LAPER/I-EEI 11.43 DME/RADAR		TF	FB	1.00	080.63	4.00	4000
KYKAT/I-EEI 21.03 DME/RADAR	IAF	SNPPR/I-EEI 17.83 DME/RADAR					006.20 (I-EEI)	3.20	6000
SNPPR/I-EEI 17.83 DME/RADAR		NUYLI/I-EEI 14.63 DME/RADAR					006.20 (I-EEI)	3.20	5000
NUYLI/I-EEI 14.63 DME/RADAR		LAPER/I-EEI 11.43 DME/RADAR					006.20 (I-EEI)	3.20	4000
LAPER/I-EEI 11.43 DME/RADAR	IF	TROYF/I-EEI 6.67 DME/RADAR					006.20 (I-EEI)	4.76	2500

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.86 NM AFTER TROYF/I-EEI 6.67 DME/RADAR OR AT I-EEI 1.81 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT FLM VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
39
CHECKED

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)				
2.	PROFILE STARTS AT LAPER/I-EEI 11.43 DME/RADAR									
3.	FAC:	006.20	FAF:	TROYF/I-EEI 6.67 DME/RADAR	DIST FAF TO MAP:	4.86	DIST FAF TO THLD:	4.86		
4.	MIN ALT:	LAPER/I-EEI 11.43 DME/RADAR 4000,	TROYF/I-EEI 6.67 DME/RADAR 2500,	GENVE/I-EEI 3.16 DME/RADAR 1380						
5.	DIST TO THLD FROM OM:	MM:	IM:	877.00	100 HAT:	0.14	150 HAT:	GS ANT:	1070	
6.	MIN GS INCPT:	2500	GS ALT AT PFAF:	TROYF/I-EEI 6.67 DME/RADAR 2500	OM:		MM:		IM:	997
7.	GS ANGLE:	3.00	34:1:	20:1:	TCH:	55.3				
8.	MSA FROM:	ARP KCVG 3000								

PBN REQUIREMENTS NOTE:

RNP APCH-GPS. FROM BRCAT OR RUPPP OR FECTA OR SPOOD OR DAWGY.

EQUIPMENT REQUIREMENTS NOTES:

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

NOTES:

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36R: CAT A, B, C, D, RA 97, RVR 1200, HAT 100, DA 996 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36R: CAT A, B, C, D, RVR 600
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 36R CAT C AND D VISIBILITY TO 1 3/8 SM.
CHART SPEED ICON IN PLANVIEW AT BRCAT: AT 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT ZAMKU: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT RUPPP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT WUGVO: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT KYKAT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LAPER: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART LOC RWY 36C/36L
HOLD SE, LT, 315.00 INBOUND.
CHART FAS OBST: 1109 TOWER (21-001615) 385955N/0843837W.
CHART MANDATORY 6000 AT BRCAT.
CHART AT OR ABOVE 4500 AT ZAMKU.
CHART MANDATORY 6000 AT RUPPP.
CHART AT OR ABOVE 4500 AT WUGVO.
CHART MANDATORY 8000 AT SPOOD.
CHART MANDATORY 8000 AT DAWGY.
CHART MANDATORY 8000 AT FECTA.
CHART AT OR ABOVE 7000 AT KYKAT.



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 36R	1096	1800	200	1096	1800	200	1096	1800	200	1096	1800	200			
S-LOC 36R	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. DELETED ROUTE FROM FLM VOR/DME TO KYKAT/I-EEI 20.75 DME/RADAR – IAW KCVG AIRSPACE MODERNIZATION.
2. ADDED PBN SEGMENTS FROM SPOOD, FECTA, DAWGY, WUGVO, ZAMKU – KCVG AIRSPACE MODERNIZATION.
3. MISSED APPROACH INSTRUCTIONS: CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM “CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA CVG R-059 TO MOAKS INT/CVG 29.00 DME AND HOLD” TO “CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT FLM VOR/DME AND HOLD.” – CVG VORTAC DECOMMISSION, ALTERNATE MISSED BECAME PRIMARY.
4. DELETED ALTERNATE MISSED APPROACH INSTRUCTIONS – ALTERNATE MISSED BECAME PRIMARY, FPT REQUESTED NOT TO HAVE ALTERNATE.
5. PROFILE LINE 2: CHANGED FROM “PROFILE STARTS AT KYKAT/I-EEI 20.75 DME/RADAR” TO “PROFILE STARTS AT LAPER/I-EEI 11.43 DME/RADAR” – IAW 8260.19J, 8-6-7B(3)(B).
6. PROFILE LINE 3: FAC: CHANGED FROM “006.21” TO “006.20”, FAF: CHANGED FROM “FAF: TROYF/I-EEI 6.30 DME/RADAR” TO “PFAF: TROYF/6.67 DME/RADAR”, CHANGED “DIST FAF TO MAP: 4.49” TO “DIST PFAF TO MAP: 4.86”, CHANGED “DIST FAF TO THLD: 4.49” TO “DIST PFAF TO THLD: 4.86” – LOCATION OF PFAF CHANGED DUE TO NEW ALTITUDE.
7. PROFILE LINE 4: CHANGED FROM “KYKAT/I-EEI 20.75 DME/RADAR 7000, SNPPR/I-EEI 17.61 DME/RADAR 6000, NUyli/I-EEI 14.47 DME/RADAR 5000, LAPER/I-EEI 11.33 DME/RADAR 4000, TROYF/I-EEI 6.30 DME/RADAR 2400” TO “LAPER/I-EEI 11.43 DME/RADAR 4000, TROYF/I-EEI 6.67 DME/RADAR 2500, GENVE/I-EEI 3.16 DME/RADAR 1380.”– DUE TO UPDATED FINAL APPROACH COURSE FOR CVG AIRSPACE MODERNIZATION. IAW 8260.19J 8-6-7D.
8. PROFILE LINE 5: IM: CHANGED FROM “878.00” TO “877.00” HAT: CHANGED FROM “200 HAT: 0.45” TO “100 HAT: 0.14” – NEW IM LOCATION.
9. PROFILE LINE 6: CHANGED MIN GS INCPT: “2400” TO “2500” AND “GS ALT AT FAF: TROYF/I-EEI 6.30 DME/RADAR 2400” TO “GS ALT AT PFAF: TROYF/6.67 DME 2500” – DUE TO CHANGE IN PFAF LOCATION AND ALTITUDE.
10. PROFILE LINE 8: MSA CHANGED FROM “CVG VORTAC 2900” TO “ARP KCVG 3000” – KCVG VORTAC DECOMMISSION, IAW 8260.19J 8-6-7.H.
11. NOTES: REMOVED “CHART PLANVIEW NOTE: DME OR RADAR REQUIRED”; ADDED “DME OR RADAR REQUIRED” TO EQUIPMENT REQUIREMENTS NOTES – IAW 8260.19J 8-6-8A.
12. ADDED EQUIPMENT REQUIREMENTS NOTE “RADAR REQUIRED FOR PROCEDURE ENTRY AT KYKAT. - IAW 8260.19J 8-6-8.
13. NOTES: UPDATE VGSI AND ILS GLIDEPATH NOT COINCIDENT NOTE FROM “CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.” TO “CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE/TCH{FEET}}). – IAW 8260.19J 8-6-9M(1).
14. NOTES: ADDED RNAV SPEED RESTRICTIONS: CHART SPEED ICON IN PLANVIEW AT BRCAT: MAX 210KIAS, CHART SPEED ICON IN PLANVIEW AT RUPPP: MAX 210 KIAS CHART SPEED ICON IN PLANVIEW AT KYKAT: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT LAPER: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT WUGVO: MAX 210 KIAS, CHART SPEED ICON IN PLANVIEW AT ZAMKU: MAX 210 KIAS. - DUE TO LEG LENGTH REQUIREMENTS, IAW 8260.19J, 4-6-10G, 8260.58C, 1-2-5.C(2), TBL 1-2-2.
15. ADDITIONAL FLIGHT DATA: UPDATED MISSED APPROACH HOLDING FROM “HOLD SW, RT, 058.59 INBOUND.” TO “HOLD SE, LT, 315.00 INBOUND.” – ALTERNATE BECAME PRIMARY MA.
16. ADDITIONAL FLIGHT DATA: REMOVED: “CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE FLM VOR/DME, LT, 315.00 INBOUND.” – DUE TO THE REMOVAL OF THE ALTERNATE MISSED APPROACH.
17. ADDITIONAL FLIGHT DATA: UPDATED CHART FAS OBST NOTE FROM: “CHART FAS OBST:1110 TOWER 385955N/0843837W.” TO “CHART FAS OBST: 1109 TOWER (21-001615) 385955N/0843837W..” – NEW CONTROLLING OBSTACLE, IAW 8260.19J 8-6-10.C. AND E.
19. ADDITIONAL FLIGHT DATA: REMOVED CHART VDP – NOT REQUIRED FIX WITHIN 0.5 NM.
18. ADDITIONAL FLIGHT DATA: REMOVED “CHART IN PLANVIEW: FLM VOR/DME.” – IAW 8260.19I 8-6-6.H(2). DUE TO REMOVAL OF ALTERNATE MISSED APPROACH.
19. MAP: CHANGED FROM “4.49 MILES AFTER TROYF/I-EEI 6.30 DME/RADAR OR AT I-EEI 1.81 DME FIX” TO “4.86 NM AFTER TROYF/I-EEI 6.67 DME/RADAR OR AT I-1.81 DME - NEW FAF LOCATION.
20. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 6000 AT BRCAT, CHART MANDATORY 6000 AT RUPPP, CHART MANDATORY 8000 AT SPOOD, CHART MANDATORY 8000 AT DAWGY, CHART MANDATORY 8000 AT FECTA. - IAW 8260-19J 8-6-11.N.
21. ADDITIONAL FLIGHT DATA: ADDED CHART AT OR ABOVE 4500 AT WUGVO, CHART AT OR ABOVE 4500 AT ZAMKU, AND CHART AT OR ABOVE 7000 AT LAPER. - IAW 8260.19J.
22. TERMINAL ROUTES: ADDED SEGMENTS BRCAT TO ZAMKU AND RUPPP TO WUGVO. - KCVG AIRSPACE MODERNIZATION.



04/24/2025: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/28/2025.
PBN REQUIREMENTS NOTE: DELETED WUGVO AND ZAMKU. ADDED BRCAT AND RUPPP.

AIRPORT ID
CVG

PROCEDURE NAME
ILS OR LOC RWY 36R
ILS RWY 36R (CAT II)
ILS RWY 36R (CAT III)

ORIGINAL/AMENDMENT
9

CITY
COVINGTON

STATE
KY

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
CASIMIR L TABAKA
Feb 28, 2025

OFFICE

AJF

DATE

02/26/2025

DEVELOPED BY

ERIC N SUSKI (ZACHARY KRUEGER)

Digitally signed by
CASIMIR L TABAKA
Feb 28, 2025

OFFICE

AJV-A431

DATE

10/04/2023

APPROVED BY

ERIC N SUSKI

Digitally signed by
CASIMIR L TABAKA
Feb 28, 2025

OFFICE

AJV-A431

DATE

05/08/2025

TITLE

MANAGER

QUALITY
39
CHECKED

**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 36R ILS RWY 36R (CAT II) ILS RWY 36R (CAT III)	<u>AMDT NO.</u> 9	<u>CITY</u> COVINGTON	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 896	<u>FACILITY</u> I-EEI
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

<u>FROM</u> BRCAT	<u>TO</u> ZAMKU
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<u>RNP</u> 1.00	<u>DISTANCE</u> 9.75	<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 (21-020422)	390026.84N/0844600.35W	1180	50	20	2C	1000				AT2320	4500
TERRAIN	390000.00N/0844654.00W	902 (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> ZAMKU	<u>TO</u> LAPER/I-EEI 11.43 DME/RADAR
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<u>RNP</u> 1.00	<u>DISTANCE</u> 6.92	<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 (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT1763	4000
TERRAIN	385124.00N/0843951.00W	921 (900)								AS1500	2500

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
39
CHECKED

INITIAL

FROM

RUPPP

TO

WUGVO

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	8.22										
<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 (21-091186)	385455.65N/0843226.10W	1221	250	50	4D	1000				AT2279	4500
TERRAIN	385415.00N/0843333.00W	958 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

WUGVO

TO

LAPER/I-EEI 11.43 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.24										
<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 (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT1763	4000
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:



INITIAL

FROM
SPOOD

TO
BASJA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	10.17										
<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 (21-022430)	384119.00N/0843507.00W	1437	50	3	2A	1000				AT2163	4600
TERRAIN	383945.00N/0843445.00W	994 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AOA 4600 AT BASJA, TO ENSURE 150 FT PER NM DESCENT CONFIGURATION

INITIAL: STEPDOWN

FROM
BASJA

TO
LAPER/I-EEI 11.43 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	4.00										
<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 (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT1763	4000
TERRAIN	385215.00N/0843645.00W	944 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL

FROM

DAWGY

TO

JOBUR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	10.25										
<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 (21-001315)	384941.00N/0843604.00W	1175	20	3	1A	1000				AT2425	4600
TERRAIN	384809.00N/0843539.00W	938 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AOA 4600 AT JOBUR, TO ENSURE 150 FT PER NM DESCENT CONFIGURATION

INITIAL: STEPDOWN

FROM

JOBUR

TO

LAPER/I-EEI 11.43 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	4.00										
<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 (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT1763	4000
TERRAIN	385306.00N/0843609.00W	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

FECTA

TO

MAGTV

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	12.43										
<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	384915.00N/0845927.00W	1093	215	8	4B	1000				AT2507	4600
TERRAIN	384915.00N/0845927.00W	892 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

AOA 4600 AT FECTA, TO ENSURE 150 FT PER NM DESCENT CONFIGURATION

INITIAL: STEPDOWN

FROM

MAGTV

TO

LAPER/I-EEI 11.43 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	4.00										
<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 (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT1763	4000
TERRAIN	385124.00N/0843951.00W	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

FROM

KYKAT/I-EEI 21.03 DME/RADAR

TO

SNPPR/I-EEI 17.83 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
	3.20										
<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 (21-001744)	384546.64N/0843625.12W	1265	50	20	2C	1000				AT3735	6000
TERRAIN	384233.00N/0843621.00W	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: STEPDOWN

FROM

SNPPR/I-EEI 17.83 DME/RADAR

TO

NUYLI/I-EEI 14.63 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>			<u>HMAS</u>	
	3.20										
<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 (21-001744)	384546.64N/0843625.12W	1265	50	20	2C	1000				AT2735	5000
TERRAIN	384548.00N/0843624.00W	944 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM

NUYLI/I-EEI 14.63 DME/RADAR

TO

LAPER/I-EEI 11.43 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 (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT1763	4000
TERRAIN	384906.00N/0843627.00W	941 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM

LAPER/I-EEI 11.43 DME/RADAR

TO

TROYF/I-EEI 6.67 DME/RADAR

RNP	DISTANCE	PAT	MAP	HAT	HMAS
	4.76				

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	500				AT751	2500
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:



FINAL: ILS CAT II

FROM

TROYF/I-EEI 6.67 DME/RADAR

TO

RW36R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	4.86		DA				100				
<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				996

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: ILS

FROM

TROYF/I-EEI 6.67 DME/RADAR

TO

RW36R

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	4.86		DA				200				
<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				1096

COMPUTATIONS

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

SEGMENT REMARKS:



FINAL: LOC

FROM

TROYF/I-EEI 6.67 DME/RADAR

TO

GENVE/I-EEI 3.16 DME/RADAR

RNP	DISTANCE	PAT	MAP				HAT	HMAS			
	3.52										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	385721.00N/0843809.00W	1129	215	8	4B	250					1380

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR
4.86

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM

GENVE/I-EEI 3.16 DME/RADAR

TO

4.86 NM AFTER TROYF/I-EEI 6.67 DME/RADAR OR AT I-EEI 1.81 DME

RNP	DISTANCE	PAT	MAP				HAT	HMAS			
	1.35		4.86 NM AFTER TROYF/I-EEI 6.67 DME/RADAR OR AT I- EEI 1.81 DME				464				
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-001615)	385955.00N/0843837.00W	1109	50	20	2C	250					1360

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

SDF GENVE ADDED TO RETAIN CURRENT MINIMA; 60 FT REDUCTION IN MDA NOT ACHIEVED.



MISSED APPROACH: ILS CAT II

FROM

DA

TO

FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					893

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
TOWER (39-000369)	390719.00N/0843253.00W	1714	250	50	4D	1000					2800
TERRAIN	383712.00N/0843209.00W	994 (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: ILS

FROM

DA

TO

FLM VOR/DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					928

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
TOWER (39-000369)	390719.00N/0843253.00W	1714	250	50	4D	1000					2800
TERRAIN	383712.00N/0843209.00W	994 (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

4.86 NM AFTER TROYF/I-EEI 6.67 DME/RADAR OR AT I-EEI 1.81 DME

TO

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				4000
TOWER (39-000369)	390719.00N/0843253.00W	1714	250	50	4D	1000					2800
TERRAIN	383712.00N/0843209.00W	994 (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

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

<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:

24-HR CONTROL TOWER, BACK-UP ALTIMETER NOT REQUIRED DUE TO REDUNDANT LOCAL SOURCES.

<u>PRIMARY NAVAID</u> I-EEI	<u>MONITOR POINT</u> CVG ATCT	<u>HRS OPERATION</u> 24	<u>CAT</u> 3
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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, TDZ, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18C - MALSR, TDZ, C/LINE, HIRL, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18R - ALSF-2, C/LINE, TDZ, HIRL	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27 - MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36L - ALSF-2, TDZ, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36C - ALSF-2, HIRL, C/LINE, TDZ, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36R - ALSF-2, TDZ, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 896.1	<u>TCH</u> 55.3	<u>ELEV GS ANTENNA</u> 889.8	<u>DISTANCE FROM RWY</u> 1070	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 70.4
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	X	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	X	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 VEGETATION HEIGHT USED PER FPT.
SUITABLE ENROUTE FIX/NAVAID THAT MEETS ATC TRAFFIC FLOW NOT AVAILABLE. FEEDER NOT ESTABLISHED. RADAR REQUIRED FOR PROCEDURE ENTRY.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1145 AAO 385718.00N/0843806.00W.
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	2.98
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.86
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	000.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.66
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.23
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	000.20
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	390142.24N/0843848.46W
ARP COORDINATES	390255.82N/0844004.16W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36R DISTANCE 1.57 NM
FAF COORDINATES	385650.20N/0843849.83W
FIX NAME COORDINATES	

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ERIC N SUSKI (ZACHARY KRUEGER)	AJV-A431	10/04/2023	AERONAUTICAL INFORMATION SPECIALIST

