

**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 36C ILS RWY 36C (CAT II) ILS RWY 36C (CAT III)	<u>ORIGINAL/AMENDMENT</u> 42	<u>CITY</u> COVINGTON	<u>STATE</u> KY		
<u>AIRPORT ELEVATION</u> 896	<u>TDZE</u> 850	<u>SUPERSEDED</u> ILS OR LOC RWY 36C ILS RWY 36C (CAT II) ILS RWY 36C (CAT III)	<u>ORIGINAL/AMENDMENT</u> 41D	<u>DATED</u> 08/12/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-CVG	<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>
ALLIE/I-CVG 24.48 DME/RADAR	IAF	CRITR/I-CVG 21.28 DME/RADAR					006.18 (I-CVG)	3.20	6000
CRITR/I-CVG 21.28 DME/RADAR		PUPPT/I-CVG 18.08 DME/RADAR					006.18 (I-CVG)	3.20	5000
PUPPT/I-CVG 18.08 DME/RADAR		UMPTA/I-CVG 15.12 DME/RADAR					006.18 (I-CVG)	2.96	4000
UMPTA/I-CVG 15.12 DME/RADAR		CIMRU/I-CVG 11.70 DME/RADAR					006.18 (I-CVG)	3.42	3000
FECTA	IAF	FOBEX		TF	FB	1.00	078.46	10.52	3600
DAWGY	IAF	SWINK		TF	FB	1.00	312.14	10.24	3600
SPOOD	IAF	KURGE		TF	FB	1.00	339.87	9.85	3600
BRCAT	IAF	LEKLE		TF	FB	1.00	186.13	9.47	4500
LEKLE		CIMRU/I-CVG 11.70 DME/RADAR		TF	FB	1.00	096.13	5.90	3000
RUPPP	IAF	GRAPT		TF	FB	1.00	186.33	7.94	4500
GRAPT		CIMRU/I-CVG 11.70 DME/RADAR		TF	FB	1.00	276.30	6.26	3000
FOBEX		CIMRU/I-CVG 11.70 DME/RADAR		TF	FB	1.00	078.59	5.00	3000
SWINK		CIMRU/I-CVG 11.70 DME/RADAR		TF	FB	1.00	312.03	5.00	3000
KURGE		CIMRU/I-CVG 11.70 DME/RADAR		TF	FB	1.00	339.81	5.00	3000
CIMRU/I-CVG 11.70 DME/RADAR	IF	JITEV/I-CVG 7.04 DME/RADAR					006.18 (I-CVG)	4.66	2500
JITEV/I-CVG 7.04 DME/RADAR	FAF	TABBO/I-CVG 3.46 DME/RADAR					006.18 (I-CVG)	3.58	
TABBO/I-CVG 3.46 DME/RADAR		5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME	MAP				006.18 (I-CVG)	1.47	
5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME	MAP	1050 MSL		CA			006.18		
1050 MSL		DULEY		DF	FO	1.00			4000

QUALITY
39
CHECKED

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT DULEY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1.	PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)				
2.	PROFILE STARTS AT CIMRU/I-CVG 11.70 DME/RADAR									
3.	FAC:	006.18	FAF:	JITEV/I-CVG 7.04 DME/RADAR	DIST FAF TO MAP:	5.05	DIST FAF TO THLD:	5.05		
4.	MIN ALT:	CIMRU/I-CVG 11.70 DME/RADAR 3000, JITEV/I-CVG 7.04 DME/RADAR 2500, TABBO/I-CVG 3.46 DME/RADAR 1360								
5.	DIST TO THLD FROM OM:		MM:		IM:	1055.00	100 HAT:	1085	150 HAT:	
6.	MIN GS INCPT:	2500	GS ALT AT PFAF:	JITEV/I-CVG 7.04 DME/RADAR 2500	OM:		GS ANT:	1125	IM:	948
7.	GS ANGLE:	3.00	34:1:		20:1:		TCH:	52.4		
8.	MSA FROM:	ARP KCVG 3000								

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT A, B, C, D, RA 130, RVR 1200, HAT 100, DA 950 MSL
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT IIIA CAT A, B, C, D, RVR 700
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT IIIB CAT A, B, C, D, RVR 600.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT IIIC CAT A, B, C, D, NA.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 36C CATS C AND D VISIBILITY TO 6000 RVR.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT ALLIE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BRCAT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT LEKLE: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT RUPPP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT GRAPT: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT CIMRU: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART LOC RWY 36L/36R
HOLD N, RT, 160.29 INBOUND.
CHART FAS OBST: 991 TREE (21-069386) 390007N/0844023W.
CHART AT OR ABOVE 7000 AT ALLIE.
CHART MANDATORY 8000 AT FECTA.
CHART MANDATORY 8000 AT DAWGY.
CHART MANDATORY 8000 AT SPOOD.
CHART MANDATORY 6000 AT BRCAT.
CHART MANDATORY 6000 AT RUPPP.



AIRPORT ID
CVG

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

ORIGINAL/AMENDMENT
42

CITY
COVINGTON

STATE
KY

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 36C	1050	1800	200	1050	1800	200	1050	1800	200	1050	1800	200			
S-LOC 36C	1260	2400	410	1260	2400	410	1260	4000	410	1260	4000	410			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

CHANGES - REASONS

1. WHOLE PROCEDURE: TDZE CHANGED FROM 851 TO 850, REMOVED MA FIX NEATS, CHANGED FAF ALT FROM 2400 TO 2500, CHANGED CIRMU IF ALT FROM 4000 TO 3000, CHANGED UMPTA FROM IF TO IAF AND ALT FROM 5000 TO 4000, CHANGED PUPPT FROM IF TO IAF AND ALT FROM 6000 TO 5000, CHANGED CRITR FROM IF TO IAF AND ALT FROM 7000 TO 6000, CHANGED ALLIE FROM IF TO IAF AND ALT FROM 8000 TO 7000. - UPDATED AIRPORT DATA AND PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION.
2. WHOLE PROCEDURE: CHANGED ALLIE DESCRIPTION DME FROM 24.25 TO 24.48, CHANGED CRITR DESCRIPTION DME FROM 21.11 TO 21.27, CHANGED PUPPT DESCRIPTION DME FROM 17.97 TO 18.08, CHANGED UMPTA DESCRIPTION DME FROM 14.83 TO 15.12, CHANGED JITEV DESCRIPTION DME FROM 6.66 TO 7.04, AND CHANGED TABBO DESCRIPTION DME FROM 3.42 TO 3.46. - PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION.
3. TERMINAL ROUTES: REMOVED FLM VOR/DME FEEDER, ADDED IAF DAWGY/FECTA/SPOOD/BRCAT/RUPPP/LEKLE/GRAPT/SWINK/FOBEX/KURGE AND ADDED JETIV-TABBO/TABBO-MAP/MAP-1050 MSL/1050 MSL-DULEY. - PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION AND CHANGED MA ROUTE TO RNAV.
4. TERMINAL ROUTES: CHANGED ALLIE-CRITR/CRITR-PUPPT DIST FROM 3.14 TO 3.20, CHANGED PUPPT-UMPTA DIST FROM 3.14 TO 2.96, CHANGED UMPTA-CIMRU DIST FROM 3.14 TO 3.42. - MOVED FIXES FOR CVG VORTAC FOR DECOMMISSION.
5. MAP: CHANGED LOC FROM "4.67 MILES AFTER JITEV/I-CVG 6.66 DME/RADAR OR AT I-CVG 1.99 DME FIX" TO " 5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME". - MOVED FAF FOR CVG VORTAC FOR DECOMMISSION AND DME IS NOW REQUIRED FOR PROCEDURE.
6. MA INSTRUCTIONS: CHANGED FROM "CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 3000 VIA CVG R-010 TO NEATS/CVG 18 DME AND HOLD" TO "CLIMB TO 4000 DIRECT DULEY AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000" AND REMOVED ALT MA INSTRUCTIONS. - PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION AND CHANGED ROUTE TO RNAV.
7. PROFILE: LINE 2; CHANGED ALLIE TO CIMRU, AND LINE 8; CHANGED FROM CVG VORTAC 2900 TO ARP KCVG 3000. - PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION AND IAW 8260.19J.
8. PROFILE: LINE3; REMOVED DIST FAF TO MAP, CHANGED DIST FAF TO MAP/THLD FROM 4.67 TO 5.05, LINE 5; ADDED IM: 1055/100HAT: 908. - FAF MOVED, KEEP FIX ON 3.0 GPA, IAW 8260.19J, AND NEW EVAL COMPLETED.
9. PROFILE: LINE 4; REMOVED ALLIE/CRITR/PUPPT/UMPTA AND CHANGED FROM TABBO/I-CVG 3.42 DME/RADAR 1340# TO TABBO/I-CVG 3.46 DME/RADAR 1360. - SDF MOVED, KEEP FIX ON 3.0 GPA AND IAW 8260.19J.
10. PBN REQUIREMENTS: ADDED RNP APCH-GPS. - PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION AND IAW 8260.19J.
11. NOTES: REMOVED DME OR RADAR REQUIRED AND DME REQUIRED, REMOVED #LOC ONLY, CHANGED FROM VGSI AND ILS GLIDEPATH NOT COINCIDENT TO VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}). - IAW 8260.19J.
12. NOTES: CHANGED FROM "SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 36L/R" TO "SIMULTANEOUS APPROACH AUTHORIZED". - IAW 8260.19J.
13. NOTES: CHANGED SPECIAL AIRCREW NOTE FROM "134 RA, RVR 1200, HAT 100, DA 951 MSL" TO "RA 130, RVR 1200, HAT 100, DA 950 MSL". - IAW 8260.19J.
14. NOTES: REMOVED CONSOLIDATED CAT III NOTE, ADDED "CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT A, B, C, D, RVR 700", ADDED "CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT A, B, C, D, RVR 600", AND ADDED "CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 36C: CAT A, B, C, D, NA". - IAW 8260.19J AND NEW EVAL COMPLETED.
15. NOTES: ADDED CHART SPEED ICON IN PLANVIEW AT ALLIE: MAX 210 KIAS/BRCAT: MAX 210 KIAS/RUPPP: MAX 210 KIAS/GRAPT: MAX 210 KIAS/LEKLE: MAX 210 KIAS AND ADDED FOR INOPERATIVE ALS, INCREASE LOC CATS C AND D VISIBILITY TO 6000 RVR. - FACILITATE TURNS ON TO SEGMENTS AND IAW 8260.3F.
16. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 8000 AT DAWGY/8000 AT FECTA/8000 AT SPOOD/6000 AT BRCAT/6000 AT RUPPP AND ADDED AT OR ABOVE 7000 AT ALLIE. - PROCEDURE REDESIGN FACILITATING CONNECTIONS TO STARS.
17. ADDITIONAL FLIGHT DATA: REMOVED CHART 1022 TOWER 385834N0843938, AND CHANGED FAS OBST FROM 999 TREE 390109N0844015W TO 991 TREE (21-069386) 390007N/0844023W. - NEW EVAL COMPLETED WITH NEW CONTROLLING OBSTS AND IAW 8260.19J.
18. ADDITIONAL FLIGHT DATA: REMOVED ALT HOLD, REMOVED CHART IN PLANVIEW: DULEYIFUI41.11 DME, CHANGED HOLD FROM HOLD S, RT, 010.00 INBOUND TO HOLD N, RT, 160.29 INBOUND. - PROCEDURE REDESIGN PER CVG VORTAC DECOMMISSION AND IAW 8260.19J.
19. MINS: S-ILS CHANGED 1051 TO 1050 AND S-LOC CHANGED FROM 1260/409 TO 1280/430, - NEW EVAL COMPLETED AND TDZE CHANGED FROM 851 TO 850.
20. MINS: REMOVED TABBO FIX MINS. - NO LONGER REQUIRED.

QUALITY
39
CHECKED

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

Mar 03, 2025

OFFICE

AJF

DATE

02/26/2025

DEVELOPED BY

ERIC N SUSKI (ANDRE TUCKER)

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJV-A431

DATE

08/20/2024

APPROVED BY

ERIC N SUSKI

Digitally signed by

ROBERT G HAMILTON

Mar 03, 2025

OFFICE

AJV-A430

DATE

06/12/2025

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 36C ILS RWY 36C (CAT II) ILS RWY 36C (CAT III)	<u>AMDT NO.</u> 42	<u>CITY</u> COVINGTON	<u>STATE</u> KY	<u>AIRPORT ELEVATION</u> 896	<u>FACILITY</u> I-CVG
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

<u>FROM</u> ALLIE/I-CVG 24.48 DME/RADAR	<u>TO</u> CRITR/I-CVG 21.28 DME/RADAR
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<u>RNP</u>	<u>DISTANCE</u> 3.20	<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 (21-022430)	384119.00N/0843507.00W	1437	50	3	2A	1000				AT3563	6000
TERRAIN	384103.00N/0843530.00W	984 (1000)								AS1500	2500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:

INITIAL: STEPDOWN

<u>FROM</u> CRITR/I-CVG 21.28 DME/RADAR	<u>TO</u> PUPPT/I-CVG 18.08 DME/RADAR
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<u>RNP</u>	<u>DISTANCE</u> 3.20	<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 (21-001744)	384546.64N/0843625.12W	1265	50	20	2C	1000				AT2735	5000
TERRAIN	384333.00N/0843554.00W	961 (1000)								AS1500	2500

COMPUTATIONS

<u>ALT</u>	<u>KIAS</u>	<u>KTAS</u>	<u>HAA</u>	<u>VKTW</u>	<u>TR</u>	<u>BA</u>	<u>DTA</u>	<u>COURSE CHANGE</u>	<u>DVEB</u>	<u>VEB OCS</u>	<u>RF CENTER FIX/DISTANCE</u>
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SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM

PUPPT/I-CVG 18.08 DME/RADAR

TO

UMPTA/I-CVG 15.12 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	2.96										
<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				AT1735	4000
TERRAIN	384600.00N/0843612.00W	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

UMPTA/I-CVG 15.12 DME/RADAR

TO

CIMRU/I-CVG 11.70 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	3.42										
<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	500				AT1263	3000
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

FECTA

TO

FOBEX

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	10.52										
<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 (18-001914)	385107.00N/0845040.00W	1092	500	50	5D	1000				AT1508	3600
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 3600 AT FOBEX TO ENSURE 150 FT PER NM DESCENT CONFIGURATION. RETENTION OF THIS INFO REQUESTED.

INITIAL

FROM

DAWGY

TO

SWINK

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	10.24										
<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 (21-001315)	384941.00N/0843604.00W	1175	20	3	1A	1000				AT1425	3600
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 3600 AT SWINK TO ENSURE 150 FT PER NM DESCENT CONFIGURATION. RETENTION OF THIS INFO REQUESTED.



INITIAL

FROM

SPOOD

TO

KURGE

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
1.00	9.85										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-022430)	384119.00N/0843507.00W	1437	50	3	2A	1000				AT1163	3600
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 3600 AT KURGE TO ENSURE 150 FT PER NM DESCENT CONFIGURATION. RETENTION OF THIS INFO REQUESTED.

INITIAL

FROM

BRCAT

TO

LEKLE

RNP	DISTANCE	PAT	MAP	HAT	HMAS						
1.00	9.47										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
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

FROM

LEKLE

TO

CIMRU/I-CVG 11.70 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.90										
<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 (21-001270)	385158.23N/0843754.80W	1174	500	125	5E	1000				AT826	3000
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

RUPPP

TO

GRAPT

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	7.94										
<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

GRAPT

TO

CIMRU/I-CVG 11.70 DME/RADAR

RNP	DISTANCE	PAT	MAP			HAT	HMAS				
1.00	6.26										
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	1000				AT751	3000
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: STEPDOWN

FROM

FOBEX

TO

CIMRU/I-CVG 11.70 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
TOWER (21-001669)	385214.12N/0843801.74W	1237	50	20	2C	1000				AT763	3000
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

SWINK

TO

CIMRU/I-CVG 11.70 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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				AT763	3000
TERRAIN	385239.00N/0843636.00W	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: STEPDOWN

FROM

KURGE

TO

CIMRU/I-CVG 11.70 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	5.00										
<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				AT763	3000
TERRAIN	384912.00N/0843527.00W	944 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE

FROM

CIMRU/I-CVG 11.70 DME/RADAR

TO

JITEV/I-CVG 7.04 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00	4.66										
<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 (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	500					1800
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

FROM

JITEV/I-CVG 7.04 DME/RADAR

TO

RW36C

<u>RNP</u>		<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>	<u>HMAS</u>			
		5.05		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				1050

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

JITEV/I-CVG 7.04 DME/RADAR

TO

RW36C

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	5.05		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				950

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LOC

FROM

JITEV/I-CVG 7.04 DME/RADAR

TO

TABBO/I-CVG 3.46 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30	3.58										
<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	385733.00N/0844012.00W	1109	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:



FINAL: LOC STEPDOWN

FROM

TABBO/I-CVG 3.46 DME/RADAR

TO

5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME

RNP	DISTANCE	PAT	MAP	HAT	HMAS
0.30	1.47		5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME	410	

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE (21-069386)	390007.24N/0844023.18W	991	20	3	1A	250					1260

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

DULEY

RNP	DISTANCE	PAT	MAP	HAT	HMAS
					879

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				4000
TOWER (39-001883)	390849.43N/0844111.32W	1149	250	50	4D	1000					2200
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

DULEY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
1.00											849
<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 (39-001883)	390849.43N/0844111.32W	1149	250	50	4D	1000					2200
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

5.05 NM AFTER JITEV/I-CVG 7.04 DME/RADAR OR AT I-CVG 1.99 DME

TO

DULEY

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
0.30											1010
<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 (39-001883)	390849.43N/0844111.32W	1149	250	50	4D	1000					2200
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:



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
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:



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:

24-HR CONTROL TOWER HAS REDUNDANT ALTIMETER REPORTING EQUIPMENT.

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
I-CVG	CVG ATCT	24	1

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW09 - MALSR, TDZ, C/LINE, HIRL, PAPI-4L	PIR-G	APPROACH
RW18L - MALSR, HIRL, TDZ, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW18C - MALSR, TDZ, HIRL, C/LINE, 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, TDZ, C/LINE, HIRL	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36C - ALSF-2, C/LINE, TDZ, HIRL, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW36R - ALSF-2, HIRL, TDZ, C/LINE, 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	840.7	52.4	834.2	1125	3.00	77.1

FINAL APPROACH COURSE AIMING

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

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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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:

VDP NOT ESTABLISHED - VDP LESS THAN .5 NM AFTER STEPDOWN.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FOOT VEGETATION.

NO CAPTURE FIX USED PER 8260.58C, APPENDIX C, PARAGRAPH 2.A.(1) WAIVER MEMO.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1132 AAO 385639.00N/0843945.00W.

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	3.16
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.90
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	000.18
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	4.85
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.27
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	000.18
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	390204.36N/0844007.47W
ARP COORDINATES	390255.82N/0844004.16W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 36R DISTANCE 1.57 NM
FAF COORDINATES	385701.32N/0844008.72W
FIX NAME COORDINATES	

REMARKS

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
ERIC N SUSKI (ANDRE TUCKER)	AJV-A431	08/20/2024	AERONAUTICAL INFORMATION SPECIALIST

