

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</u> CINCINNATI/NORTHERN KENTUCKY INTL	<u>AIRPORT ID</u> KCVG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	<u>ORIGINAL/AMENDMENT</u> 23	<u>CITY</u> COVINGTON	<u>STATE</u> KY	
<u>AIRPORT ELEVATION</u> 896	<u>TDZE</u> 875	<u>SUPERSEDED</u> ILS OR LOC RWY 18C	<u>ORIGINAL/AMENDMENT</u> 22B	<u>DATED</u> 04/04/2013	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2020
<u>FACILITY</u> I-SIC	<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>
NILRE/I-SIC 24.18 DME/RADAR	IAF	HIPEB/I-SIC 21.04 DME/RADAR					186.18	3.14 (I-SIC)	7000
HIPEB/I-SIC 21.04 DME/RADAR		FELUB/I-SIC 17.90 DME/RADAR					186.18	3.14 (I-SIC)	6000
FELUB/I-SIC 17.90 DME/RADAR		JUBUR/I-SIC 14.76 DME/RADAR					186.18	3.14 (I-SIC)	5000
JUBUR/I-SIC 14.76 DME/RADAR	IF	ZEVVE/I-SIC 11.62 DME/RADAR					186.18	3.14 (I-SIC)	4000
ZEVVE/I-SIC 11.62 DME/RADAR		WUTVU/I-SIC 6.60 DME/RADAR					186.18	5.02 (I-SIC)	2400

MISSED APPROACH

MAP:

ILS: DA
 LOC: I-SIC 1.98 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING LEFT TURN TO 3000 ON CVG R-174 TO ZIRKE INT/CVG 15.12 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 4000 FOR RADAR VECTORS TO ZIRKE INT/FLM 17.35 DME AND HOLD.



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)

2. PROFILE STARTS AT NILRE/I-SIC 24.18 DME/RADAR

3. FAC: 186.18 FAF: WUTVU/I-SIC 6.60 DME/RADAR DIST FAF TO MAP: DIST FAF TO THLD: 4.62

4. MIN ALT: NILRE/I-SIC 24.18 DME/RADAR 8000, HIPEB/I-SIC 21.04 DME/RADAR 7000, FELUB/I-SIC 17.90 DME/RADAR 6000, JUBUR/I-SIC 14.76 DME/RADAR 5000, ZEVVE/I-SIC 11.62 DME/RADAR 4000, WUTVU/I-SIC 6.60 DME/RADAR 2400, FIMAN/I-SIC 4.00 DME/RADAR 1560*

5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 1811 100 HAT: 857 GS ANT: 1056

6. MIN GS INCPT: 2400 GS ALT AT FAF : WUTVU/I-SIC 6.60 DME/RADAR 2400 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 55.1

8. MSA FROM: CVG VORTAC 2900

EQUIPMENT REQUIREMENTS NOTES

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 18C: CAT A, B, C, D, RA 191, RVR 1600, HAT 150, DA 1025 MSL.
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 18C: CAT A, B, C, D, RA 100, RVR 1200, HAT 100, DA 975 MSL.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART IN PLANVIEW: ZIRKE INT/FLM 17.35 DME
CHART VDP AT 2.98 DME*
DISTANCE VDP TO THLD 1.00 NM
* LOC ONLY
CHART FAS OBST: 963 TREE 390426N/0843957W.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW ZIRKE INT/FLM 17.35 DME, RT, 118.15 INBOUND.
HOLD N, RT, 174.12 INBOUND

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 18C	1075	1800	200	1075	1800	200	1075	1800	200	1075	1800	200			
S-LOC 18C	1260	2400	385	1260	2400	385	1260	3500	385	1260	3500	385			
CIRCLING	1460	1	564	1460	1	564	1560	1 3/4	664	1560	2	664			

QUALITY
10
CHECKED

<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY

CHANGES - REASONS

1. FINAL COURSE CHANGED FROM 184.18 TO 186.18 - FACILITY MAG VAR CHANGED FROM W04 TO W06.
2. IAF JUPAL NAME CHANGED TO NILRE, STEPDOWN FIXES LAMAH AND ANTRI CHANGED TO HIPEB AND FELUB, INTERMEDIATE FIX DULEY CHANGED TO JUBUR, STEPDOWN FIX KLEPR CHANGED TO ZEVVE, PFAF/FAF NAME CHANGED FROM LOGOZ TO WUTVU - FPT REQUEST TO HAVE NEW FIX NAMES FOR THIS AMENDMENT, RNAV PROCEDURES WILL NOT BE AMENDED FOR THE SAME CHART CYCLE AND WILL RETAIN THE CURRENT FIX NAMES.
3. ADDED STEPDOWN FIX TO LOC FINAL SEGMENT - MAINTAIN CURRENT PUBLISHED MDA.
4. ADDED SA CAT I/II MINMUMS ALONG WITH REQUIRED NOTES - TC REQUEST/ELVO PROJECT.
5. CHANGED NOTE "SIMULTANOUS APPROACH AUTHORIZED WITH RWY 18L/R" TO "SIMULTANEOUS APPROACH AUTHORIZED" - IAW 8260.19H NOTES REQUIREMENT.
6. DELETED "CHART LOC RWY 18R/18L" IN ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED.
7. REPLACED "RADAR REQUIRED" NOTE WITH EQUIPMENT REQUIREMENTS NOTE: RADAR REQUIRED FOR PROCEDURE ENTRY - IAW MEMO #257 REFERENCE THE 8260.19H.
8. REPLACED "DME OR RADAR REQUIRED" WITH EQUIPMENT REQUIREMENTS NOTE: DME OR RADAR REQUIRED - IAW MEMO #257 REFERENCE THE 8260.19H.
9. S-LOC 18C CAT C AND D VISIBILITY CHANGED FROM RVR 4000 TO 3500 - IAW 8360-3 TABLE 3-3-1, VERIFIED WITH VISI CALCULATOR.
10. CAT C CMDA CHANGED FROM 1460 TO 1560, VISIBILITY CHANGED FROM 1 1/2 TO 1 3/4 SM - APPLIED NEW CIRCLING CRITERIA.
11. ADDED CHART CIRCLING ICON NOTE IN ADDITIONAL FLIGHT DATA - APPLIED NEW CIRCLING CRITERIA.
12. MA APPROACH: REPLACED THE WORD "VIA" WITH "ON" - THE WORD "VIA" NO LONGER USED.
13. DELETED TIME/DISTANCE TABLE - DME REQUIRED



COORDINATED WITH:

A4A ☒ ALPA ☒ AOPA ☒ APA ☒ HAI ☐ NBAA ☒ OTHER: ZID, CVG APP CON, CVG ATCT, AMGR, ATA

FLIGHT CHECKED BY		OFFICE	DATE	
DEVELOPED BY		OFFICE	DATE	
GEORGETTE P. BARNETT	Digitally signed by GEORGETTE P BARNETT	AJV-5422	02/09/2018	
APPROVED BY	Mar 01, 2018	OFFICE	DATE	TITLE
JULIE MORGAN		AJV-5420		MANAGER



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM
NILRE/I-SIC 24.18 DME/RADAR

TO
HIPEB/I-SIC 21.04 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	3.14											
<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>
1.TOWER (39-002770)	392609.18N/0844023.52W		1382	50	20	2C	1000				AT4618	7000
2.TERRAIN	392546.00N/0843746.00W		965 (1000)								AS1500	2500

COMPUTATIONS

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

INITIAL: STEPDOWN

FROM
HIPEB/I-SIC 21.04 DME/RADAR

TO
FELUB/I-SIC 17.90 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	3.14										
<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>
3.TOWER (39-004331)	392247.73N/0844429.30W	1163	50	20	2C	1000				AT3837	6000
4.TERRAIN	392136.00N/0844132.00W	963 (1000)								AS1500	2500

COMPUTATIONS

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



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

INITIAL: STEPDOWN

FROM

FELUB/I-SIC 17.90 DME/RADAR

TO

JUBUR/I-SIC 14.76 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	3.14											
<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>
5.TOWER (39-001780)	391728.50N/0843706.40W		1163	20	3		1000				AT2837	5000
6.TERRAIN	391845.00N/0843503.00W		890 (900)								AS1500	2400

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:

INTERMEDIATE

FROM

JUBUR/I-SIC 14.76 DME/RADAR

TO

ZEVVE/I-SIC 11.62 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	3.14											
<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>
7.TOWER (39-002301)	391600.00N/0843527.00W		1209	500	50	5D	500				AT2291	4000
8.TERRAIN	391600.00N/0843527.00W		939 (900)								AS1500	2400

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:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

INTERMEDIATE: STEPDOWN

FROM

ZEVVE/I-SIC 11.62 DME/RADAR

TO

WUTVU/I-SIC 6.60 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	5.02											
<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>
9.TOWER (39-003179)	390929.00N/0843904.00W		1140	250	50	5D	500					1700
10.TERRAIN	390945.00N/0843900.00W		913 (900)								AS1500	2400

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:

FINAL: ILS SA CAT II

FROM

WUTVU/I-SIC 6.60 DME/RADAR

TO

DA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.62		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				975

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:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

FINAL: ILS SA CAT I

FROM

WUTVU/I-SIC 6.60 DME/RADAR

TO

DA

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.62		DA	150								
<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				1025

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:

FINAL: ILS

FROM

WUTVU/I-SIC 6.60 DME/RADAR

TO

RW18C

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	4.62		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				1075

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

FINAL: LOC

FROM

WUTVU/I-SIC 6.60 DME/RADAR

TO

FIMAN/I-SIC 4.00 DME/RADAR

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	2.60											
<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>
11.AAO	390824.00N/0844024.00W		1099	50	20	2C	250				DG211	1560

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

FINAL: LOC STEPDOWN

FROM

FIMAN/I-SIC 4.00 DME/RADAR

TO

I-SIC 1.98 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
	2.02		I-SIC 1.98 DME			385						
<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>
12.TREE (21-022658)	390426.45N/0843956.61W		963	20	3	1A	250				XP47	1260

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT
REMARKS:

XP47: MAINTAIN CURRENT MDA.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

MISSED APPROACH : ILS SA CAT II

FROM

DA

TO

ZIRKE INT/CVG 15.12 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> 1	<u>MAP</u> DA	<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				3000
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (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 SA CAT I

FROM

DA

TO

ZIRKE INT/CVG 15.12 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> 1	<u>MAP</u> DA	<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				3000
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

MISSED APPROACH : ILS

FROM

DA

TO

ZIRKE INT/CVG 15.12 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
		1	DA				907				
<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				3000
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (900)								AS1500	2400

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COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:

MISSED APPROACH : LOC

FROM

I-SIC 1.98 DME

TO

ZIRKE INT/CVG 15.12 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
		1	I-SIC 1.98 DME								
<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				3000
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (900)								AS1500	2400

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RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

MISSED APPROACH ALTERNATE : ILS SA CAT II

FROM

DA

TO

ZIRKE INT/FLM 17.35 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> 2	<u>MAP</u> DA	<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
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (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 ALTERNATE : ILS SA CAT I

FROM

DA

TO

ZIRKE INT/FLM 17.35 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> 2	<u>MAP</u> DA	<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
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (900)								AS1500	2400

COMPUTATIONS

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RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

MISSED APPROACH ALTERNATE : ILS

FROM

DA

TO

ZIRKE INT/FLM 17.35 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
		2	DA					907			
<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
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (900)								AS1500	2400

COMPUTATIONS

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BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:

MISSED APPROACH ALTERNATE : LOC

FROM

I-SIC 1.98 DME

TO

ZIRKE INT/FLM 17.35 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
		2	I-SIC 1.98 DME								
<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
13.TOWER (21-001861)	385531.63N/0843727.95W	1249	20	3	1A	1000					2300
14.TERRAIN	385727.00N/0843709.00W	949 (900)								AS1500	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

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BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT

REMARKS:



OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
15.CONTROL_TOWER (21-001297)	390226.83N/0843931.96W	1.30	564	1159	20	3	1A	300			1460
CATEGORY B											
15.CONTROL_TOWER (21-001297)	390226.83N/0843931.96W	1.84	564	1159	20	3	1A	300			1460
CATEGORY C											
16.TOWER (21-000110)	390356.00N/0843627.00W	2.89	664	1256	20	3	1A	300			1560
CATEGORY D											
16.TOWER (21-000110)	390356.00N/0843627.00W	3.77	664	1256	20	3	1A	300			1560

CIRCLING REMARKS:

MSA

CENTER	RADIUS
CVG VORTAC	25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (39-001892)	391201.00N/0843122.00W	041	13.9	1848	500	50	5D	1000			2900

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

SUITABLE ENROUTE FIX/NAVAID THAT MEETS ATC TRAFFIC FLOW NOT AVAILABLE. FEEDER NOT ESTABLISHED. RADAR REQUIRED FOR PROCEDURE ENTRY. FIX LOCATIONS AND ALTITUDES DETERMIND FOR GS INTERCEPT.

INTERMEDIATE SEGMENT: ILS AND LOC HAVE SAME CONTROLLING OBSTRUCTIONS.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
CVG APP CON, CVG TOWER



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

<u>WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>
ASOS-3	KCVG	24	KCVG	0	Y	0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-SIC			

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

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
3.00	874.6	55.1	874.4	1056	3.00	67.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	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



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

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

SEE ATTACHED AIRSPACE LETTER.



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC
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	3.05				
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.88				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	180.18				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	899				
DISTANCE FROM	THLD	TO 1500FT POINT	4.62				
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.22				
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	180.18				
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	899				
THRESHOLD COORDINATES (IF STR-IN)	390353.07N/0844007.02W						
ARP COORDINATES	390255.81N/0844004.16W						
RUNWAY APCH END AND DIST FURTHEST FROM MAP	RUNWAY 36R DISTANCE 1.57 NM						
FAF COORDINATES	390830.34N/0844005.91W						
FIX NAME COORDINATES							
REMARKS							



<u>AIRPORT</u>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
CINCINNATI/NORTHERN KENTUCKY INTL	KCVG	ILS OR LOC RWY 18C ILS RWY 18C SA CAT I, ILS RWY 18C SA CAT II	23	COVINGTON	KY	896	I-SIC

PART E: PREPARED BY

<u>NAME</u>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
GEORGETTE P. BARNETT	AJV-5422	02/09/2018	AERONAUTICAL INFORMATION SPECIALIST

