

Flight Procedures Cover Page	Task Action: FLIGHT CHECK	Task Type: IAP	Estimated Chart Date: 06/12/2025	APWS Task ID: E6E1777CF09D4E4EA6031C3B98630D75	APWS Project ID: 2A555B1414D84B75BCEC17F3433E362A
Procedure: ILS OR LOC RWY 18C AMDT 24		Enroute: NO	Specialist: Tuttle, Judith		Agreement Number:
Airport ID: KCVG			Airport City: COVINGTON		State: KY
Facility ID: SIC	Facility Type: ILS	Flight Inspection Remark Type: Hold FC Slot			
Procedure Comments: PENDING DATA USED FOR KCVG AND ACTIVE DATA USED FOR I-SIC. ADDED NEW INITIAL SEGMENTS AS PART OF AIRSPACE MODERNIZATION PROJECT. ESV (3): COVINGTON/CINCINNATI (SIC) VDME (3). WAIVER (1): REQUESTING TO APPLY LPV MISSED APPROACH CRITERIA TO ILS SA CAT I-II. CONTACT: ERIC N. SUSKI, 405.954.7331. QUALITY 20 CHECKED QUALITY 41 CHECKED					

FIPC BASIC FORM							
PROCEDURE: ILS OR LOC RWY 18C AMDT 24			AIRPORT NAME: CINCINNATI/NORTHERN KENTUCKY		AIRPORT ID: KCVG	SPECIAL CONTROL NO: AP-01-246-25	
FAC ID: SIC		CITY: COVINGTON			ST: KY	ORIG CHART DATE: 06/12/2025	
DFL TYPE: PROC/AR	THIRD PARTY: ☐ YES	EST. TIME ON SITE: 0.5	REIMB. NUMBER:		PTS TASK ID: E6E1777CF09D4E4EA6031C3B98630D75		
PREFLIGHT NOTES							
REVIEWER:					DATE:		
COMMENTS:					CHECK ONE:		
					☐ FLT CK REQ ☐ NFCR ☐ REJECT		
							YES
					CPV COMPLETE?		X
PROCEDURE RESULTS							
INSPECTION DATE: 02/24/2025		CREW #: VN526	N #: N73	INSTRUMENT PROCEDURE STATUS: ☒ SAT ☐ SAT W/CHANGES ☐ UNSAT		ARINC CODING: ☒ SAT ☐ SAT/GOLD ☐ UNSAT	
FLIGHT INSPECTOR SIGNATURE: eric l geyer @ 02/24/2025 16:59			PRINTED NAME: GEYER, ERIC LEE				NOTAM INITIATED? ☐ YES ☒ NO
FLIGHT INSPECTOR REMARKS: Cincinnati/Northern Kentucky INTL, Covington, KY, ILS OR LOC RWY 18C ADMT 24. SAT. Modernization project with multiple new feeder legs.							
IN-FLIGHT OBSTACLE REPORT							
OBSTRUCTION ID #:	COORDINATES OR LOCATION:		GNSS ALTITUDE (MSL):		BAROMETRIC ALTITUDE (MSL):		HEIGHT ABOVE GROUND LEVEL:

1. FLIGHT PROCEDURE IDENTIFICATION:

ILS or LOC Rwy 18C (SA CAT I and CAT II)
Cincinnati/Northern Kentucky Intl
Covington, Kentucky

2. WAIVER REQUIRED AND APPLICABLE STANDARD:

Requesting to apply LPV missed approach criteria to ILS SA CAT I-II.
IAW 8260.3F, 10-3, the LPV missed approach criteria may be used in a CAT I ILS missed approach.
FAA Order 8400.13F, Chapter 3 and 5, the MAS must meet the current SA CAT I-II development standard.

3. REASON FOR WAIVER (JUSTIFICATION FOR NONSTANDARD TREATMENT):

This RNAV missed approach is needed to allow deconfliction between Rwy 18C missed approach and arrival/departure operations from Rwy's 18L/R which will give ATC 15 degrees divergence. The decommissioning of the CVG VOR removes ability for conventional missed approach design without using RADAR vectors. Use of RADAR vectors would make the procedure unable to be coded, therefore, negating the intent of having SA CAT I-II minimums.

4. EQUIVALENT LEVEL OF SAFETY PROVIDED:

- A) Combined 8260.58, LPV missed approach criteria with ILS SA CAT I-II A1 extended length, 8260.3F, FORMULA 10-5-4.
- B) Missed Approach evaluated with the obstacle clearance gradient starting at the runway, described in 8260.3G Chap 10-5-5, Section 1, and was clear of penetrations.
- C) The aircraft will climb straight ahead to 1500 MSL (604 FT above airport elevation) before first turn.
- D) LPV missed approach encompasses the A1 extended length and first turn.
- E) RADAR is required.
- F) A SA CAT I/II missed approach evaluation was performed in targets automation to test the surfaces and the results are All Surfaces Clear.

5. ALTERNATIVE ACTIONS DEEMED NOT FEASIBLE:

The use of FLM VOR/DME requires the use of RADAR vectors to the holding fix, which is not within coding criteria. The use of HYK VOR/DME is too far away for adequate course guidance.

6. COORDINATION WITH USER ORGANIZATIONS (SPECIFY):

TCID Manager, ZID, CVG Approach Control/Tower, and Industry.

7. SUBMITTED BY:

DATE	OFFICE IDENTIFICATION	TITLE
11/04/24	AJV-A431	MANAGER

SIGNATURE
ERIC N SUSKI

8. AFS ACTIONS:

☐ APPROVED ☐ DISAPPROVED ☐ NOT REQUIRED

Digitally signed by
ROBERT G HAMILTON
Jan 28, 2025

COMMENTS:

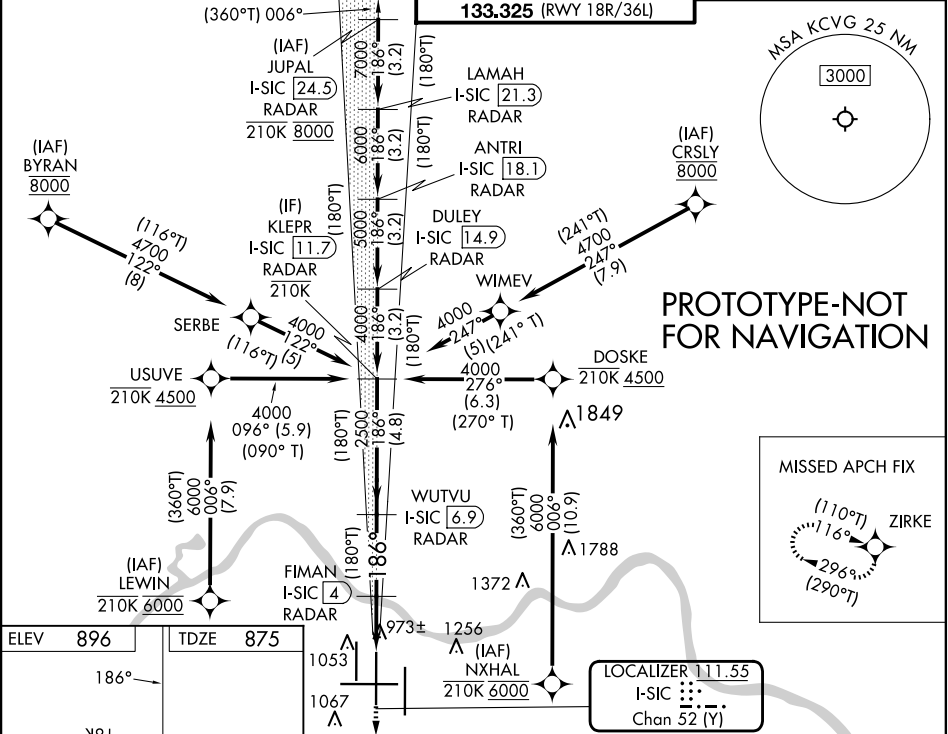
DATE	ROUTING SYMBOL	SIGNATURE
------	----------------	-----------

LOC/DME I-SIC	APP CRS	Rwy Idg	11000
111.55	186°	TDZE	875
Chan 52 (Y)		Apt Elev	896

ILS or LOC RWY 18C
CINCINNATI/NORTHERN KENTUCKY INTL (CVG)

RNP APCH - GPS.	MALSR	MISSED APPROACH: Climb to 1300, then climb to 3000 direct ZIRKE and hold.
RADAR required.		
Simultaneous approach authorized.		

D-ATIS	CINCINNATI APP CON	CINCINNATI TOWER	GND CON	CLNC DEL	CPDLC
ARR 134.375 DEP 135.3	119.7 363.15 (090°-269°) 123.875 363.15 (270°-089°)	118.975 360.85 (RWY 18L/36R) 118.3 (RWYs 18C/36C, 09/27) 133.325 (RWY 18R/36L)	121.7	127.175	



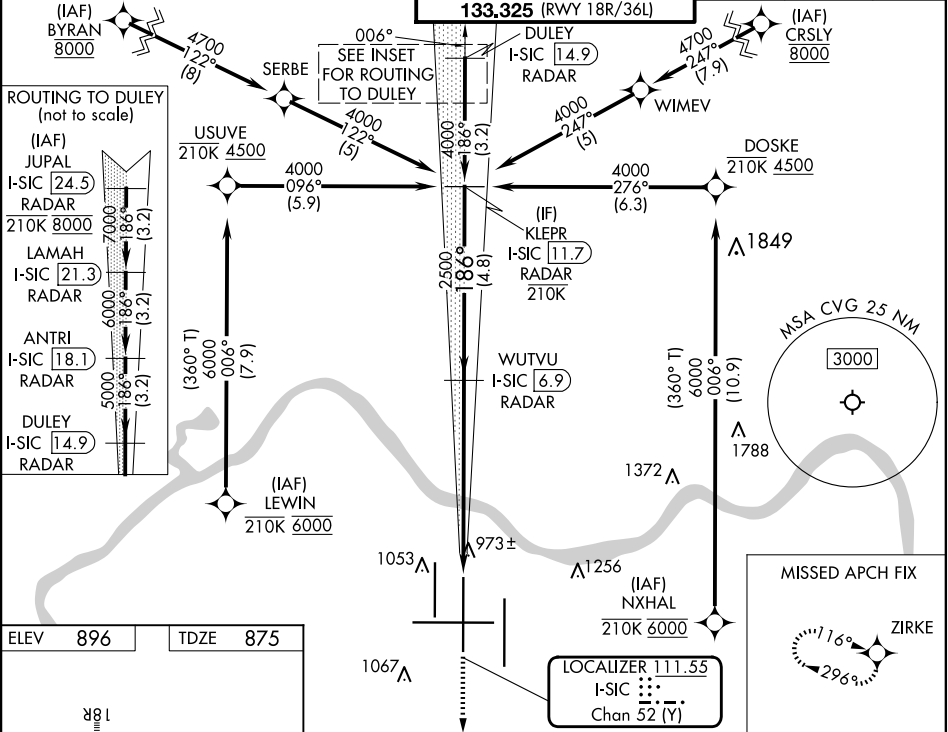
ELEV 896	TDZE 875	VGSi and ILS glidepath not coincident (VGSi Angle 3.00/TCH 71).			
		1300	3000	ZIRKE	
HIRL all Rwy's TDZ/CL all Rwy's except 27		GS 3.00° TCH 55			
FAF to MAP 4.9 NM					
Knots		60	90	120	150
Min:Sec		4:54	3:16	2:27	1:58
CIRCLING		1460-1	564 (600-1)	1560-1 3/4 664 (700-1 3/4)	1560-2 664 (700-2)

LOC/DME I-SIC	APP CRS	Rwy Idg	11000
111.55	186°	TDZE	875
Chan 52 (Y)		Apt Elev	896

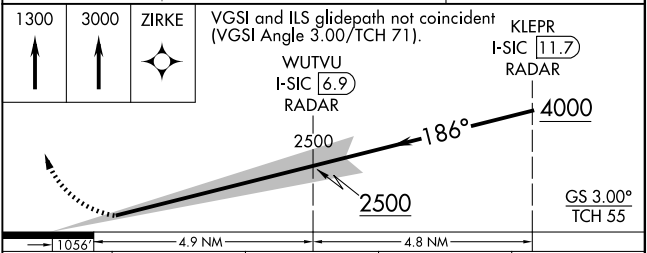
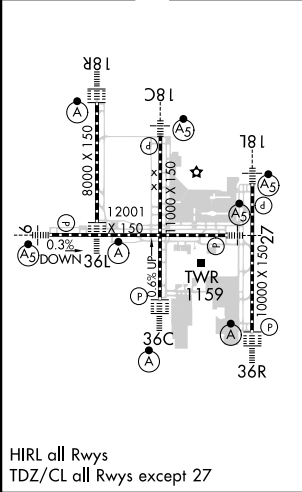
ILS RWY 18C (SA CAT I & II)
CINCINNATI/NORTHERN KENTUCKY INTL (CVG)

RNP APCH-GPS. RADAR required.	MALSR	MISSED APPROACH: Climb to 1300, then climb to 3000 direct ZIRKE and hold.
Simultaneous approach authorized. SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval.		

D-ATIS	CINCINNATI APP CON	CINCINNATI TOWER	GND CON	CLNC DEL	CPDLC
ARR 134.375 DEP 135.3	119.7 363.15 (090°-269°) 123.875 363.15 (270°-089°)	118.975 360.85 (RWY 18L/36R) 118.3 (RWYS 18C/36C, 09/27) 133.325 (RWY 18R/36L)	121.7	127.175	



ELEV 896	TDZE 875
----------	----------



CATEGORY	A	B	C	D
S-ILS 18C	SA CAT I	RA 191/16	150 DA 1025	
S-ILS 18C	SA CAT II	RA 100/12	100 DA 975	

SA CATEGORY I & II ILS-SPECIAL AIRCREW
& AIRCRAFT CERTIFICATION REQUIRED

OLD

COVINGTON, KENTUCKY

AL-655 (FAA)

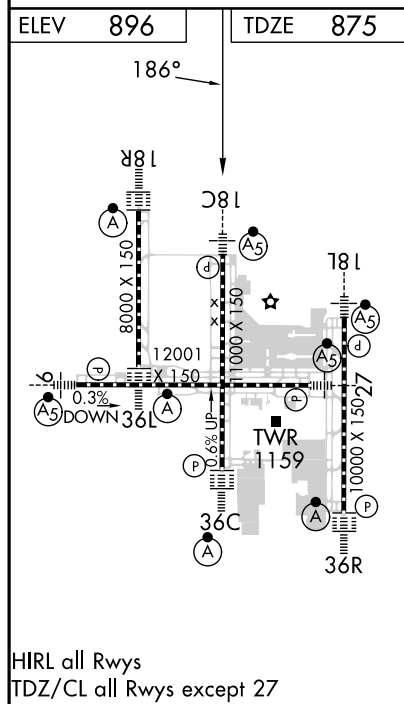
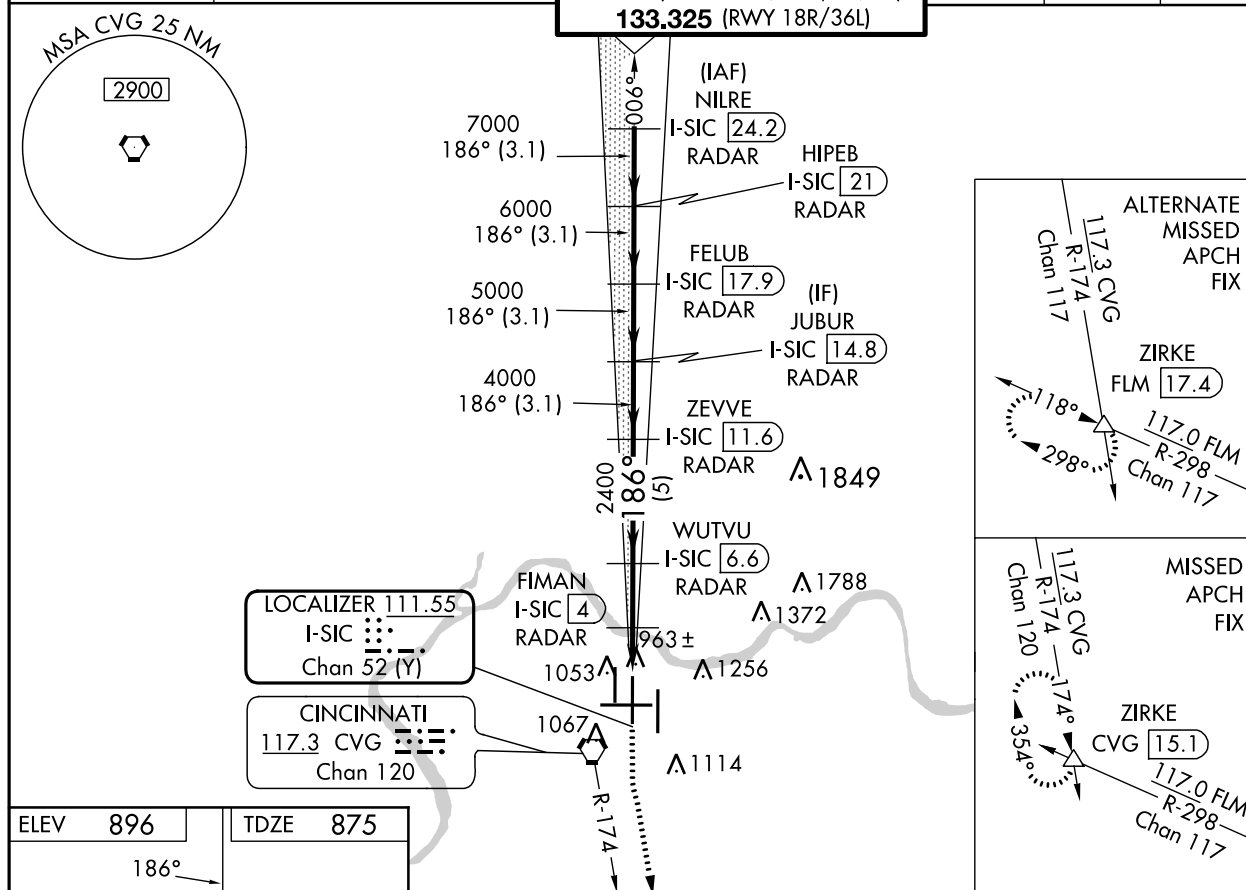
23222

LOC/DME I-SIC 111.55 Chan 52 (Y)	APP CRS 186°	Rwy Idg 11000 TDZE 875 Apt Elev 896
--	------------------------	---

ILS or LOC RWY 18C CINCINNATI/NORTHERN KENTUCKY INTL (CVG)

RADAR required for procedure entry. DME or RADAR required.	MALSR 	MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 on CVG R-174 to ZIRKE INT/CVG 15.1 DME and hold.
Simultaneous approach authorized.		

D-ATIS ARR 134.375 DEP 135.3	CINCINNATI APP CON 119.7 363.15 (090°-269°) 123.875 363.15 (270°-089°)	CINCINNATI TOWER 118.975 360.85 (RWY 18L/36R) 118.3 (RWYS 18C/36C, 09/27) 133.325 (RWY 18R/36L)	GND CON 121.7	CLNC DEL 127.175	CPDLC
---	--	---	-------------------------	----------------------------	-------



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).			
NILRE I-SIC 24.2 RADAR	HIPEB I-SIC 21 RADAR	FELUB I-SIC 17.9 RADAR	JUBUR I-SIC 14.8 RADAR
ZEVVE I-SIC 11.6 RADAR	WUTVU I-SIC 6.6 RADAR	FIMAN I-SIC 4 RADAR	
* LOC only			
8000	7000	6000	5000
4000	3000	2400	1560
3.1 NM	3.1 NM	3.1 NM	3.1 NM
5 NM	2.6 NM	1 NM	1 NM
CATEGORY	A	B	C
S-ILS 18C	1075/18	200 (200-1/2)	
S-LOC 18C	1260/24	385 (400-1/2)	1260/35 385 (400-5/8)
CIRCLING	1460-1	564 (600-1)	1560-1 3/4 664 (700-1 3/4)
			1560-2 664 (700-2)

COVINGTON, KENTUCKY
Amdt 23 19JUL18

CINCINNATI/NORTHERN KENTUCKY INTL (CVG)
39°03'N-84°40'W

ILS or LOC RWY 18C

SE-1, 10 AUG 2023 to 07 SEP 2023

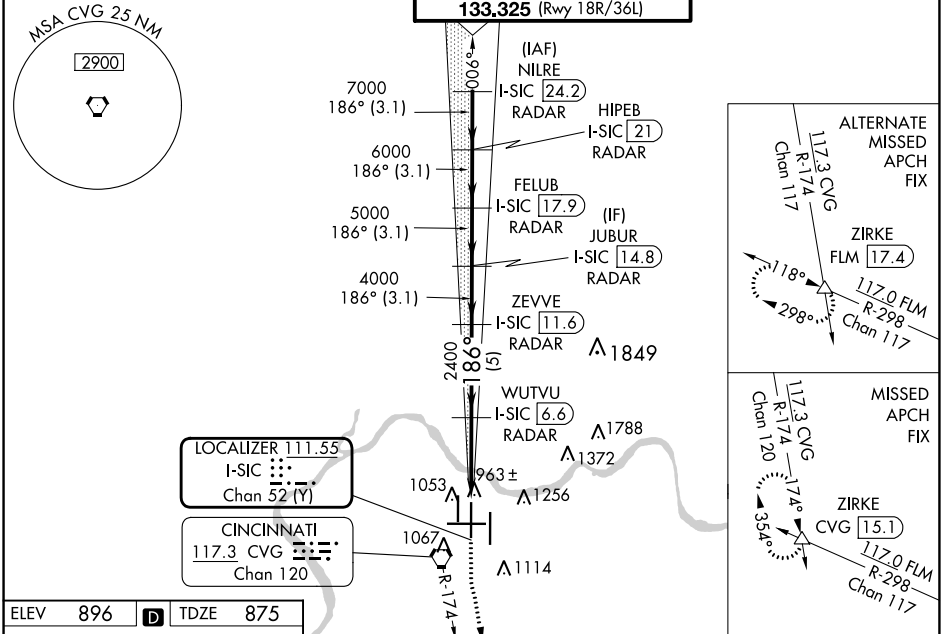
SE-1, 10 AUG 2023 to 07 SEP 2023

LOC/DME I-SIC 111.55 Chan 52 (Y)	APP CRS 186°	Rwy Idg 11000 TDZE 875 Apt Elev 896
--	------------------------	--

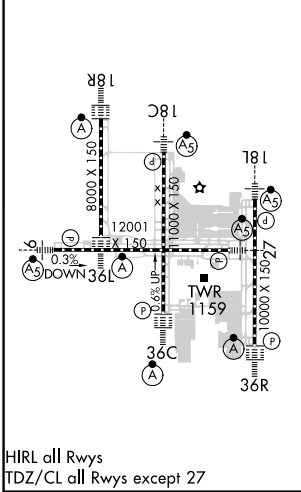
ILS RWY 18C (SA CAT I & II)
CINCINNATI/NORTHERN KENTUCKY INTL (CVG)

RADAR required for procedure entry. DME or RADAR required. Simultaneous approach authorized. SA CAT I: Requires specific OPSPEC, MSPEC, or LOA approval and use of HUD to DH. SA CAT II: Reduced Lighting: Requires specific OPSPEC, MSPEC, or LOA approval and use of autoland or HUD to touchdown.	MALSR	MISSED APPROACH: Climb to 1500 then climbing left turn to 3000 on CVG R-174 to ZIRKE INT/CVG 15.1 DME and hold.
--	-------	---

D-ATIS ARR 134.375 DEP 135.3	CINCINNATI APP CON 119.7 363.15 (090°-269°) 123.875 363.15 (270°-089°)	CINCINNATI TOWER 118.975 360.85 (Rwy 18L/36R) 118.3 (Rwys 18C/36C, 09/27) 133.325 (Rwy 18R/36L)	GND CON 121.7	CLNC DEL 127.175	CPDLC
---	--	---	-------------------------	----------------------------	-------



ELEV 896	TDZE 875
-----------------	-----------------



VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 71).					1500 3000 ZIRKE ↑ CVG R-174 △	
NILRE I-SIC 24.2 RADAR	HIPEB I-SIC 21 RADAR	FELUB I-SIC 17.9 RADAR	JUBUR I-SIC 14.8 RADAR	ZEVEE I-SIC 11.6 RADAR	WUTVU I-SIC 6.6 RADAR	
8000 7000 6000 5000 4000 2400						
GS 3.00° TCH 55						
3.1 NM 3.1 NM 3.1 NM 3.1 NM 5 NM 4.6 NM 1056'						
CATEGORY	A		B		C	D
S-ILS 18C			SA CAT I RA 191/16		150 DA 1025	
S-ILS 18C			SA CAT II RA 100/12		100 DA 975	

SA CATEGORY I & II ILS-SPECIAL AIRCREW
& AIRCRAFT CERTIFICATION REQUIRED

SE-1, 08 AUG 2024 to 05 SEP 2024

SE-1, 08 AUG 2024 to 05 SEP 2024

ESV Details

Originating Office :AJV-A421		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:ANTRI		City:COVINGTON		Ident:SIC		State:KY
Type/Class: DME		Frequency: M1139		Reference Number: 23115496		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 961044 - 015	6		19	60	60	
Requirement: KCVG ILS OR LOC RWY 18C						
Signature:Tuttle Judie		Routing Symbol:AJV-A431				Date:11/28/2023
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 961044 - 015	6					
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

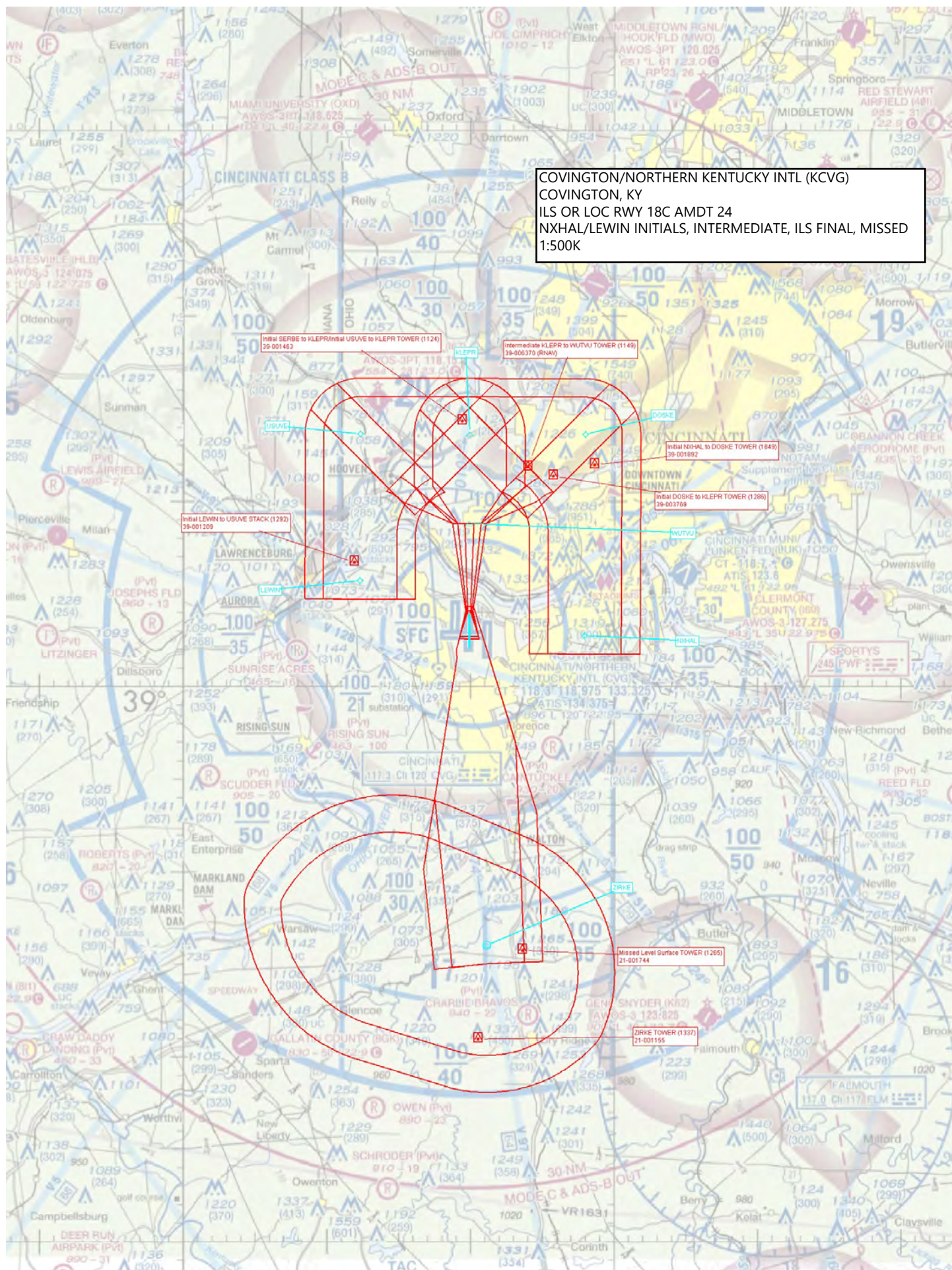
ESV Details

Originating Office :AJV-A421		Airspace Docket Number :		Request Type :Revision		
Facility Data						
Chart Name:JUPAL		City:COVINGTON		Ident:SIC		State:KY
Type/Class: DME		Frequency: M1139		Reference Number: 23104958		
Extended Service Volume Data: (Original Record)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 961044 - 010	6		25	80	80	
Requirement: NILRE ILS OR LOC RWY 18C KCVG. FC BY HOWELL HAMILTON VN069 N71 ON 07/17/2008.						
Signature:Tuttle Judie		Routing Symbol:			Date:07/30/2008	
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 961044 - 010	6		25	80	80	
Requirement: JUPAL ILS OR LOC RWY 18C KCVG. FC BY HOWELL HAMILTON VN069 N71 ON 07/17/2008.						
Signature:Tuttle Judie		Routing Symbol:AJV-A431			Date:10/17/2023	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 961044 - 010	6					
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

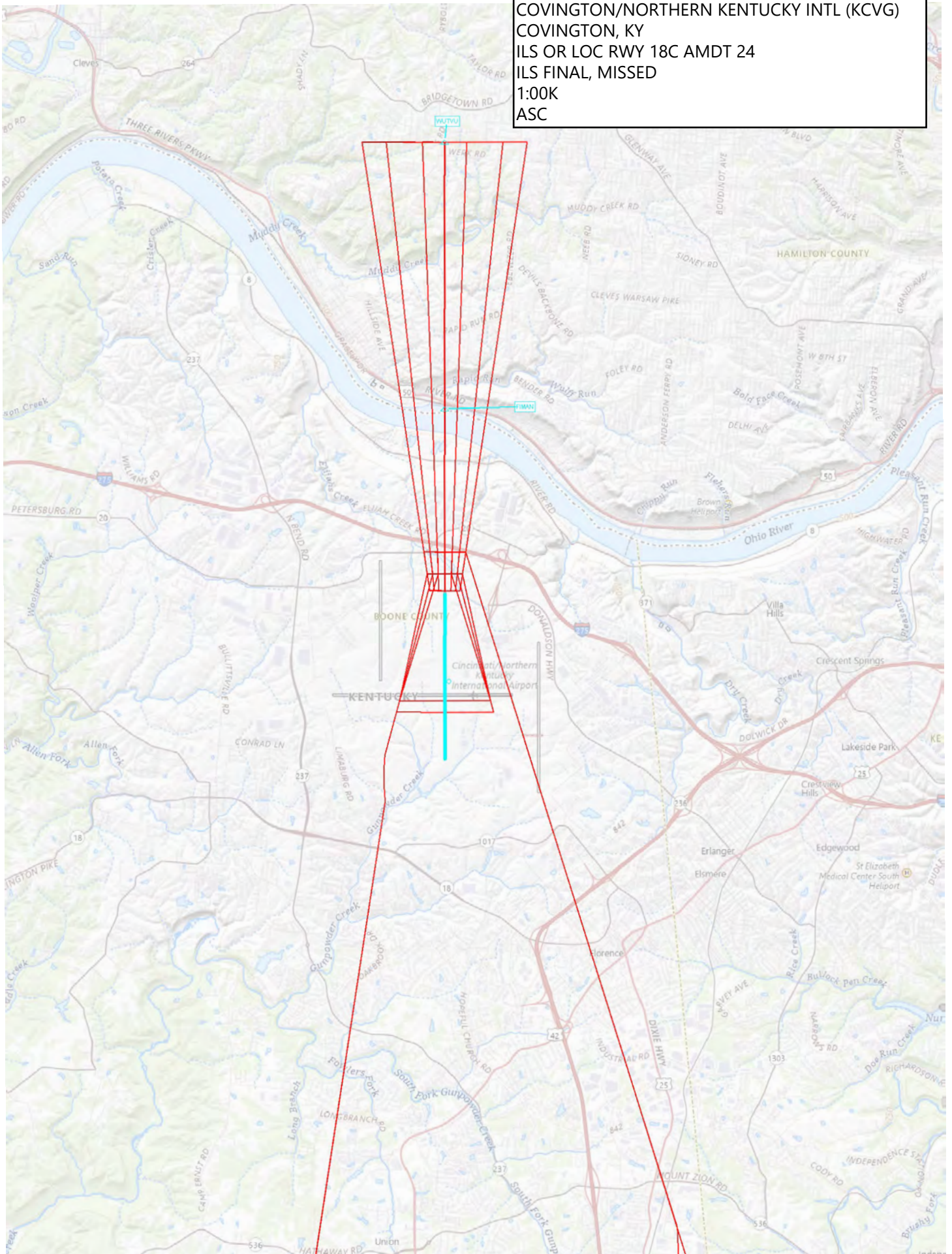
ESV Details

Originating Office :AJV-A421		Airspace Docket Number :		Request Type :Establish		
Facility Data						
Chart Name:LAMAH ILS OR LOC RWY 18C KCVG		City:COVINGTON		Ident:SIC		State:KY
Type/Class: DME		Frequency: M1139		Reference Number: 24015999		
Extended Service Volume Data: (Requesting Officer)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	
FAA 961044 - 019	6		22	70	70	
Requirement: LAMAH ILS OR LOC RWY 18C						
Signature:Tuttle Judie		Routing Symbol:AJV-A431				Date:01/08/2024
Extended Service Volume Data: (FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 961044 - 019	6		22	70	70	APPROVE
Requirement/Remarks: LAMAH ILS OR LOC RWY 18CAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/09/2024	
Extended Service Volume Data: (Super FMO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 961044 - 019	6		22	70	70	APPROVE
Requirement/Remarks: LAMAH ILS OR LOC RWY 18CAPPROVED. FREQ. PROTECTION & FIELD STRENGTH. PENDING FLIGHT INSPECT @ REQUIRED. DIST. & MIN ALT..						
Signature:Hughes Dennis		Routing Symbol:			Date:01/09/2024	
Extended Service Volume Data: (FIFO)						
ESV ID	Radial 1	Radial 2	Distance	Minimum Altitude	Maximum Altitude	Action Type
FAA 961044 - 019	6					
Requirement/Remarks:						
Signature:		Routing Symbol:			Date:	

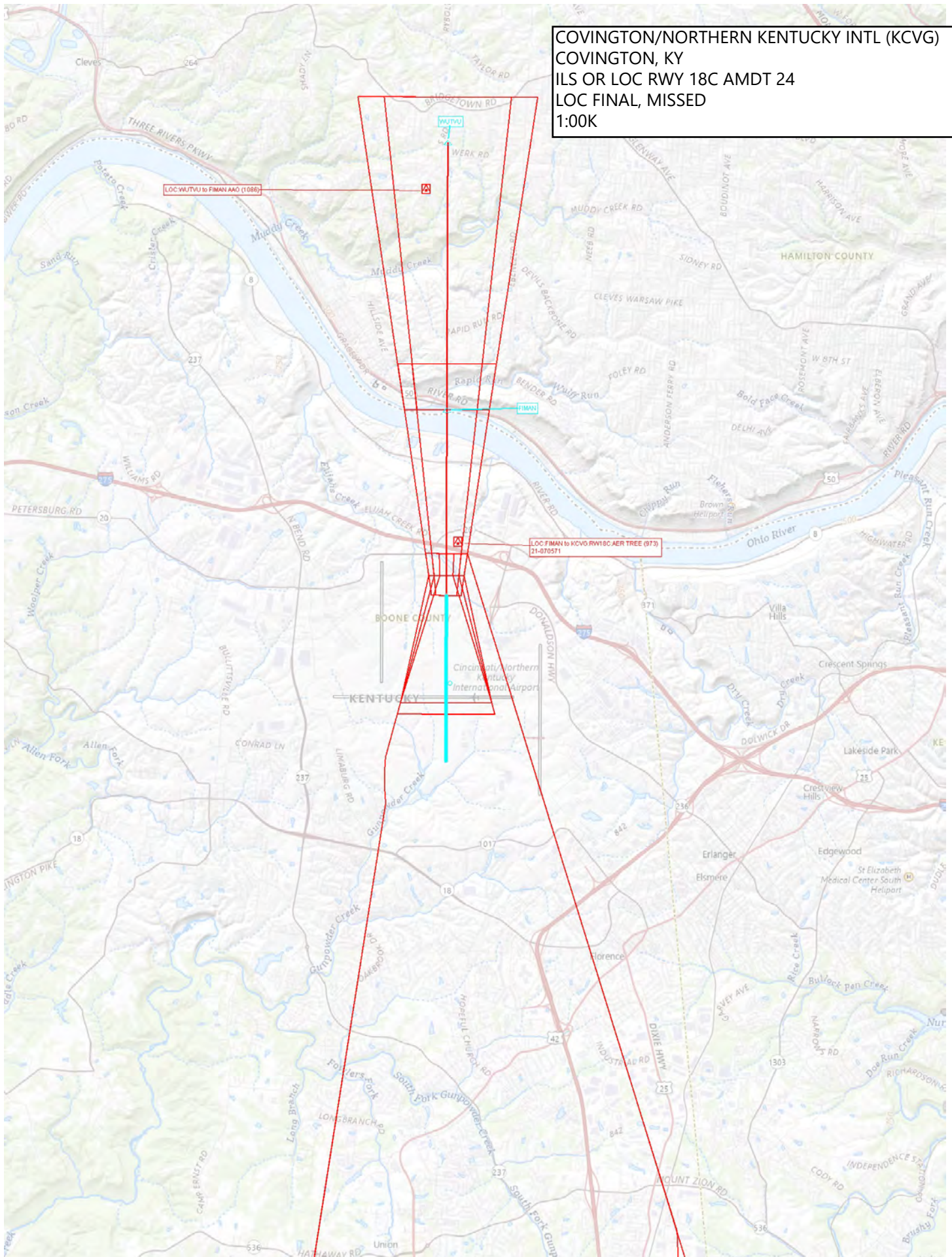
COVINGTON/NORTHERN KENTUCKY INTL (KCVG) COVINGTON, KY ILS OR LOC RWY 18C AMDT 24 INITIALS, INTERMEDIATE, ILS FINAL, MISSED 1:500K



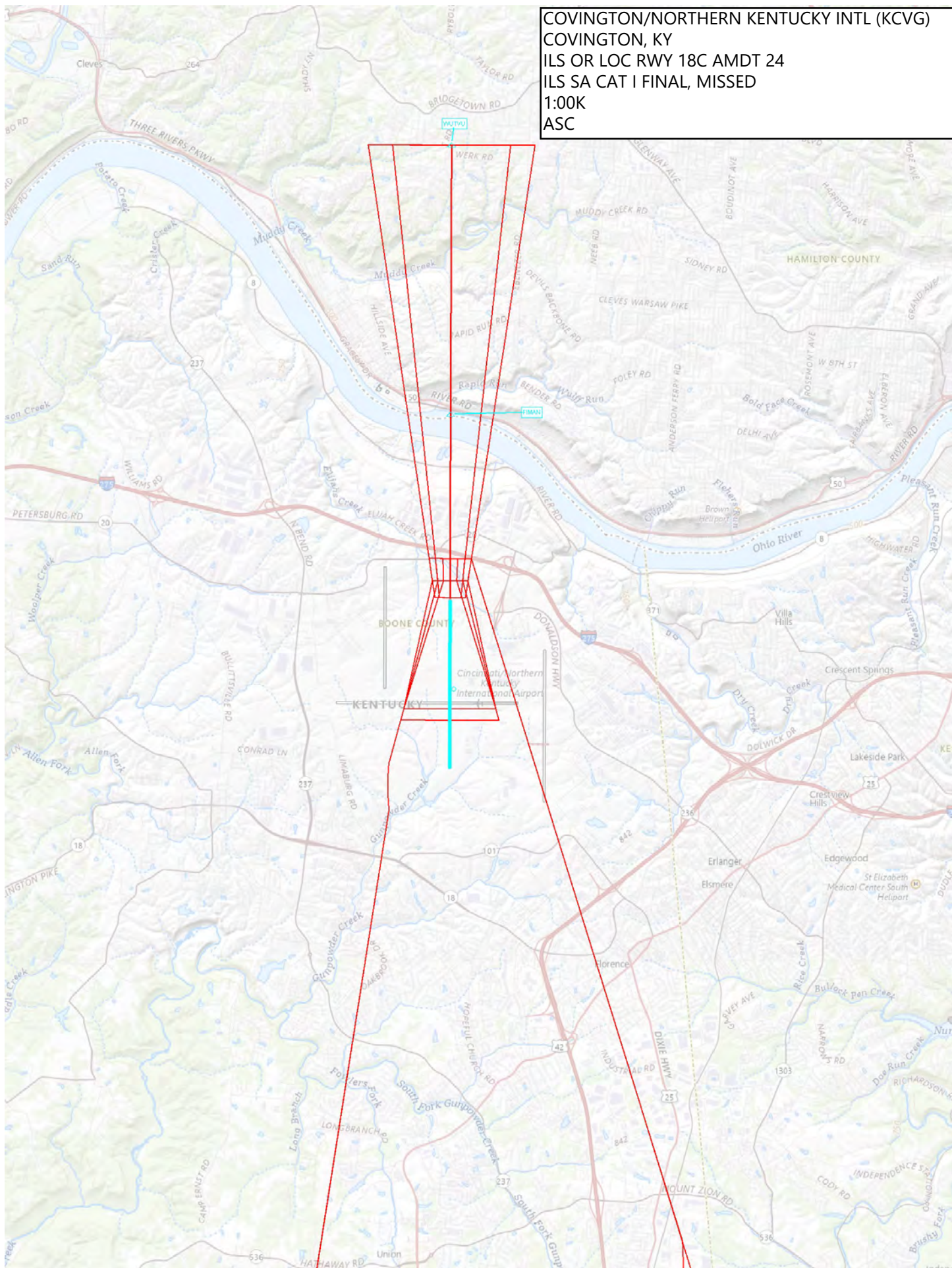
COVINGTON/NORTHERN KENTUCKY INTL (KCVG)
COVINGTON, KY
ILS OR LOC RWY 18C AMDT 24
ILS FINAL, MISSED
1:00K
ASC



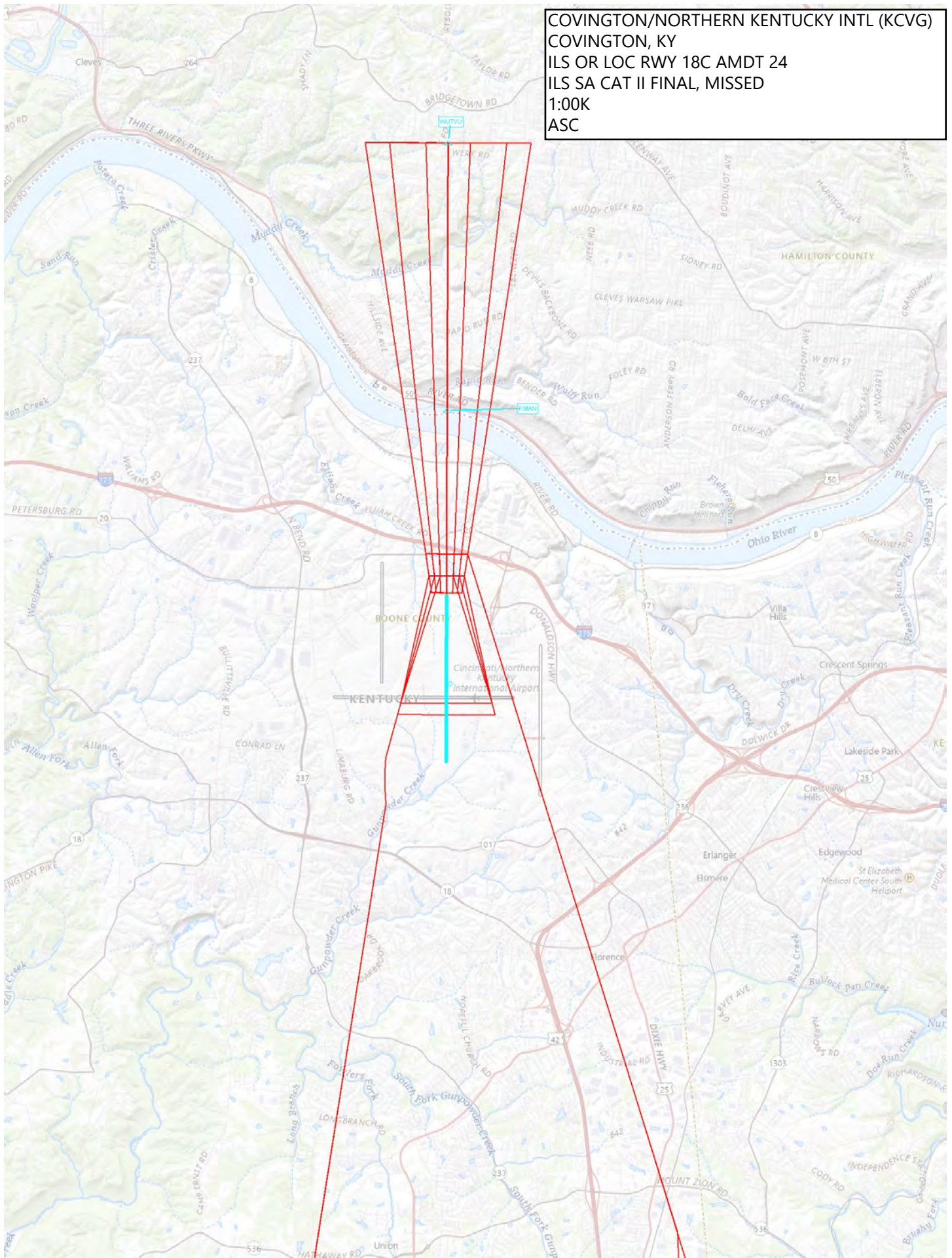
COVINGTON/NORTHERN KENTUCKY INTL (KCVG)
COVINGTON, KY
ILS OR LOC RWY 18C AMDT 24
LOC FINAL, MISSED
1:00K

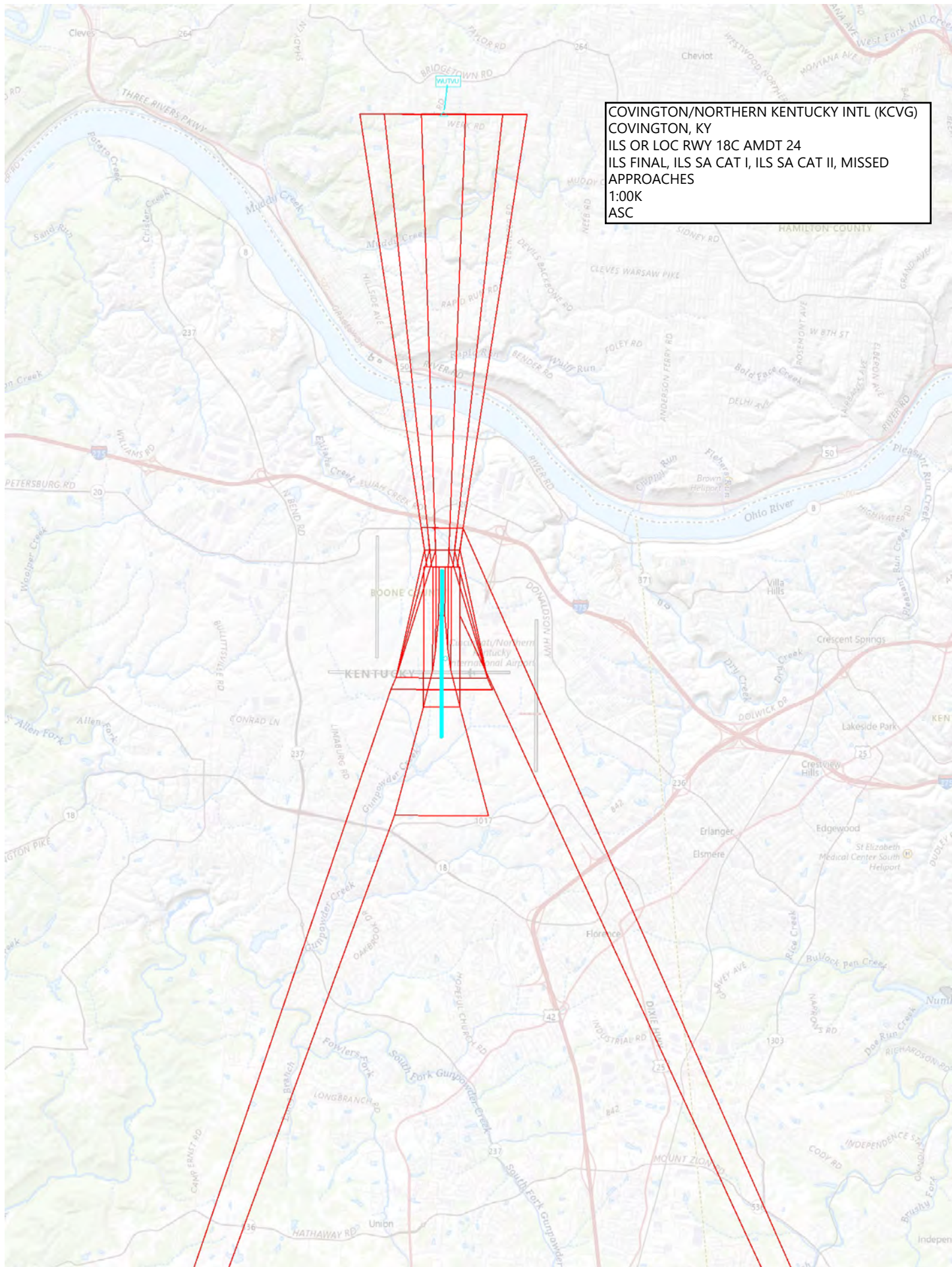


COVINGTON/NORTHERN KENTUCKY INTL (KCVG)
COVINGTON, KY
ILS OR LOC RWY 18C AMDT 24
ILS SA CAT I FINAL, MISSED
1:00K
ASC



COVINGTON/NORTHERN KENTUCKY INTL (KCVG)
COVINGTON, KY
ILS OR LOC RWY 18C AMDT 24
ILS SA CAT II FINAL, MISSED
1:00K
ASC





COVINGTON/NORTHERN KENTUCKY INTL (KCVG)
COVINGTON, KY
ILS OR LOC RWY 18C AMDT 24
ILS FINAL, ILS SA CAT I, ILS SA CAT II, MISSED
APPROACHES
1:00K
ASC

COVINGTON/NORTHERN KENTUCKY INTL (KVJI)
COVINGTON, KY
ILS OR LOC RWY 18C AMDT 24
CIRCLING
1:100K

