

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or feet RVR.

<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
KLUK	ILS OR LOC RWY 21	ORIG	CINCINNATI	OH		
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
482	475		NONE		4W	1990
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
I-LUK	390524.51N/0842514.75W		ROUTINE			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
FLM VOR/DME		KUYEY/I-LUK 12.69 DME					003.12	38.25	3000
KUYEY/I-LUK 12.69 DME	IF/IAF	JIPIN/I-LUK 8.86 DME					205.01	3.83 (I-LUK)	2400
JIPIN/I-LUK 8.86 DME		SIYOR/I-LUK 5.86 DME					205.01	3.00 (I-LUK)	2000

MISSED APPROACH

MAP:
ILS: DA
LOC: I-LUK 1.19 DME

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3000 DIRECT FLM VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD NE KUYEY/I-LUK 12.69 DME, RT, 205.01 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 205.01

FAF: SIYOR/I-LUK 5.86 DME

DIST FAF TO MAP:

DIST FAF TO THLD: 4.67
4. MIN ALT: KUYEY/I-LUK 12.69 DME 3000, JIPIN/I-LUK 8.86 DME 2400, SIYOR/I-LUK 5.86 DME 2000, YACUK/I-LUK 4.17 DME 1460
5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT: 750
6. MIN GS INCPT: 2000

GS ALT AT PFAF: SIYOR/I-LUK 5.86 DME 2000

OM:

MM:

IM:
7. GS ANGLE: 3.00

34:1:

20:1:

TCH: 38.5
8. MSA FROM: FLM VOR/DME 2800 (30NM)



EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.

NOTES:

CHART NOTE: RWY 21 HELICOPTER VISIBILITY REDUCTION BELOW RVR 4000 NOT AUTHORIZED.
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART NOTE: CIRCLING NA FOR CAT D NORTH OF RWY 7-25.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 21 ALL CATS AND S-LOC 21 CATS A AND B.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: FLM 38.25 DME AT KUYEY.
HOLD NW, RT, 143.91 INBOUND.
CHART FAS OBST: 750 TOWER (39-133927) 390827N/0842328W.
1050 AAO 390933N/0842233W.
CHART VDP AT 2.90 DME.
DISTANCE VDP TO THLD 1.71 NM.

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE, NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT B 900-2, CAT C 900-2 1/2, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE, NA WHEN CONTROL TOWER CLOSED.

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 21	797	5000	322	797	5000	322	797	5000	322	797	5000	322			
S-LOC 21	1060	5000	585	1060	5000	585	1060	1 1/4	585	1060	1 1/4	585			
CIRCLING	1260	1	778	1360	1 1/4	878	1360	2 1/2	878	1400	3	918			

CHANGES - REASONS

ORIG.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JAMES ONIEAL

Digitally signed by
CASIMIR L TABAKA
May 20, 2024

OFFICE

FPO

DATE

05/16/2024

DEVELOPED BY

CASIMIR L. TABAKA (SILVIA YOUNG)

Digitally signed by
CASIMIR L TABAKA
Apr 04, 2024

OFFICE

AJV-A432

DATE

02/16/2024

APPROVED BY

CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Apr 04, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER



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

AIRPORT ID
KLUK

PROCEDURE NAME
ILS OR LOC RWY 21

AMDT NO.
ORIG

CITY
CINCINNATI

STATE
OH

AIRPORT ELEVATION
482

FACILITY
I-LUK

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
FLM VOR/DME

TO
KUYEY/I-LUK 12.69 DME

RNP

DISTANCE
38.25

PAT

MAP

HAT

HMAS

<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 (21-001796)	385853.60N/0841854.20W	1213	50	20	2C	1000				AT787	3000
TERRAIN	384351.00N/0841406.00W	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
KUYEY/I-LUK 12.69 DME

TO
JIPIN/I-LUK 8.86 DME

RNP

DISTANCE
3.83

PAT

MAP

HAT

HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-004435)	391857.97N/0842210.98W	1245	50	20	2C	500					1800
TERRAIN	391751.00N/0842136.00W	915 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INTERMEDIATE: STEPDOWN

FROM

JIPIN/I-LUK 8.86 DME

TO

SIYOR/I-LUK 5.86 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	3.00										
<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>
AAO	391103.00N/0842309.00W	1086	215	8	4B	500				AT414	2000
TERRAIN	391103.00N/0842309.00W	885 (900)								AS1000	1900

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: ILS

FROM

SIYOR/I-LUK 5.86 DME

TO

RW21

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	4.67		DA				322				
<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>
TREE (39-058174)	390706.85N/0842426.59W	579	20	3	1A		34.00:1			MA72	797

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LOC

FROM

SIYOR/I-LUK 5.86 DME

TO

YACUK/I-LUK 4.17 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>			<u>HAT</u>			<u>HMAS</u>		
	1.70										
<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	391051.00N/0842306.00W	1086	215	8	4B	250				RA100 DG24	1460

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LOC STEPDOWN

FROM

YACUK/I-LUK 4.17 DME

TO

I-LUK 1.19 DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
	2.97		I-LUK 1.19 DME				585				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-133927)	390827.10N/0842328.10W	750	250	50	4D	250				AC50	1060

COMPUTATIONS

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

SEGMENT REMARKS:



HOLD-IN-LIEU OF PT

FROM

KUYEY

TO

P-6

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u> P-6	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (39-000020)	392111.00N/0841931.00W	1568	100	20	3C	1000				AT432	3000
TERRAIN	391909.00N/0842209.00W	980 (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

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u> 578			
<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>
TREE (39-058174)	390706.85N/0842426.59W	579	20	3	1A		ASC				3000
TOWER (21-000981)	390149.00N/0843022.00W	1319	500	50	5D	1000					2400
TERRAIN	384139.00N/0841015.00W	997 (1000)								AS1500	2500

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSSED APPROACH: LOC

FROM

I-LUK 1.19 DME

TO

FLM VOR/DME

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAT</u>	<u>HMAS</u>			
										810	
<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
TOWER (21-000981)	390149.00N/0843022.00W	1319	500	50	5D	1000					2400
TERRAIN	384139.00N/0841015.00W	997 (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											
TREE (39-067377)	390543.91N/0842703.21W	1.30	778	943	20	3	1A	300			1260
CATEGORY B											
TANK (21-000139)	390545.00N/0842727.00W	1.82	878	1045	20	3	1A	300			1360
CATEGORY C											
BUILDING (39-058486)	390712.61N/0842900.52W	2.86	878	1054	20	10	1B	300			1360
CATEGORY D											
AAO	390605.00N/0842019.00W	3.74	918	1100	50	20	2C	300			1400

CIRCLING REMARKS:

MSA

CENTER

FLM VOR/DME

RADIUS

30



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-000032)	390727.00N/0843118.00W	345	30.1	1788	250	50	4D	1000			2800

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CVG APP CON, LUK TOWER

<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	LUK	24	LUK	0.19	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>
ASOS	CVG	24	CVG	12.41	Y	83

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
KLUK 482, KCVG 865
RA = 82.3.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
I-LUK	LUK ATCT	TWR OPEN	1 3

<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW03 - HIRL (PCL), REIL, PAPI-4R	NPI-F	ROLL OUT
RW07 - MIRL	NPI-F	
RW25 - MIRL, VASI-4L	NPI-F	
RW21 - MALSR (PCL), HIRL (PCL), PAPI-4L (PCL)	PIR-F	APPROACH

<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	475.1	38.5	470.2	750	3.00	38.9

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<div>X</div>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<div>X</div>	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

FINAL TYPE	CIRCLING RWY 7
20:1	
893 TREE (39-066764) 390551.9600N/0842652.4100W (108.05)	917 TREE (39-061021) 390533.7600N/0842648.5900W (102.24)
908 TREE (39-061259) 390550.0600N/0842657.1600W (102.01)	927 TREE (39-060733) 390549.0300N/0842701.9800W (101.78)

<u>AIRPORT ID</u> KLUK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 21	<u>AMDT NO.</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> I-LUK
943 TREE (39-067377) 390543.9100N/0842703.2100W (101.37)			916 TREE (39-067277) 390548.9100N/0842659.2900W (99.86)			
900 TREE (39-066944) 390549.9000N/0842655.4600W (99.55)			929 TREE (39-059956) 390545.8400N/0842701.7300W (97.09)			
901 TREE (39-060798) 390548.5100N/0842655.6700W (96.52)			884 TREE (39-060474) 390551.0100N/0842652.9100W (95.06)			
878 TREE (39-059787) 390550.9000N/0842651.5700W (93.47)			892 TREE (39-060194) 390534.8300N/0842645.0100W (92.24)			
891 TREE (39-059340) 390541.4700N/0842649.4800W (91.41)			896 TREE (39-059640) 390535.1500N/0842646.6300W (91.36)			
904 TREE (39-061665) 390550.0500N/0842659.2100W (90.84)			817 TREE (39-060892) 390555.2900N/0842638.5700W (88.14)			
881 TREE (39-059784) 390540.2600N/0842646.9300W (87.42)			826 TREE (39-060398) 390553.8900N/0842640.7400W (86.27)			
832 TREE (39-059092) 390553.5900N/0842642.3000W (86.13)			814 TREE (39-059740) 390540.5100N/0842628.2900W (85.94)			
879 TREE (39-059646) 390549.9400N/0842653.7900W (84.46)			889 TREE (39-067364) 390540.5500N/0842651.1000W (81.58)			
904 TREE (39-059745) 390544.7400N/0842658.3000W (81.43)			881 TREE (39-060199) 390537.2200N/0842646.6000W (81.37)			
892 TREE (39-058717) 390547.3000N/0842656.9100W (80.34)			916 TREE (39-059660) 390543.8900N/0842701.6400W (79.79)			
898 TREE (39-061952) 390546.2100N/0842658.0900W (79.65)			888 TREE (39-059365) 390536.8100N/0842648.8600W (79.53)			
830 TREE (39-058185) 390553.8900N/0842643.9100W (79.23)			902 TREE (39-060057) 390546.6200N/0842659.6700W (79.12)			
919 TREE (39-058621) 390545.6800N/0842703.9500W (78.98)			890 TREE (39-058598) 390531.2400N/0842646.0900W (77.98)			
891 TREE (39-060785) 390532.9000N/0842647.5100W (77.96)			797 TREE (39-058747) 390541.9400N/0842626.7100W (77.83)			
902 TREE (39-061668) 390536.8400N/0842653.6200W (77.02)			891 TREE (39-061029) 390538.2700N/0842651.4900W (76.82)			
877 TREE (39-060483) 390539.6500N/0842648.4400W (76.72)			885 TREE (39-066772) 390545.4900N/0842654.8000W (76.4)			
871 TREE (39-059345) 390547.7800N/0842652.4900W (75.87)			926 TREE (39-066776) 390542.9600N/0842705.0600W (75.67)			
918 TREE (39-057782) 390547.5900N/0842706.1100W (74.98)			857 TREE (39-061576) 390537.1100N/0842641.7400W (74.04)			
865 TREE (39-062052) 390535.1100N/0842643.3300W (71.76)			925 TREE (39-061217) 390539.8800N/0842703.8800W (71.48)			
892 TREE (39-058718) 390534.7100N/0842650.8900W (71.48)			883 TREE (39-058600) 390535.3600N/0842648.7900W (71.33)			
901 TREE (39-060728) 390543.7400N/0842659.8200W (70.77)			861 TREE (39-059545) 390542.1000N/0842647.4500W (69.97)			
867 TREE (39-060131) 390538.7700N/0842646.9300W (69.89)			803 TREE (39-066755) 390554.0200N/0842638.9900W (69.67)			
788 TREE (39-058746) 390543.1400N/0842627.4100W (69.23)			803 TREE (39-060110) 390539.6900N/0842629.3900W (69.16)			
884 TREE (39-061264) 390540.4200N/0842653.2600W (68.75)			791 BUILDING (39-067356) 390555.7600N/0842637.0300W (68.62)			
893 TREE (39-060421) 390547.6500N/0842700.9400W (68.13)			780 TREE (39-058672) 390543.4300N/0842625.7400W (67.74)			
873 TREE (39-059106) 390536.2200N/0842647.5700W (67.62)			874 TREE (39-067360) 390539.6000N/0842650.2800W (67.19)			
862 TREE (39-059549) 390533.6300N/0842642.8000W (67.1)			847 TREE (39-059260) 390550.3000N/0842650.1000W (66.17)			
875 TREE (39-067367) 390541.3100N/0842652.2500W (65.38)			899 TREE (39-060981) 390542.2300N/0842659.9700W (64.67)			
882 TREE (39-061611) 390544.5100N/0842656.6600W (64.6)			803 TREE (39-057969) 390553.0100N/0842639.8000W (64.46)			
896 TREE (39-067271) 390528.4300N/0842650.0200W (63.63)			819 TREE (39-058826) 390546.8100N/0842640.4500W (63.51)			
852 TREE (39-061373) 390534.7200N/0842641.9400W (62.68)			807 TREE (39-060965) 390552.5700N/0842641.2300W (62.44)			
876 BUILDING (39-061024) 390536.5100N/0842650.3600W (61.59)			884 TREE (39-061617) 390538.4600N/0842654.0400W (61.39)			
884 TREE (39-059177) 390531.9400N/0842649.6300W (61.31)			862 TREE (39-060202) 390533.0600N/0842644.0800W (61.29)			
836 TREE (39-061487) 390537.3500N/0842639.7600W (60.5)			896 TREE (39-060661) 390534.3200N/0842654.9600W (60.38)			

QUALITY
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<u>AIRPORT ID</u> KLUK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 21	<u>AMDT NO.</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> I-LUK
892 TREE (39-059667) 390548.4100N/0842703.4300W (60.26)			784 TREE (39-060712) 390554.6000N/0842636.7500W (59.85)			
837 TREE (39-061376) 390551.4700N/0842650.0500W (59.11)			769 TREE (39-058669) 390544.5800N/0842626.3200W (57.44)			
903 TREE (39-060350) 390542.5900N/0842703.4400W (57.44)			855 TREE (39-059356) 390548.7800N/0842654.1400W (56.49)			
884 TREE (39-059743) 390532.9100N/0842652.2500W (54.48)			804 TREE (39-058833) 390552.3500N/0842642.9800W (52.82)			
836 TREE (39-061862) 390535.7100N/0842641.0200W (52.23)			792 TREE (39-060588) 390538.6800N/0842630.4200W (52.18)			
881 TREE (39-059753) 390535.8000N/0842654.2700W (51.29)			845 TREE (39-059548) 390536.0600N/0842644.3000W (50.63)			
871 TREE (39-061953) 390543.2800N/0842656.9000W (49.85)			888 TREE (39-060735) 390529.1900N/0842652.3200W (49.42)			
861 TREE (39-058917) 390548.5000N/0842657.7300W (49.33)			805 TREE (39-059698) 390552.8000N/0842644.5900W (49.28)			
834 TREE (39-066937) 390537.8300N/0842643.0200W (48.28)			881 TREE (39-066941) 390536.5600N/0842655.6700W (48.21)			
764 TREE (39-060054) 390556.2000N/0842635.4900W (48.03)			809 TREE (39-066936) 390546.8900N/0842642.3200W (47.18)			
860 TREE (39-058719) 390545.7200N/0842656.3200W (46.65)			823 TREE (39-058450) 390536.1600N/0842639.3100W (46.25)			
881 TREE (39-060413) 390531.5700N/0842652.8700W (46.14)			879 TREE (39-067375) 390547.1300N/0842702.9200W (46)			
851 TREE (39-059642) 390531.6400N/0842644.4000W (45.81)			838 TREE (39-059789) 390542.8500N/0842648.5500W (44.91)			
863 TRANSMISSION_LINE (39-067275) 390547.7400N/0842659.1300W (44.65)			829 TREE (39-059259) 390546.6200N/0842648.6800W (44.39)			
877 TREE (39-060062) 390529.4500N/0842650.8800W (44.05)			768 TREE (39-066931) 390542.3400N/0842628.5300W (43.44)			
889 TREE (39-057786) 390545.9700N/0842705.7400W (43.43)			828 TREE (39-067267) 390544.9700N/0842647.6500W (43.07)			
841 TRANSMISSION_LINE (39-059649) 390546.4200N/0842652.5300W (42.51)			829 TREE (39-059791) 390549.1700N/0842651.2000W (41.66)			
892 TREE (39-061478) 390544.8800N/0842706.3900W (41.59)			833 TREE (39-059540) 390538.8000N/0842645.5700W (40.7)			
837 TREE (39-059845) 390532.3400N/0842642.5700W (39.84)			811 TREE (39-061481) 390543.9700N/0842643.0700W (39.65)			
889 TREE (39-060646) 390539.0300N/0842702.2100W (39.29)			878 TREE (39-066775) 390547.1700N/0842704.6100W (39.21)			
796 TRANSMISSION_LINE (21-022281) 390545.9400N/0842640.8200W (37.16)			856 TREE (39-058714) 390536.6800N/0842651.8900W (36.66)			
862 TREE (39-059496) 390539.3400N/0842655.5200W (36.32)			833 TREE (39-059341) 390544.9600N/0842651.1700W (35.79)			
864 TREE (39-059498) 390531.5900N/0842651.2700W (34.76)			862 TREE (39-067124) 390542.3700N/0842658.0700W (34.62)			
826 TREE (39-059268) 390537.0700N/0842644.1700W (34.48)			747 TREE (39-058673) 390542.0900N/0842624.9400W (34.35)			
852 TREE (39-061255) 390530.0500N/0842646.9400W (34.2)			824 TREE (39-059553) 390545.1600N/0842649.2200W (34.05)			
805 TREE (39-058681) 390547.5500N/0842645.6600W (33.11)			870 TREE (39-059955) 390539.6400N/0842658.9600W (33.05)			
793 TRANSMISSION_LINE (39-058359) 390545.8400N/0842641.0900W (32.98)			804 TREE (39-067112) 390546.1800N/0842644.5700W (32.67)			
818 TREE (39-059444) 390542.0200N/0842645.7800W (32.6)			836 TREE (39-059112) 390542.0300N/0842650.9800W (32.51)			
864 TREE (39-060416) 390539.7400N/0842657.4800W (32.44)			896 TREE (39-061695) 390545.6100N/0842710.8400W (31.82)			
823 TRANSMISSION_LINE (39-060130) 390546.2900N/0842650.5000W (31.27)			761 TREE (39-060587) 390553.4400N/0842637.5800W (31.21)			
804 TREE (39-060823) 390548.3900N/0842646.5500W (31)			853 TREE (39-061658) 390540.4900N/0842655.2500W (30.99)			
882 TREE (39-067126) 390533.7100N/0842659.0000W (30.86)			800 TREE (39-060366) 390536.8200N/0842637.6500W (30.6)			
791 TREE (39-058192) 390544.9100N/0842640.6000W (30.48)			816 TREE (39-058953) 390534.1800N/0842640.5000W (30.41)			
886 TREE (39-061546) 390543.9000N/0842707.2200W (30.37)			795 TREE (39-060367) 390545.1000N/0842642.2400W (29.22)			
852 TREE (39-061332) 390533.3200N/0842650.7000W (28.85)			871 TREE (39-059658) 390534.8800N/0842657.2300W (28.8)			

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<u>AIRPORT ID</u> KLUK	<u>PROCEDURE NAME</u> ILS OR LOC RWY 21	<u>AMDT NO.</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> I-LUK
817 TREE (39-061655) 390539.7800N/0842645.1400W (28.52)			851 TREE (39-061959) 390541.9800N/0842656.5000W (28.16)			
805 TREE (39-060828) 390544.0700N/0842644.7600W (28.01)			778 TREE (39-060969) 390546.7400N/0842639.1700W (26.8)			
889 TREE (39-061101) 390541.1400N/0842707.2400W (26.77)			798 TREE (39-061053) 390550.4900N/0842647.5400W (26.53)			
770 TREE (39-061172) 390539.3000N/0842632.1000W (25.8)			792 TREE (39-067114) 390549.0400N/0842645.1400W (25.46)			
880 TREE (39-061195) 390524.5100N/0842653.8500W (25)			880 TREE (39-066777) 390541.4500N/0842705.3800W (24.98)			
854 BUILDING (39-059742) 390534.0900N/0842652.9500W (24.84)			828 TREE (39-058369) 390545.1300N/0842653.1200W (24.4)			
825 TREE (39-060200) 390531.2000N/0842642.8100W (24.31)			781 TREE (39-059104) 390547.4900N/0842641.2900W (24.19)			
867 TREE (39-059976) 390537.2200N/0842659.0200W (24.11)			799 TREE (39-058442) 390538.2700N/0842640.3300W (23.7)			
733 TREE (39-058490) 390545.8000N/0842626.6100W (23.32)			883 TREE (39-061090) 390542.3800N/0842707.3500W (23.32)			
857 TRANSMISSION_LINE (39-060660) 390538.0100N/0842656.9300W (23.26)			865 TREE (39-059656) 390533.7900N/0842656.5200W (22.69)			
860 TRANSMISSION_LINE (39-067282) 390542.7500N/0842701.4000W (21.92)			790 TREE (39-060819) 390551.9900N/0842647.7000W (21.53)			
860 TREE (39-059650) 390536.8600N/0842657.5100W (21.52)			738 TREE (39-059480) 390555.0800N/0842634.8800W (21.5)			
862 TREE (39-059959) 390532.5300N/0842655.3300W (20.85)			870 TREE (39-060636) 390537.3600N/0842701.1100W (20.16)			
790 TREE (39-060650) 390535.2100N/0842636.8000W (19.74)			770 TREE (39-060191) 390547.7900N/0842639.6700W (19.55)			
884 TREE (39-067289) 390544.4500N/0842710.1700W (19.4)			807 TREE (39-061370) 390538.7900N/0842644.3100W (19.06)			
783 TREE (39-059404) 390543.8600N/0842640.8800W (19.02)			785 TREE (39-060039) 390548.0400N/0842644.3400W (18.87)			
874 TREE (39-067372) 390537.6200N/0842702.9400W (18.4)			800 TREE (39-059173) 390545.9400N/0842647.3600W (18.38)			
830 TREE (39-066773) 390544.2300N/0842655.0200W (17.65)			815 TREE (39-060482) 390543.0300N/0842650.0400W (17.15)			
770 TREE (39-059089) 390545.6000N/0842639.0100W (16.66)			824 TREE (39-066765) 390543.9000N/0842653.3800W (16.58)			
518 BUILDING (39-024185) 390607.1100N/0842541.6000W (15.57)			795 TREE (39-060824) 390538.7100N/0842641.9300W (15.16)			
839 BUILDING (39-061619) 390529.0400N/0842648.3800W (13.79)			732 TREE (39-058749) 390544.2300N/0842628.1900W (13.1)			
779 TREE (39-060035) 390547.1400N/0842643.8100W (12.59)			800 TREE (39-059436) 390532.5200N/0842639.9200W (12.5)			
851 TREE (39-059962) 390538.3800N/0842658.5800W (12.39)			798 TREE (39-061371) 390543.1000N/0842646.6000W (12.3)			
880 TREE (39-059010) 390539.5700N/0842707.7700W (12.2)			872 TREE (39-061621) 390544.1800N/0842708.6700W (11.99)			
794 TREE (39-067359) 390548.8300N/0842649.5100W (11.74)			879 TREE (39-058959) 390538.4100N/0842706.8600W (11.62)			
746 TREE (39-061165) 390552.4000N/0842638.2800W (11.31)			794 TREE (39-061863) 390539.5100N/0842643.3800W (11.01)			
881 TREE (39-059859) 390544.6800N/0842711.9000W (10.92)			764 TREE (39-066934) 390548.7600N/0842641.0900W (10.9)			
721 TREE (39-058754) 390555.3100N/0842633.2100W (10.86)			757 TREE (39-060397) 390546.5100N/0842637.7600W (10.17)			
858 TREE (39-057717) 390531.4400N/0842656.5200W (10.12)			770 TREE (39-059402) 390548.2800N/0842642.7300W (10.05)			
787 TREE (39-061563) 390545.1000N/0842645.4500W (10.04)			514 BUILDING (39-060535) 390606.4300N/0842541.5900W (9.99)			
785 TREE (39-061859) 390549.0400N/0842647.5900W (9.92)			867 TREE (39-057791) 390527.4500N/0842656.5200W (9.67)			
896 TREE (39-058687) 390543.5600N/0842715.8700W (9.44)			866 TREE (39-061094) 390545.3500N/0842708.5600W (9.14)			
853 TREE (39-057719) 390539.8100N/0842701.1000W (9)			798 TREE (39-059262) 390541.0600N/0842646.1600W (9)			
866 TREE (39-067284) 390546.5200N/0842709.4800W (8.71)			874 TREE (39-061821) 390523.6000N/0842656.2100W (8.63)			
781 BUILDING (39-058454) 390545.0100N/0842644.1700W (8.29)			512 BUILDING (39-060539) 390606.6600N/0842541.7400W (8.01)			

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AIRPORT ID KLUK	PROCEDURE NAME ILS OR LOC RWY 21	AMDT NO. ORIG	CITY CINCINNATI	STATE OH	AIRPORT ELEVATION 482	FACILITY I-LUK
787 BUILDING (39-058952) 390546.9800N/0842647.3200W (7.98)			787 TREE (39-066938) 390541.9800N/0842643.9800W (7.77)			
852 TREE (39-059665) 390527.6900N/0842652.9400W (7.71)			822 TREE (39-061262) 390541.7000N/0842653.8600W (7.69)			
895 TREE (39-058510) 390541.9500N/0842715.0100W (7.62)			866 TREE (39-061213) 390529.5500N/0842658.2500W (7.62)			
856 TREE (39-058622) 390535.0100N/0842659.1200W (7.52)			764 TREE (39-058584) 390544.4400N/0842639.1400W (7.46)			
706 TERRAIN (39-058492) 390557.5700N/0842631.4500W (7.34)			769 TREE (39-060369) 390552.4700N/0842646.0800W (7.31)			
884 TREE (39-059873) 390538.4800N/0842709.6600W (7.03)			821 TREE (39-060797) 390529.3600N/0842645.5900W (6.27)			
850 BUILDING (39-058624) 390541.0900N/0842702.1300W (5.45)			796 TREE (39-062000) 390533.2300N/0842641.3200W (5.31)			
849 TREE (39-059664) 390529.1200N/0842653.9100W (4.72)			829 TERRAIN (39-061656) 390535.2500N/0842652.3700W (4.6)			
850 TREE (39-059979) 390526.4200N/0842652.5800W (3.95)			793 TERRAIN (39-059856) 390548.0000N/0842651.0100W (3.55)			
545 TREE (39-060572) 390605.3400N/0842551.6400W (3.41)			838 BUILDING (39-060412) 390526.9300N/0842649.7300W (3.09)			
787 TREE (39-058957) 390540.8700N/0842644.6600W (2.77)			881 TREE (39-060140) 390536.4800N/0842708.7400W (2.5)			
853 TREE (39-067130) 390546.5200N/0842707.5800W (2.33)			545 TREE (39-061142) 390606.5100N/0842552.7800W (2.21)			
707 TREE (39-058045) 390545.2200N/0842624.9800W (1.62)			704 TREE (39-058036) 390546.5500N/0842625.1400W (1.22)			
743 TREE (39-060400) 390551.7600N/0842640.0700W (0.56)						
FINAL TYPE	S-ILS 21 & S-LOC 21					
34:1						
529 TREE (39-057920) 390646.5600N/0842438.6500W (10.88)			570 TREE (39-059780) 390657.7400N/0842420.9400W (6.1)			
521 TREE (39-058129) 390644.3300N/0842433.6600W (4.93)			561 TREE (39-066564) 390658.9100N/0842434.2000W (4.87)			
518 TREE (39-058128) 390642.9000N/0842431.5600W (4.15)			537 TREE (39-059392) 390648.9000N/0842427.9200W (3.46)			
530 TREE (39-061405) 390647.2400N/0842430.0900W (2.88)			512 TREE (39-057587) 390643.5100N/0842438.8700W (2.53)			
579 TREE (39-058168) 390701.6600N/0842417.2000W (1.1)			556 TREE (39-061804) 390658.1000N/0842432.9300W (1.07)			
508 TREE (39-058555) 390642.7800N/0842438.6900W (0.41)			476 LIGHTING (39-067051) 390632.5500N/0842442.5900W (0.07)			
PENETRATIONS REMARKS:						

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' VEGETATION USED PER FPT.

FOR CONTINGENCY PURPOSES:
NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI/NORTH KENTUCKY INTL ALTIMETER SETTING AND INCREASE S-ILS 21 DA TO 880 FEET; INCREASE ALL MDAS 100 FEET; INCREASE S-LOC 21 VISIBILITY CATS C AND D 1/4 SM, AND CIRCLING VISIBILITY CATS A, B AND C 1/2 SM.
NOTE: VDP NA WHEN USING CINCINNATI/NORTH KENTUCKY INTL ALTIMETER SETTING.
NOTE: FOR INOPERATIVE ALS WHEN USING CINCINNATI/NORTH KENTUCKY INTL ALTIMETER SETTING AND INCREASE S-ILS 21 ALL CATS VISIBILITY TO RVR 6000.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1050 AAO 390933.00N/0842233.00W.

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	4.35
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.16
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	201.01
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	5.92
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.50
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	201.01
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)	390630.09N/0842442.43W
ARP COORDINATES	390610.72N/0842503.38W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 3 DISTANCE 0.62 NM
FAF COORDINATES	264758.62N/0975707.20W
FIX NAME COORDINATES	IF/IAF KUYEY 391714.68N/0841923.80W

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
CASIMIR L. TABAKA (SILVIA YOUNG)	AJV-A432	02/16/2024	AERONAUTICAL INFORMATION SPECIALIST

