

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> LUK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH
<u>AIRPORT ELEVATION</u> 482	<u>TDZE</u> 481	<u>SUPERSEDED</u>	<u>DATED</u>	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1990
				<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>
FLM VOR/DME		LODLL		TF	FB	1.00	345.00	10.00	2700
LODLL	IAF	SHILA		TF	FB	1.00	330.07	9.60	2500
CUCJU	IAF	SHILA		TF	FB	1.00	060.63	9.65	2500
SHILA	IF	WONAN		TF	FB	1.00	024.97	4.86	2100
WONAN	FAF	ZUGMI/2.99 NM TO RW03		TF	FB	0.30	024.98	1.95	
ZUGMI/2.99 NM TO RW03		RW03	MAP	TF	FO	0.30	024.98	2.99	
RW03	MAP	882 MSL		CA			024.98		
882 MSL		KUYEY		DF	FO	1.00			2600

MISSED APPROACH

MAP:

LNAV: RW03

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2600 DIRECT KUYEY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT** SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT SHILA
- FAC:** 024.98 **FAF:** WONAN **DIST FAF TO MAP:** 4.94 **DIST FAF TO THLD:** 4.94
- MIN ALT:** SHILA 2500, WONAN 2100, ZUGMI/2.99 NM TO RW03 1480
- DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:**
- MIN GP INCPT:** **GP ALT AT FAF:** **OM:** **MM:** **IM:**
- GP ANGLE:** **34:1:** IS NOT CLEAR **20:1:** IS CLEAR **TCH:**
- MSA FROM:** RW03 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE (ANGLE)/TCH (FEET)).
CHART NOTE: RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: CIRCLING NA FOR CAT D NORTH OF RWY 7-25.
CHART NOTE: CIRCLING RWY 7 NA AT NIGHT.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT FLM VOR/DME ON V517 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CUCJU ON V97 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

HOLD NE, RT, 205.01 INBOUND.
CHART FAS OBST: 978 ANTENNA (39-059420) 390348N/0842630W.
CHART 1184 TOWER (21-000395) 390031N/0842637W.
1024 AAO 390239N/0842709W.
CHART VDP AT 2.23 NM TO RW03.
WONAN TO RW03: 3.00/47.

MINIMUMS:

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

ALTERNATE: NA STANDARD - CAT B 900-2, CAT C 900-2 1/2, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LNAV MDA	1240	1	759	1240	1 1/4	759	1240	2	759	1240	2	759			
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:** CVG APP CON, LUK ATCT, ZID, AMGR.

FLIGHT CHECKED BY

JAMES ONIEAL
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

02/27/2024

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**

<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>
LUK	RNAV (GPS) RWY 3	ORIG	CINCINNATI	OH	482	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM FLM VOR/DME **TO** LODLL

RNP 1.00 **DISTANCE** 10.00 **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>
AAO	383727.00N/0842039.00W	1106	215	8	4B	1000				AT594	2700
TERRAIN	384315.00N/0842233.00W	938 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM LODLL **TO** SHILA

RNP 1.00 **DISTANCE** 9.60 **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 (21-000837)	385729.41N/0842730.22W	1172	50	20	2C	1000				AT328	2500
TERRAIN	385524.00N/0843045.00W	935 (900)								AS1500	2400

COMPUTATIONS

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

SEGMENT REMARKS:



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FACILITY
RNAV

INITIAL

FROM
CUCJU

TO
SHILA

RNP
1.00

DISTANCE
9.65

PAT

MAP

HAT

HMAS

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					2300
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:

INTERMEDIATE

FROM
SHILA

TO
WONAN

RNP
1.00

DISTANCE
4.86

PAT

MAP

HAT

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (21-000395)	390031.00N/0842637.00W	1184	500	50	5D	500				AT416	2100
TERRAIN	385621.00N/0843042.00W	915 (900)								AS1000	1900

COMPUTATIONS

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

SEGMENT REMARKS:



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FINAL: LNAV

FROM WONAN **TO** ZUGMI/2.99 NM TO RW03

RNP 0.30 **DISTANCE** 1.95 **PAT** **MAP** **HAT** **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	390133.00N/0842739.00W	1109	215	8	4B	250				RA100 DG21	1480

COMPUTATIONS

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

SEGMENT REMARKS:

FINAL: LNAV STEPDOWN

FROM ZUGMI/2.99 NM TO RW03 **TO** RW03

RNP 0.30 **DISTANCE** 2.99 **PAT** **MAP** RW03 **HAT** 759 **HMAS**

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
ANTENNA (39-059420)	390347.84N/0842629.74W	978	20	3	1A	250					1240

COMPUTATIONS

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

SEGMENT REMARKS:



AIRPORT ID
LUK

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RNAV (GPS) RWY 3

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FACILITY
RNAV

MISSED APPROACH: LNAV

FROM
RW03 **TO**
KUYEY

RNP
0.30-1.00

DISTANCE

PAT

MAP

HAT

HMAS
1140

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
							ASC				2600
TOWER (39-002449)	391721.00N/0842118.00W	1177	50	20	2C	1000					2200
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:

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
RW03 **RADIUS**
25



SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TOWER (39-001241)	393044.00N/0843809.00W	342	27.1	1902	500	50	5D	1000			3000

MSA REMARKS:

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FACILITY
RNAV

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

CVG APP CON, LUK TOWER

WX SERVICE

ASOS

LOCATION

LUK

HRS OPERATION

24

ALTIMETER SOURCE

LUK

DISTANCE

0.19

SERVICE-A

Y

ADJUSTMENTS

0

BACK-UP WX SERVICE

ASOS

LOCATION

CVG

HRS OPERATION

24

ALTIMETER SOURCE

CVG

DISTANCE

12.41

SERVICE-A

Y

ADJUSTMENTS

83

WX REMARKS:

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

PRIMARY NAVAID

MONITOR POINT

HRS OPERATION

CAT

APPROACH AND RUNWAY LIGHTING SYSTEM	RUNWAY MARKINGS	RUNWAY VISUAL RANGE
RW03 - REIL, HIRL (PCL), 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

GLIDESLOPE ANGLE

ELEV RWY THRESHOLD

TCH

ELEV GS ANTENNA

DISTANCE FROM RWY

VGSI ANGLE

TCH

3.00

43.5

FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD
ON CENTERLINE

FT FROM THRESHOLD
FT FROM CENTERLINE

DISPLACED THRESHOLD DISTANCE

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

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)
943 TREE (39-067377) 390543.9100N/0842703.2100W (101.37)	916 TREE (39-067277) 390548.9100N/0842659.2900W (99.86)

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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)			
892 TREE (39-059667) 390548.4100N/0842703.4300W (60.26)			784 TREE (39-060712) 390554.6000N/0842636.7500W (59.85)			

QUALITY
10
CHECKED

<u>AIRPORT ID</u> LUK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>AMDT NO.</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> RNAV
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)			
817 TREE (39-061655) 390539.7800N/0842645.1400W (28.52)			851 TREE (39-061959) 390541.9800N/0842656.5000W (28.16)			

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<u>AIRPORT ID</u> LUK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>AMDT NO.</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> RNAV
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)			
787 BUILDING (39-058952) 390546.9800N/0842647.3200W (7.98)			787 TREE (39-066938) 390541.9800N/0842643.9800W (7.77)			

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<u>AIRPORT ID</u> LUK	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 3	<u>AMDT NO.</u> ORIG	<u>CITY</u> CINCINNATI	<u>STATE</u> OH	<u>AIRPORT ELEVATION</u> 482	<u>FACILITY</u> RNAV
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	LNAV RWY 3					
34:1						
891 SPIRE (21-022280) 390352.4100N/0842623.0700W (73.54)			889 SPIRE (39-058212) 390352.1300N/0842623.3100W (70.57)			
879 TREE (39-059711) 390344.2100N/0842622.3000W (39.4)			858 BUILDING (21-060117) 390351.3200N/0842622.2400W (38.2)			
894 TREE (39-058262) 390335.0700N/0842618.4700W (32.19)			561 TREE (39-060294) 390510.7300N/0842515.7500W (17.08)			
576 TREE (39-066897) 390507.2800N/0842523.0000W (16.47)			871 TREE (39-066912) 390338.9400N/0842623.2800W (15.95)			
597 TREE (39-060583) 390501.0400N/0842528.6000W (15.48)			580 TREE (39-058494) 390506.1400N/0842525.4800W (15.24)			
575 TREE (39-058043) 390507.1200N/0842524.4700W (13.8)			591 TREE (39-059843) 390501.9500N/0842526.5500W (13.71)			
557 TREE (39-066894) 390511.0800N/0842517.6100W (12.51)			582 TREE (39-058752) 390504.9300N/0842528.8600W (11.07)			
584 TREE (39-067227) 390504.3400N/0842530.0800W (10.42)			542 TREE (39-061939) 390516.7400N/0842521.5500W (9.95)			
564 TREE (39-057999) 390508.2600N/0842520.0400W (9.65)			583 TREE (39-059474) 390503.8000N/0842528.8300W (8.96)			
586 TREE (39-059841) 390502.2600N/0842528.0800W (8.3)			575 TREE (39-058911) 390505.6500N/0842527.1500W (7.49)			
564 TREE (39-058021) 390507.7800N/0842521.5500W (7.06)			591 TREE (39-057693) 390459.4800N/0842527.1800W (6.33)			
547 TREE (39-067070) 390513.9500N/0842523.3600W (5.7)			546 TREE (39-062090) 390514.4800N/0842524.7600W (5.01)			
549 TREE (39-060175) 390513.6400N/0842525.8700W (4.75)			861 TREE (39-060019) 390340.8100N/0842631.1900W (4.57)			
545 TREE (39-060460) 390512.1800N/0842516.8400W (4.2)			585 TREE (39-067221) 390500.6900N/0842527.0700W (3.78)			
532 TREE (39-061609) 390517.9000N/0842522.4500W (2.43)			565 TREE (39-061014) 390506.2700N/0842523.6500W (2.12)			
550 TREE (39-060917) 390510.1200N/0842519.4800W (1.28)			579 TREE (39-059842) 390502.5000N/0842529.4800W (0.8)			
552 TREE (39-057737) 390508.9600N/0842518.6900W (0.72)			589 TREE (39-060726) 390457.9600N/0842527.2900W (0.01)			
PENETRATIONS REMARKS:						



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LUK

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RNAV (GPS) RWY 3

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CINCINNATI

STATE
OH

AIRPORT ELEVATION
482

FACILITY
RNAV

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 CHECKLIST.

FOR CONTINGENCY PURPOSES:

NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI/NORTH KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL MDAS 100 FEET AND LNAV CAT C AND D VISIBILITY 1/2 SM; INCREASE CIRCLING CAT A/B/C VISIBILITY 1/2 SM.

NOTE: VDP NA WHEN USING CINCINNATI/NORTH KENTUCKY INTL ALTIMETER SETTING.
ORDER 8260.3 CHAPTER 2 APPLIED TO 1184 TOWER (21-000395) 390031.00N/0842637.00W.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1024 AAO 390239.00N/0842709.00W.

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	4.27
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.51
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	020.98
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	900
DISTANCE FROM	THLD	TO 1500FT POINT	5.54
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	3.94
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	020.97
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	900

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	390533.79N/0842510.18W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	390610.72N/0842503.38W
FAF COORDINATES	RUNWAY 3 DISTANCE 0.62 NM
FIX NAME COORDINATES	390057.07N/0842726.37W
	IF SHILA 385624.27N/0842940.38W

REMARKS

PART E: PREPARED BY

NAME
CASIMIR L. TABAKA (SILVIA YOUNG)

OFFICE
AJV-A432

DATE
02/27/2024

TITLE
AERONAUTICAL INFORMATION SPECIALIST

