US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
FLM VOR/DME	MDE NDB/I-LUK 8.54 DME	000.53 / 34.43	3000
MOAKS INT	MDE NDB/I-LUK 8.54 DME	243.64 / 8.61	3000

MISSED APPROACH

ILS: DA
LOC: 7.34 MILES AFTER MDE NDB OR AT I-LUK 1.19 DME FIX

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 140 AND ON CVG VORTAC R-109 TO CALIF/CVG 19.02 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 2000 THEN CLIMBING LEFT TURN TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD E, RT, 288.87 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW FLM VOR/DME, RT, 143.91 INBOUND.
FAS OBST: 1069 AAO 390936N/0842231W
CHART VDP AT 3.73 DME*;
DISTANCE VDP TO THLD 2.53 MILES.
*LOC ONLY.
CHART IN PLANVIEW: FLM VOR/DME.
CHART CFLSM AT 391857.79N/0841832.67W

1. PT R SIDE OF COURSE 025.01 OUTBOUND 3000 FT WITHIN 10 MILES OF MDE NDB (IAF)
2.
3. FAC: 205.01 FAF: MDE NDB DIST FAF TO MAP: 7.34 THLD: 7.34
4. MIN. ALT: MDE NDB 3000, KEELY OM/I-LUK 4.59 DME 1600*
5. DIST TO THLD FROM OM: 3.40 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 750
6. MIN GS INCPT: 3000 GS ALT AT: MDE NDB 2902 OM: 1607 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 38.5
8. MSA FROM: MDE NDB 3000

MAG VAR: 4W EPOCH YEAR: 1990

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: # LOC: @

CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
S-ILS 21L	750	4000	275	750	4000	275	750	4000	275	750	4000	275			
S-LOC 21L	1600	1 1/4	1125	1600	1 1/2	1125	1600	3	1125	1600	3	1125			
CIRCLING	1600	1 1/4	1117	1600	1 1/2	1117	1600	3	1117	1600	3	1117			
KEELY OM MINIMUMS															
S-LOC 21L	1320	4000	845	1320	4000	845	1320	1 7/8	845	1320	1 7/8	845			
CIRCLING	1320	1 1/4	837	1360	1 1/4	877	1360	2 1/2	877	1360	2 3/4	877			

NOTES:
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
*LOC ONLY
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL DA 86 FEET AND ALL MDA 100 FEET; KEELY OM MINIMUMS, INCREASE (SEE FORM 8260-10)

CAT A, B 1200-2, CAT C, D 1200-3
@ CAT A, B 1200-2, CAT C, D 1200-3
#@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 483 THRE: 475	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
CINCINNATI, OH	AIRPORT NAME: CINCINNATI MUNI AIRPORT LUNKEN FIELD	I-LUK	ILS OR LOC RWY 21L, AMDT 19	AMDT: 18
				DATED 01/15/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		ROUTINE

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X		X	X	X ZID, CVG APP CON, LUK ATCT, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: JILL OLSON (NICHOLAS K. JACKSON)	FIFO AJV-353	DATE: 04/04/2012
APPROVED BY		
NAME: LARRY H STROUT MANAGER	FIFO AJV-353	DATE:

CHANGES:

1. PRIMARY MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2600 VIA HEADING 140 AND CVG VORTAC R-109 TO CALIF INT/CVG 19.02 DME AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 140 AND ON CVG VORTAC R-109 TO CALIF INT/CVG 19.02 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600.
2. KEELY OM MINIMUMS S-LOC 21L MDA/HATH CHANGED FROM 1040/565 TO 1320/845 AND CAT C/D VISIBLITY CHANGED FROM RVR 5000/6000 TO 1 7/8.
3. CIRCLING CAT A MDA/HAA CHANGED FROM 1300/817 TO 1320/837.
4. ADDED NIGHT CIRCLING RESTRICTIONS.
5. VDP CHANGED FROM 2.85 DME TO 3.73 DME.
6. UPDATED INOP NOTES.

REASONS:

1. CONTINUE CLIMB-IN-HOLD ADDED PER FPT REQUEST.
2. NEW CONTROLLING OBSTACLE AND VISIBILITY ADJUSTED IAW 8260.3B CHNG 20 TABLE 3-5A.
3. NEW CONTROLLING OBSTACLE.
4. 20:1 PENETRATIONS
5. LOC MDA RAISED.
6. IAW 8260.19D PARA 854(M)3.

QUALITY 2 CHECKED

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MISSED APPROACH INSTRUCTIONS, (CONT.):
3000 ON HEADING 170 AND ON FLM VOR/DME R-324 TO FLM VOR/DME AND HOLD.

NOTES, (CONT.):
S-LOC 21L CAT C/D VISIBLITY 1/8 MILE, CIRCLING CATS B AND D VISIBILITY 1/4 MILE AND CIRCLING CAT C VISIBILITY 1/2 MILE.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-ILS 21L VISIBILITY TO 7/8 MILE ALL CATS; KEELY OM MINIMUMS, INCREASE S-LOC 21L CAT A VISIBILITY TO 1 MILE AND CATS C/D VISIBILITY TO 2 1/2 MILE.
CHART NOTE: VDP NA WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING.
CHART PLANVIEW NOTE: ADF REQUIRED.
CHART NOTE: CIRCLING TO RWY 3L AND 7 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 25 NA AT NIGHT.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-LOC 21L.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 483 THRE: 475	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CINCINNATI, OH	AIRPORT NAME: CINCINNATI MUNI AIRPORT LUNKEN FIELD	I-LUK	ILS OR LOC RWY 21L, AMDT 19	AMDT: 18
				DATED: 01/15/2009

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
☐ YES ☐ NO		

COORDINATED WITH:

ATA ☐ AAT ☐ ALPA ☐ APA ☐ AOPA ☐ NBAA ☐ OTHER (specify) ☐ _____

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	FLM VOR/DME	MDE NDB/I-LUK	1. TOWER (21-000575)	383918.98N/0841311.16W	1244 (3C)	1000	AT756	3000
		8.54 DME	2. TERRAIN	383918.98N/0841311.16W	946 (900)		AS1500	2400
FEEDER	MOAKS INT	MDE NDB/I-LUK	3. TOWER (39-003255)	391900.00N/0841958.00W	1197 (4D)	1000	AT803	3000
		8.54 DME	4. TERRAIN	391912.00N/0841933.00W	945 (900)		AS1500	2400
INTERMEDIATE: PT	10 NM	MDE NDB	5. TOWER (39-000020)	392111.00N/0841931.00W	1569 (3C)	500	AT931	3000
			6. TERRAIN	391851.00N/0842115.00W	962 (1000)		AS1500	2500
FINAL: ILS	GS INTCP	RW21L	7. TREE (KLUK0129)	390644.39N/0842439.74W	520 (1A)	34:1	MA25	750/275
FINAL: LOC	MDE NDB/I-LUK	KEELY OM/I-LUK	8. AAO	390945.01N/0842224.66W	1109 (2C)	250	XL67 XP88 RA86	1600
	8.54 DME	4.59 DME						
FINAL: LOC STEPDOWN	KEELY OM/I-LUK	7.34 MILES AFTER	9. AAO	390935.55N/0842230.88W	1069 (2C)	250		1320
	4.59 DME	MDE NDB OR AT						
		I-LUK 1.19 DME						
		FIX						
2. PROCEDURE TURN	MDE NDB	10 NM	5. TOWER (39-000020)	392111.00N/0841931.00W	1569 (3C)	1000	AT431	3000
			10. TERRAIN	392743.00N/0840842.00W	1010 (1000)		AS1500	2500
3. MISSED APPROACH — MAP:	DA / 7.34 MILES	CALIF/CVG 19.02	11. TREE (KLUK0138)	390657.28N/0842431.70W	557 (1A)	ASC		2600
	AFTER MDE NDB	DME	12. TOWER (21-000981)	390149.00N/0843022.00W	1320 (5D)	1000		2400
ELEV:	552/1070		13. TERRAIN	385423.70N/0842142.00W	920 (900)		AS1500	2400

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL		OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
CATEGORY A	1.3 NM	350		1117 / 837	15. TREE	390540.00N/0842713.00W	989 (2C)	300	SI / SI	1600 / 1320
CATEGORY B	1.5 NM	450		1117 / 877	16. TANK (21-000139)	390545.00N/0842727.00W	1046 (1A)	300	SI	1600 / 1360
CATEGORY C	1.7 NM	450		1117 / 877	16. TANK (21-000139)	390545.00N/0842727.00W	1046 (1A)	300	SI	1600 / 1360
CATEGORY D	2.3 NM	550		1117 / 877	16. TANK (21-000139)	390545.00N/0842727.00W	1046 (1A)	300	SI	1600 / 1360
CATEGORY E	4.5 NM	550								

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: MDE NDB

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (39-001241)	327/ 21.7	1903 (5D)	3000					

QUALITY CHECKED 2

CITY AND STATE	ELEVATION: 483 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	I-LUK	ILS OR LOC RWY 21L, AMDT 19	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
CVG APP CON LUK TOWER	NWS	OTHER: ASOS	SOURCE: KLUK / KCVG
	FAA		DISTANCE: 0 / 12.09
SATISFACTORY ON:	A/C		HOURS REMOTE OPERATION: 24 / 24
X VHF X UHF HF	LOCATION: KLUK		ADJUSTMENT: 0 / 86

4. MONITOR STATUS	PRIMARY NAVAID: I-LUK	
	MONITOR POINT: LUK ATCT	
	HRS OPTN: CAT 1	TWR OPEN
	HRS OPTN: CAT 3	TWR CLOSED
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 21L (PCL)
	X	HIRL 21L (PCL), 03R (PCL)
	X	MIRL 03L, 21R, 25, 07
	X	REIL 03R
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-4R 03R VASI-4L 21L, 21R, 25
6. RUNWAY MARKINGS	BASIC	BSC-F 03L, 21R
	ALL WEATHER	PIR-F 21L
	INSTRUMENT	NPI-F 03R, 25, 07
7. RUNWAY VISUAL RANGE	APPROACH	21L
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 475.2
	DISTANCE FROM RWY: 750	ELEV GP ANTENNA: 474.4
		THRESHOLD CROSSING HEIGHT: 38.5
9. FINAL APPROACH COURSE AIMING	X	RUNWAY THRESHOLD FT. FROM THRESHOLD
	X	ON CENTERLINE FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: JILL OLSON (NICHOLAS K. JACKSON)	DATE: 04/04/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/38

RASS PRESSURE PATTERNS SAME
KLUK 483.3, KCVG 896.2
RA = 85.6.
SEE ATTACHED AIRSPACE LETTER.

AVERAGE VEGETATION HEIGHT ASSUMED TO BE 100 FEET

KLUK AND KCVG ARE ON SERVICE A

FPT NOTIFIED OF 20:1 PENETRATIONS

TERPS, VOLUME 1 "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1
R03L 555 TREE (KLUK0119) 390543.98N-0842531.23W (6.99)
R03L 555 TREE (KLUK0120) 390544.66N-0842531.67W (9.49)
R03L 555 TREE (KLUK0121) 390546.16N-0842534.02W (12.92)

R03L 568 TREE (KLUK0122) 390542.14N-0842538.50W (.35)
R03L 560 TREE (KLUK0123) 390544.29N-0842537.28W (4.24)
R03L 561 TREE (KLUK0124) 390547.46N-0842535.76W (22.34)

R03L 561 TREE (KLUK0125) 390548.14N-0842536.34W (24.63)

R03L 534 TREE (KLUK0148) 390549.42N-0842534.06W (7.06)
R07 518 AND ON OL HANGAR (KLUK0004)
390607.11N-0842541.60W (15.59)
R07 796 POLE (KLUK0018) 390545.94N-0842640.82W (37.28)
R07 913 TREE (KLUK0052) 390538.14N-0842650.95W (100.54)

R07 895 TREE (KLUK0054) 390540.87N-0842647.52W (100.95)

R07 926 TREE (KLUK0056) 390544.58N-0842702.69W (87.92)
R07 543 TREE (KLUK0058) 390604.35N-0842545.61W (20.09)
R07 542 TREE (KLUK0059) 390608.14N-0842548.35W (18.53)
R07 831 TREE (KLUK0063) 390555.63N-0842636.38W (110.69)

R07 526 TREE (KLUK0152) 390606.80N-0842542.45W (19.90)
R07 553 TREE (KLUK0155) 390607.18N-0842555.18W (3.48)
R07 549 TREE (KLUK0157) 390603.56N-0842551.63W (3.26)
R07 989 TREE 390540.00N-0842713.00W (104.18)
R25 519 TREE (KLUK0050) 390635.55N-0842430.92W (5.98)

34:1
532 TREE (KLUKA016) 390646.25N-0842428.15W (5.94)
520 TREE (KLUKA010) 390646.33N-0842437.99W (1.90)
490 TREE (KLUKA007) 390634.02N-0842434.57W (3.24)
528 TREE (KLUK0169) 390646.98N-0842430.94W (2.23)
557 TREE (KLUK0138) 390657.28N-0842431.70W (3.27)
536 TREE (KLUK0135) 390651.35N-0842436.03W (2.33)
520 TREE (KLUK0129) 390644.39N-0842439.74W (8.74)
491 TREE (KLUK0049) 390634.98N-0842435.13W (2.04)

MISSED APPROACH ALTITUDE/C-I-H PER ATC REQUEST.

XP: TO MAINTAIN CURRENT MINIMA

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
CONT.

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.

3. MISSED APPROACH								
	MAP:							
	ELEV:							

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL						
CATEGORY B	1.5 NM		450							
CATEGORY C	1.7 NM		450							
CATEGORY D	2.3 NM		550							
CATEGORY E	4.5 NM		550							

5. MINIMUM SAFE ALTITUDES PRIMARY NAVAID:

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A

QUALITY CHECKED 2

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CINCINNATI, OH	ELEVATION: 483 AIRPORT NAME: CINCINNATI MUNI AIRPORT LUNKEN FIELD	I-LUK	ILS OR LOC RWY 21L, AMDT 19	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
SATISFACTORY ON:		N W S	OTHER:	SOURCE:
		F A A		DISTANCE:
		A / C		HOURS REMOTE OPERATION:
V H F / U H F / H F	LOCATION:			ADJUSTMENT:

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	

5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
		OTHER (SPECIFY)

6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

9. FINAL APPROACH COURSE AIMING		RUNWAY THRESHOLD	FT. FROM THRESHOLD
		ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS:

PART D - PREPARED BY:	DATE:
TITLE:	OFFICE:

PART C - REMARKS:

CONTINUED.
ASC 3000
12. TOWER (21-000981) 390149.00N/0843022.00W 1320 (5D)
1000 2400
14. TERRAIN 384048.00N/0841130.00W 942 (900) AS1500
2400

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CALIF **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 385601.97N/0841838.27W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CINCINNATI	CVG	VORTAC	L	108.87	104.87	19.02	19.02		2600	17500
2	FALMOUTH	FLM	VOR/DME	H	004.00	360.00		17.05		2600	17500

HOLDING: **HOLDING TYPE OF ACTION:** MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E	CVG	VORTAC	108.87	288.87	R	1-1 1/2		2600	17500	5	17
2	E		WP	108.87	288.87	R		4	2600	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-003114)	385253.00N/0841116.00W	1291	5E
1	310	TOWER (39-001605)	390343.00N/0840550.00W	1334	5D
2	200	TOWER (39-003114)	385253.00N/0841116.00W	1291	5E
2	310	TOWER (39-001605)	390343.00N/0840550.00W	1334	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 21L	KLUK	CINCINNATI	OH (US)
1	NDB RWY 21L	KLUK	CINCINNATI	OH (US)
1	NDB RWY 25	KLUK	CINCINNATI	OH (US)
2	RNAV (GPS) RWY 25	KLUK	CINCINNATI	OH (US)
2	RNAV (GPS) RWY 21L	KLUK	CINCINNATI	OH (US)

REMARKS:
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V128	1, 2				(US)
IAP	ILS OR LOC RWY 18L	1, 2	1	KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 9	1, 2	1	KCVG	COVINGTON	KY (US)
IAP	RNAV (GPS) Y RWY 9		2	KCVG	COVINGTON	KY (US)
IAP	RNAV (RNP) Z RWY 9		2	KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 21L	1, 2	1	KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 21L	1, 2	1	KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 25	1, 2	1	KLUK	CINCINNATI	OH (US)
IAP	RNAV (GPS) RWY 21L		2	KLUK	CINCINNATI	OH (US)
IAP	RNAV (GPS) RWY 25		2	KLUK	CINCINNATI	OH (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDED 310 KT HOLDING FOR PAT 1 AND 2
UPDATED PROCEDURES REQUIRING CLIMB-IN-HOLD
UPDATED DME LEG LENGTH

DEVELOPED BY: **DATE:** 04/04/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZID
ATC FACILITY: CVG
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFLSM **STATE:** OH **COUNTRY:** US

LATITUDE/LONGITUDE: 391857.79N/0841832.67W **TYPE:** CNF

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** ESTABLISH

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 21L			KLUK	CINCINNATI	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 09/20/2012

DEVELOPED BY: **DATE:** 04/06/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: LUK ATCT
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KEELY OM **STATE:** OH **COUNTRY:** US

LATITUDE/LONGITUDE: 390940.87N/0842309.11W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	KEELY	LU	OM								2000
2	CINCINNATI	I-LUK	LOC/DME		025.01	021.01	4.59	4.57		1500	2000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

REMARKS:
I-LUK DME COORDINATES: 390522.26N-0842512.09W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 21L	1, 2		KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 21L	1		KLUK	CINCINNATI	OH (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
ADDED DIST FROM FAC
UPDATED FIX USE

DEVELOPED BY: **DATE:** 03/29/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZID
ATC FACILITY: CVG/LUK TWR
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MADEIRA NDB **STATE:** OH **COUNTRY:** US

LATITUDE/LONGITUDE: 391321.80N/0842119.12W **TYPE:** DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	MADEIRA	MDE	NDB	MH							17500
2	CINCINNATI	I-LUK	LOC/DME		025.01	021.01	8.54	8.51	51735	2900	4900

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	NE	MDE	NDB	025.01	205.01	R	1		2900	10000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (39-001892)	391201.00N/0843122.00W	1849	5D
1	200	TOWER (39-000020)	392111.00N/0841931.00W	1569	3C

HOLDING RESTRICTIONS:
HOLDING PAT 1, REQUESTED AND ASSIGNED BY ATC.
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 3000.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED
COORDIANTES REFLECT LOCATION OF LOC/AZ CENTERLINE ABEAM MADEIRA NDB. ACTUAL FACILITY LOCATION IS 391321.86N-0842119.32W.
I-LUK DME COORDINATES: 390522.26N-0842512.09W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 22			KI69	BATAVIA	OH (US)
IAP	ILS OR LOC RWY 21L	2		KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 21L			KLUK	CINCINNATI	OH (US)
STAR	BRUSH			KCVG	COVINGTON	KY (US)
STAR	CINCE			KCVG	COVINGTON	KY (US)
STAR	HARDU			KCVG	COVINGTON	KY (US)
STAR	JAVIT			KCVG	COVINGTON	KY (US)
STAR	BRUSH			KK62	FALMOUTH	KY (US)
STAR	HEDEE			KK62	FALMOUTH	KY (US)
STAR	JAVIT			KK62	FALMOUTH	KY (US)
STAR	BRUSH			KI69	BATAVIA	OH (US)
STAR	HEDEE			KI69	BATAVIA	OH (US)
STAR	JAVIT			KI69	BATAVIA	OH (US)
STAR	BRUSH			KISZ	CINCINNATI	OH (US)
STAR	HEDEE			KISZ	CINCINNATI	OH (US)
STAR	JAVIT			KISZ	CINCINNATI	OH (US)
STAR	BRUSH			KLUK	CINCINNATI	OH (US)
STAR	HEDEE			KLUK	CINCINNATI	OH (US)
STAR	JAVIT			KLUK	CINCINNATI	OH (US)
STAR	BRUSH			KHAO	HAMILTON	OH (US)
STAR	HEDEE			KHAO	HAMILTON	OH (US)
STAR	JAVIT			KHAO	HAMILTON	OH (US)

REQUIRED CHARTING: STAR, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
COORDINATES UPDATED TO REFLECT FIX LOCATION ABEAM THE FACILITY

DEVELOPED BY: **DATE:** 04/20/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (NICHOLAS JACKSON)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZID

QUALITY 2 CHECKED

ATC FACILITY: CVG/LUK TWR
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MOAKS **STATE:** OH **COUNTRY:** US

LATITUDE/LONGITUDE: 391742.68N/0841145.31W **TYPE:** WP, INT, DME

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	CINCINNATI	CVG	VORTAC	L	058.59	054.59	29.00	29.00		3000	17500
2	DAYTON	DQN	VOR/DME	L	168.78	167.78		44.23		3000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DQN	VOR/DME	R-169	45	3000	17500

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	CVG	VORTAC	058.59	058.59	R	1		3000	6000	6	7
2	SW		WP	238.59	058.59	R		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (39-002039)	391424.00N/0840659.00W	1390	5D
2	200	TOWER (39-002039)	391424.00N/0840659.00W	1390	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V5	1, 2				(US)
IAP	ILS OR LOC RWY 36R	1, 2	1	KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36R	1, 2	1	KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36R (CAT II)	1, 2	1	KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36R (CAT III)	1, 2	1	KCVG	COVINGTON	KY (US)
IAP	RNAV (GPS) Y RWY 36R		2	KCVG	COVINGTON	KY (US)
IAP	RNAV (RNP) Z RWY 36R		2	KCVG	COVINGTON	KY (US)
IAP	NDB RWY 6	1		KISZ	CINCINNATI	OH (US)
IAP	ILS OR LOC RWY 21L	1		KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 21L	1		KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 25	1		KLUK	CINCINNATI	OH (US)
IAP	RNAV (GPS) RWY 21L			KLUK	CINCINNATI	OH (US)
IAP	RNAV (GPS) RWY 5			KMWO	MIDDLETOWN	OH (US)
IAP	ILS OR LOC RWY 22R	1	1	KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R	1, 2	1	KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (CAT II)	1, 2	1	KILN	WILMINGTON	OH (US)
IAP	ILS RWY 22R (CAT III)	1, 2	1	KILN	WILMINGTON	OH (US)
STAR	GAILL (RNAV)			KCMH	COLUMBUS	OH (US)

REQUIRED CHARTING: STAR, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CORRECTED FAC2 DIST FROM FAC FROM 44.32 NM TO 44.23 NM.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 03/02/2012 **OFFICE:** AJV-353 **NAME:** JILL OLSON (MICHAEL GARRITY)

APPROVED BY: **DATE:** **OFFICE:** AJV-353 **NAME:** LARRY STROUT

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZID
ATC FACILITY: CVG APP CON, CMH APP CON
OTHER:

QUALITY 2 CHECKED

INFO ONLY

RADIO FIX AND HOLDING DATA RECORD

NAME: FALMOUTH VOR/DME **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 383858.16N/0841838.27W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	FALMOUTH	FLM	VOR/DME	H							45000

HOLDING: **HOLDING TYPE OF ACTION:** NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	SE	FLM	VOR/DME	135.00	315.00	L	1		2500	6000	4	5
2	NW	FLM	VOR/DME	323.91	143.91	R	1		3000	14000	4	10
3	SE		WP	135.00	315.00	L		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-001033)	383513.30N/0842139.80W	1440	5E
2	200	TOWER (21-001033)	383513.30N/0842139.80W	1440	5E
3	200	TOWER (21-001033)	383513.30N/0842139.80W	1440	5E

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST
PAT 3 ATC REQUEST.

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BLUEGRASS			KCVG	COVINGTON	KY (US)
DP	BNGLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	CHCLL (RNAV)			KCVG	COVINGTON	KY (US)
DP	GIPLE (RNAV)			KCVG	COVINGTON	KY (US)
DP	HAGOL (RNAV)			KCVG	COVINGTON	KY (US)
DP	JBNCH (RNAV)			KCVG	COVINGTON	KY (US)
DP	KENLN (RNAV)			KCVG	COVINGTON	KY (US)
DP	LOVEY (RNAV)			KCVG	COVINGTON	KY (US)
DP	ROCKT (RNAV)			KCVG	COVINGTON	KY (US)
DP	SILKS (RNAV)			KCVG	COVINGTON	KY (US)
DP	HORNET			KVUJ	ALBEMARLE	NC (US)
DP	HORNET			KCLT	CHARLOTTE	NC (US)
DP	HORNET			KJQF	CONCORD	NC (US)
DP	HORNET			KAKH	GASTONIA	NC (US)
DP	HORNET			KIPJ	LINCOLNTON	NC (US)
DP	HORNET			KEQY	MONROE	NC (US)
DP	WINSTON			KINT	WINSTON-SALEM	NC (US)
DP	ROCKT (RNAV)			KLUK	CINCINNATI	OH (US)
DP	HORNET			KLKR	LANCASTER	SC (US)
DP	HORNET			KUZA	ROCK HILL	SC (US)
EN ROUTE	J134					(US)
EN ROUTE	J24					(US)
EN ROUTE	J43					(US)
EN ROUTE	V339					(US)
EN ROUTE	V44					(US)
EN ROUTE	V478					(US)
EN ROUTE	V517					(US)
EN ROUTE	V57					(US)
IAP	ILS OR LOC RWY 18C			KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 18L (ALT MA)		1	KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 18R			KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 27 (ALT MA)		2	KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 36C			KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 36L			KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 36R (ALT MA)		1	KCVG	COVINGTON	KY (US)
IAP	ILS OR LOC RWY 9 (ALT MA)		2	KCVG	COVINGTON	KY (US)
IAP	ILS RWY 18R (CAT II)			KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36C (CAT II)			KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36C (CAT III)			KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36L (CAT II)			KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36R (CAT II)(ALT MA)		1	KCVG	COVINGTON	KY (US)
IAP	ILS RWY 36R (CAT III)(ALT MA)		1	KCVG	COVINGTON	KY (US)
IAP	RNAV (GPS) Y RWY 18L		3	KCVG	COVINGTON	KY (US)

QUALITY CHECKED 2

IAP	RNAV (GPS) Y RWY 36C		KCVG	COVINGTON	KY (US)
IAP	RNAV (GPS) Y RWY 36L		KCVG	COVINGTON	KY (US)
IAP	RNAV (GPS) Y RWY 36R		KCVG	COVINGTON	KY (US)
IAP	RNAV (RNP) Z RWY 18L	3	KCVG	COVINGTON	KY (US)
IAP	RNAV (RNP) Z RWY 36C		KCVG	COVINGTON	KY (US)
IAP	RNAV (RNP) Z RWY 36L		KCVG	COVINGTON	KY (US)
IAP	RNAV (RNP) Z RWY 36R		KCVG	COVINGTON	KY (US)
IAP	VOR OR GPS-A	1	KK62	FALMOUTH	KY (US)
IAP	LOC RWY 25		KFGX	FLEMINGSBURG	KY (US)
IAP	VOR/DME-A		KFGX	FLEMINGSBURG	KY (US)
IAP	NDB RWY 22		KI69	BATAVIA	OH (US)
IAP	VOR-B		KI69	BATAVIA	OH (US)
IAP	NDB RWY 6		KISZ	CINCINNATI	OH (US)
IAP	ILS OR LOC RWY 21L	2	KLUK	CINCINNATI	OH (US)
IAP	LOC BC RWY 3R		KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 21L		KLUK	CINCINNATI	OH (US)
IAP	NDB RWY 25		KLUK	CINCINNATI	OH (US)
IAP	RNAV (GPS) RWY 3R		KLUK	CINCINNATI	OH (US)
IAP	VOR/DME-A		KGEO	GEORGETOWN	OH (US)
IAP	ILS OR LOC RWY 4L		KILN	WILMINGTON	OH (US)
STAR	BRUSH		KCVG	COVINGTON	KY (US)
STAR	CEGRM (RNAV)		KCVG	COVINGTON	KY (US)
STAR	CINCE		KCVG	COVINGTON	KY (US)
STAR	GAVNN (RNAV)		KCVG	COVINGTON	KY (US)
STAR	HARDU		KCVG	COVINGTON	KY (US)
STAR	JAKIE (RNAV)		KCVG	COVINGTON	KY (US)
STAR	JAVIT		KCVG	COVINGTON	KY (US)
STAR	SARGO (RNAV)		KCVG	COVINGTON	KY (US)
STAR	TIGRR (RNAV)		KCVG	COVINGTON	KY (US)
STAR	BRUSH		KK62	FALMOUTH	KY (US)
STAR	GENUS		KK62	FALMOUTH	KY (US)
STAR	CLEGG		KLEX	LEXINGTON	KY (US)
STAR	REDSTONE		KSDF	LOUISVILLE	KY (US)
STAR	JOHNS (RNAV)		KCLT	CHARLOTTE	NC (US)
STAR	SHINE		KCLT	CHARLOTTE	NC (US)
STAR	BRUSH		KI69	BATAVIA	OH (US)
STAR	CINCE		KI69	BATAVIA	OH (US)
STAR	GENUS		KI69	BATAVIA	OH (US)
STAR	HARDU		KI69	BATAVIA	OH (US)
STAR	HEDEE		KI69	BATAVIA	OH (US)
STAR	JAVIT		KI69	BATAVIA	OH (US)
STAR	BRUSH		KISZ	CINCINNATI	OH (US)
STAR	CINCE		KISZ	CINCINNATI	OH (US)
STAR	GENUS		KISZ	CINCINNATI	OH (US)
STAR	HARDU		KISZ	CINCINNATI	OH (US)
STAR	HEDEE		KISZ	CINCINNATI	OH (US)
STAR	JAVIT		KISZ	CINCINNATI	OH (US)
STAR	BRUSH		KLUK	CINCINNATI	OH (US)
STAR	CINCE		KLUK	CINCINNATI	OH (US)
STAR	GENUS		KLUK	CINCINNATI	OH (US)
STAR	HARDU		KLUK	CINCINNATI	OH (US)
STAR	HEDEE		KLUK	CINCINNATI	OH (US)
STAR	JAVIT		KLUK	CINCINNATI	OH (US)
STAR	ZABER		KCLE	CLEVELAND	OH (US)
STAR	KEKEE		KDAY	DAYTON	OH (US)
STAR	BRUSH		KHAO	HAMILTON	OH (US)
STAR	GUITR		KBNA	NASHVILLE	TN (US)

REQUIRED CHARTING: DP, STAR, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14 **DATE OF REVISION:** 06/03/2010

REASON FOR REVISION:
UPDATE FIX USE.
DOCUMENT PRECIPITOUS TERRAIN EVALUATION.

DEVELOPED BY: **DATE:** 09/14/2009 **OFFICE:** AVN-101 **NAME:** EUGENE NEWTON (SEAN BARBEE)

APPROVED BY: **DATE:** 02/19/2010 **OFFICE:** AVN-110 **NAME:** PETER GETZ

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZID
ATC FACILITY: CVG APP CON/ATCT
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **CINCINNATI** STATE: **OH**

AIRPORT NAME: **CINCINNATI MUNI AIRPORT LUNKEN FIELD** ID: **KLUK**

PROCEDURE: **ILS OR LOC RWY 21L** AMDT: **19**

DOCKET # :
(96-AXX-X/Required/Not Required)

ALL DIST TO 1/100 NM; ELEV TO NEAREST FT; COORD TO 1/100 SEC; DEG TO 1/100 DG.

1. Distance from **THLD** to 1000' point **4.35**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.16**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **201.01**
4. High Terrain in **FINAL** segment containing 1000' point **909**
5. Distance from **THLD** to 1500' point **6.61**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.64**
7. True Course of **FINAL** segment containing 1500' point **201.01**
8. High Terrain in **FINAL** segment containing 1500' point **909**
9. Threshold Coordinates (if straight-in) ... **390630.09N** / **0842442.43W**
10. ARP Coordinates ..... **390612.00N** / **0842507.00W**
11. Runway Approach End and distance furthest from ARP.....RWY **3R**
    Distance **.64** NM
12. FAF Coordinates ..... **391321.86N** / **0842119.32W**
    (Click to Select)

REMARKS: Approach/Drawing attached.