Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 02/08/2012	Task #: 201202082247990 1004	Request #: 20120208224799
Procedure: NDB RWY 21 L AMDT 17		**Airport ID:** KLUK	**Airport:** CINCINNATI MUNI AIRPORT LUNKEN FIELD		**Reimbursable #:**
City: CINCINNATI	**ST:** OH	**GPS #:**		**Estimated Chart Date:** 09/20/2012	**FICO #:**
Fac ID: MDE	**Fac. Type:** NDB/M	**Specialist:** NICHOLAS JACKSON			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	02/08/2012	05/23/2012	JILL OLSON	
QA:	05/23/2012	05/24/2012	SCOTT BEARD	
Liaison:	05/24/2012		Alfonso	

Procedure Comments: ENROUTE **Remark Type:** INFORMATION

PLS 7.24.12

CINCINNATI, OH CINCINNATI MUNI AIRPORT LUNKEN FIELD (KLUK) NDB RWY 21L, AMDT 17 ENROUTE-YES FC: 7.24.12 PUB: 9.20.12

ATTACHED FORMS: 8260-5; 8260-10; 8260-9; 8260-2(S): CALIF-INT, REV 16; KEELY (LU) OM-INT, REV 2; MADEIRA (MDE) NDB, REV 12; MOAKS-INT, REV 15; (INFO ONLY) FALMOUTH (FLM) VDME, REV 14.

CONTACT: JILL OLSON, AJV-353 LEAD, 405.954.9568:

NDB RWY 21L

CINCINNATI MUNI AIRPORT-LUNKEN FIELD (LUK)

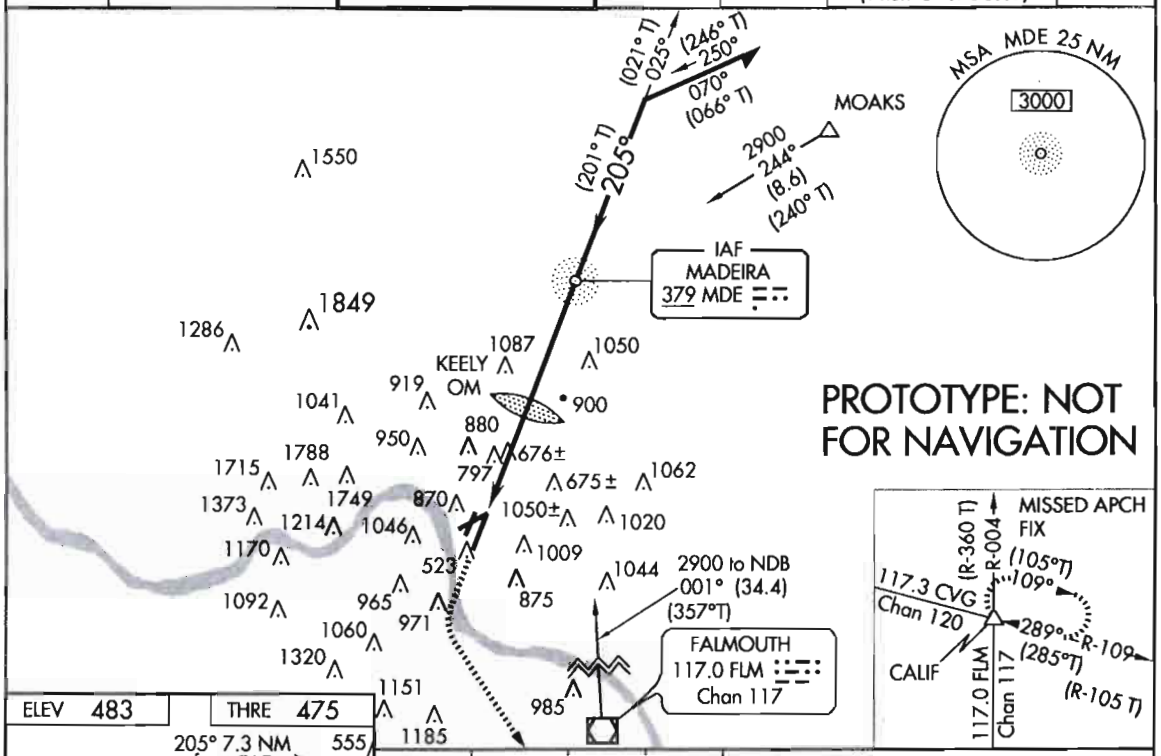
NDB MDE	APP CRS	Rwy Idg	6101
379	205°	TDZE	475
		Apt Elev	483

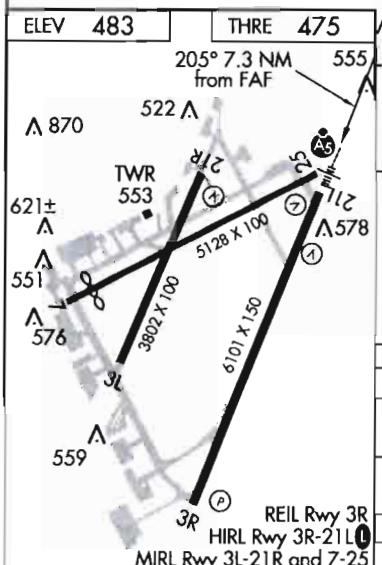
When local altimeter setting not received, use Cincinnati/Northern Kentucky Intl altimeter setting and increase all MDA 100 feet; increase S-21L Cats C/D visibility 1/2 mile. KEELY OM Minimums S-21L Cat B visibility 1/4 mile and Cats C/D visibility 1/2 mile. Circling Cats B/C visibility 1/4 mile. Circling to rwy 3L and 7 NA at night. Visibility reduction by helicopters NA. For inoperative MALSR, increase S-21L Cat A visibility to 1 1/4, Cat B to 1 1/2. KEELY OM Minimums: For inoperative MALSR increase Cat A/B visibility to 1 1/4. Inoperative table does not apply to S-21L Cats C and D when using Cincinnati/Northern Kentucky Intl altimeter setting. For inoperative MALSR when using Cincinnati/Northern Kentucky Intl altimeter setting, increase S-21L Cat A visibility to 1 1/4, Cat B to 1 1/2. KEELY OM Minimums: increase S-21L Cat A visibility to 1 1/4. Cat B to 1 1/2. When VGSI INOP, circling rwy 25 NA at night.

MALSR

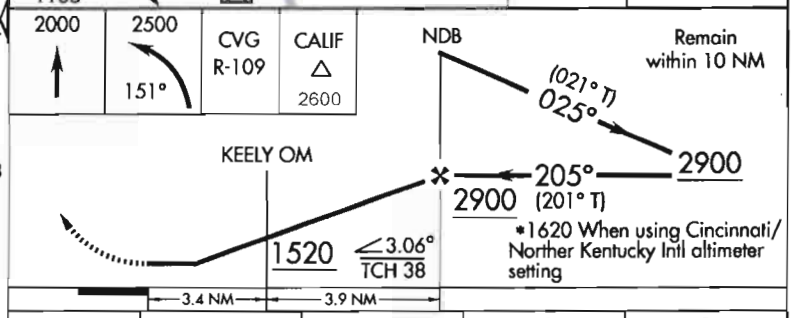
MISSED APPROACH: Climb to 2000 then climbing left turn to 2500 on heading 151° and on CVG VORTAC R-109 to CALIF INT and hold, continue climb-in-hold to 2600

ATIS	CINCINNATI APP CON	LUNKEN TOWER *	GND CON	CLNC DEL	CINCINNATI CLNC DEL	UNICOM
120.25	121.0 257.725	118.7 (CTAF) 257.8	121.9	121.9	124.9 (when tower closed)	122.95

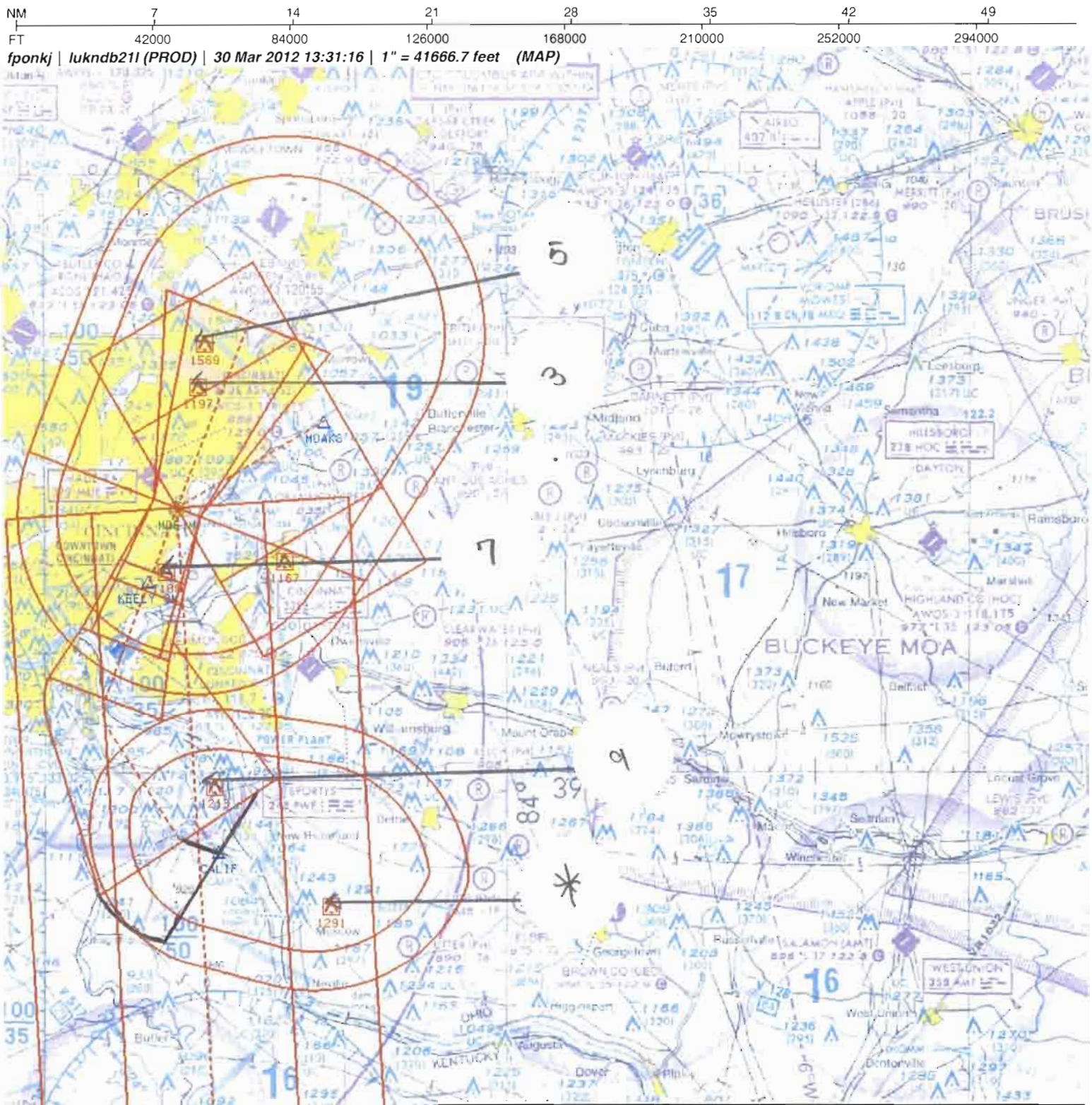




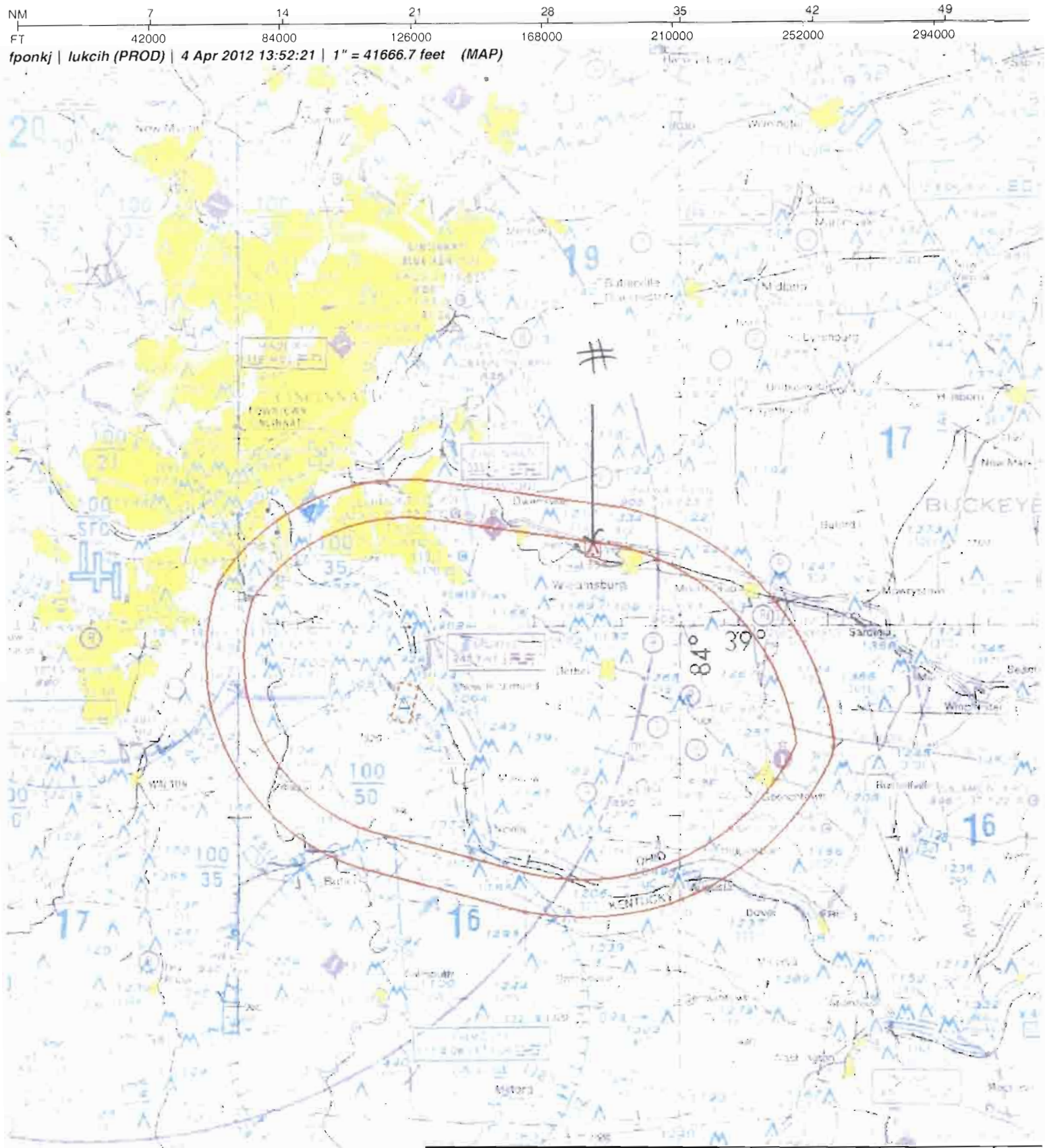
FAF to MAP 7.3 NM					
Knots	60	90	120	150	180
Min: Sec	7:18	4:52	3:39	2:55	2:26



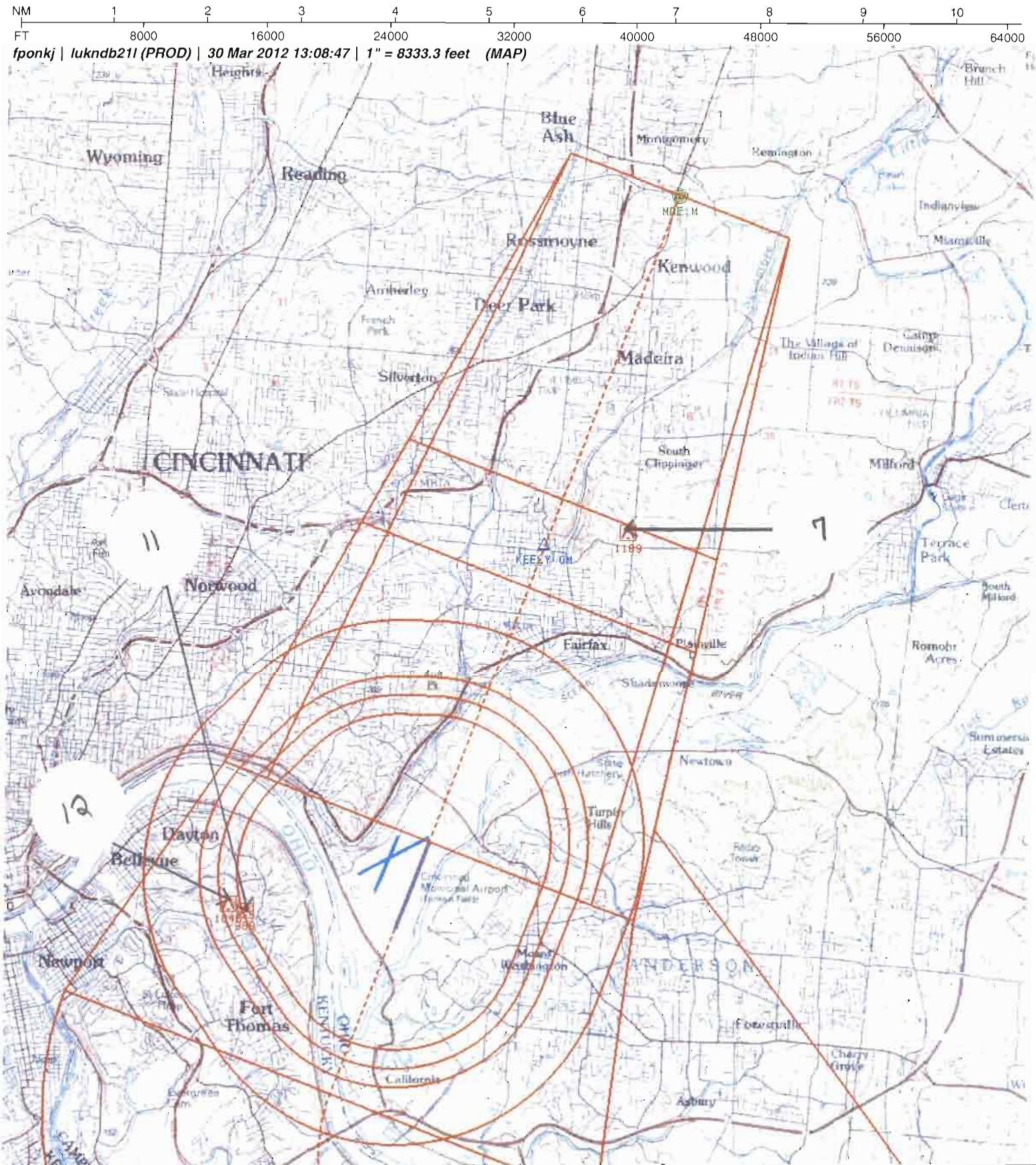
CATEGORY	A	B	C	D
S-21L	1520/55 1045 (1100-1¼)	1520/60 1045 (1100-1¼)	1520-2½	1045 (1100-2½)
CIRCLING	1520-1¼ 1037 (1100-1¼)	1520-1½ 1037 (1100-1½)	1520-3	1037 (1100-3)
KEELY OM MINIMUMS				
S-21L	1420/55	945 (1000-1¼)	1420-2	945 (1000-2)
CIRCLING	1420-1¼	937 (1000-1¼)	1420-2¾ 937 (1000-2¾)	1420-3 937 (1000-3)



Airport ID:	KLUK	FM 9			
Apt Name:	CINCINNATI MUNI AIRPORT LUNKEN FIELD	No	SEGMENT	OBSTRUCTION	ELEV
City:	CINCINNATI	1	FEEDER	TOWER	1244
State:	OH	3	FEEDER	TOWER	1197
Scale:	1:500,000	5	INTERMEDIATE: PT	TOWER	1569
ProcID:	NDB RWY 21L	7	FINAL	AAO	1109
Amdt.	17	7	FINAL: STEPDOWN	AAO	1109
		5	PROCEDURE TURN	TOWER	1569
		9	MISSED	TOWER	1213
		*	HOLDING	TOWER	1291



Airport ID:	KLUK	FM 9			
Apt Name:	CINCINNATI MUNI AIRPORT LUNKEN FIELD	No	SEGMENT	OBSTRUCTION	ELEV
City:	CINCINNATI	#	CLIMB-IN-HOLD	TOWER	1334
State:	OH				
Scale:	1:500,000				
ProcID:	CLIMB-IN-HOLD EVLUATION				
Amdt.					



Airport ID:	KLUK	FM 9			
Apt Name:	CINCINNATI MUNI AIRPORT LUNKEN FIELD	No	SEGMENT	OBSTRUCTION	ELEV
City:	CINCINNATI	7	FINAL	AAO	1109
State:	OH	7	FINAL: STEPDOWN	AAO	1109
Scale:	1:100,000	11	CIRCLE A	TREE	989
ProcID:	NDB RWY 21L	12	CIRCLE B/C/D	TANK	1046
Amdt	17				

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICE - TITLE 14 CFR PART 97.27

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	000.53 / 34.43	2900
MOAKS INT	MDE NDB	243.64 / 8.61	2900

MISSED APPROACH

MAP: 7.34 MILES AFTER MDE NDB

CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 151 AND ON CVG VORTAC R-109 TO CALIF INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 288.87 INBOUND.
FAS OBST: 1109 AAO 390943N/0842200W
MDE NDB TO RW21L: 3.06/38.

1. PT R SIDE OF COURSE 025.02 OUTBOUND 2900 FT WITHIN 10 MILES OF MDE NDB (IAF)
2.
3. FAC 205.02 FAF MDE NDB DIST FAF TO MAP 7.34 THLD 7.34
4. MIN. ALT MDE NDB 2900, KEELY OM 1520*
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 @

CATEGORY =====>	A			B			C			D			E		
	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA	MDA	VIS	HAT/HAA
S-21L	1520	5500	1045	1520	6000	1045	1520	2 1/2	1045	1520	2 1/2	1045			
CIRCLING	1520	1 1/4	1037	1520	1 1/2	1037	1520	3	1037	1520	3	1037			
KEELY OM MINIMUMS															
S-21L	1420	5500	945	1420	5500	945	1420	2	945	1420	2	945			
CIRCLING	1420	1 1/4	937	1420	1 1/4	937	1420	2 3/4	937	1420	3	937			

NOTES:

CHART NOTE: CIRCLING TO RWY 3L AND 7 NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE S-21L CAT A VISIBILITY TO 1 1/4, CAT B TO 1 1/2.
CHART NOTE: KEELY OM MINIMUMS: FOR INOPERATIVE MALSR INCREASE CAT A/B VISIBILITY TO 1 1/4 MILE.
(SEE FORM 8260-10)

@ CAT A, B 1100-2, CAT C, D 1100-3
@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
@ NA WHEN CONTROL TOWER CLOSED.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 483 THRE: 475 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	MDE	NDB RWY 21L, AMDT 17	AMDT 16
				DATE 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] **CVG ATCT, LUK ATCT, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
JILL OLSON (NICHOLAS K. JACKSON)	**AJV-353**	**03/30/2012**

APPROVED BY

NAME:	FIFO	DATE:
LARRY H STROUT MANAGER	**AJV-353**	

CHANGES:

1. MISSED APPROACH INSTRUCTION CHANGED FROM "CLIMB TO 2000 VIA HEADING 205 THEN CLIMBING LEFT TURN TO 2600 VIA HEADING 150 AND VIA CVG VORTAC R-109 TO CALIF INT AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 2500 ON HEADING 151 AND ON CVG VORTAC R-109 TO CALIF INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2600.
2. S-21L MDA/HATH LOWERED FROM 1600/1125 TO 1520/1045 AND CIRCLING MDA/HAA LOWERED FROM 1600/1117 TO 1520/1037. S-21L CAT VISIBILITY LOWERED FROM RVR 6000 TO RVR 5500 AND CAT D LOWERED FROM 2 3/4 TO 2 1/2.
3. KEELY OM MINIMUMS S-21L MDA/HATH RAISED FROM 1240/765 TO 1420/945 AND CIRCLING MDA/HAA RAISED FROM (CAT A) 1300/817, CATS B/C/D 1360/877 TO 1420/937, S-21L CATS A/B VISIBILITY RAISED FROM RVR 4000 TO RVR 5500, CAT C VISIBILITY RAISED FROM 1 3/4 TO 2, AND CAT D LOWERED FROM 2 1/4 TO 2. CIRCLING CAT A VISIBILITY RAISED FROM 1 TO 1 1/4, CAT C VISIBILITY FROM 2 1/2 TO 2 3/4, AND CAT D VISIBILITY FROM 2 3/4 TO 3.
4. UPDATED INOP NOTES.

REASONS:

1. VIA VS. ON IAW E-MAIL DATED 02/23/2010 AND CONTINUE CLIMB-IN-HOLD PER FPT REQUEST.
2, 3. NEW CONTROLLING OBSTACLE INFORMATION, WITHOUT ACCURACY CODE ADJUSTMENTS AND VISIBILITIES DERIVED IAW 8260.3B CHNG 20 TABLE 3-5A.
4. IAW 8260.19D PARA 854(M)3.

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

NDB STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - - TITLE 14 CFR PART 97.27

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):

CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-21L CATS C AND D WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING, INCREASE S-21L CAT A VISIBILITY TO 1 1/4, CAT B TO 1 1/2 MILE. KEELY OM MINIMUMS: INCREASE S-21L CAT A VISIBILITY TO 1 1/4, CAT B TO 1 1/2 MILE.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING AND INCREASE ALL MDA 100 FEET; INCREASE S-21L CATS C/D VISIBLITY 1/2 MILE, KEELY OM MINIMUMS S-21L CAT B VISIBILITY 1/4 MILE AND CATS C/D VISIBILITY 1/2 MILE, CIRCLING CATS B/C VISIBILITY 1/4 MILE.

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 25 NA AT NIGHT.

***1620 WHEN USING CINCINNATI/NORTHERN KENTUCKY INTL ALTIMETER SETTING**

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 483 THRE: 475 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	MDE	NDB RWY 21L, AMDT 17	AMDT: 16
				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	1. TOWER (21-000575)	383918.98N/0841311.16W	1244 (3C)	1000	AT656	2900
			2. TERRAIN	383918.98N/0841311.16W	946 (900)		AS1500	2400
FEEDER	MOAKS INT	MDE NDB	3. TOWER (39-003255)	391900.00N/0841958.00W	1197 (4D)	1000	AT703	2900
			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	AT831	2900
			6. TERRAIN	391857.00N/0842130.00W	962 (1000)		AS1500	2500
FINAL	MDE NDB	KEELY OM	7. AAO	390942.77N/0842200.39W	1109 (2C)	300	DG40 XL67	1520
FINAL: STEPDOWN	KEELY OM	7.34 MILES AFTER MDE NDB	7. AAO	390942.77N/0842200.39W	1109 (2C)	300		1420
2. PROCEDURE TURN	MDE NDB	10 NM	5. TOWER (39-000020)	392111.00N/0841931.00W	1569 (3C)	1000	AT331	2900
			8. TERRAIN	392743.00N/0840842.00W	1010 (1000)		AS1500	2500
3. MISSED APPROACH MAP:	7.34 MILES AFTER MDE NDB	CALIF INT				ASC		2600
3. MISSED APPROACH ELEV:	1120		9. TOWER (21-001796)	385854.00N/0841854.00W	1213 (2C)	1000		2300
			10. TERRAIN	385423.70N/0842142.00W	920 (900)		AS1500	2400

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL		11. TREE	390540.00N/0842713.00W	989 (2C)	300	SI / SI	1520 / 1420
CATEGORY A	1.3 NM	350	1037 / 937		12. TANK (21-000139)	390545.00N/0842727.00W	1046 (1A)	300	SI / SI	1520 / 1420
CATEGORY B	1.5 NM	450	1037 / 937		12. TANK (21-000139)	390545.00N/0842727.00W	1046 (1A)	300	SI / SI	1520 / 1420
CATEGORY C	1.7 NM	450	1037 / 937		12. TANK (21-000139)	390545.00N/0842727.00W	1046 (1A)	300	SI / SI	1520 / 1420
CATEGORY D	2.3 NM	550	1037 / 937							
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 2 CHECKED

CITY AND STATE	ELEVATION: 483 AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
CINCINNATI, OH	CINCINNATI MUNI AIRPORT LUNKEN FIELD	MDE NDB	NDB RWY 21L, AMDT 17	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
CVG APP CON LUK TOWER	N W S	OTHER: ASOS	SOURCE: KLUK / KCVG
	F A A		DISTANCE: 0 / 12.09
SATISFACTORY ON:	A / C		HOURS REMOTE OPERATION: 24 / 24
X V H F X U H F H F	LOCATION: KLUK		ADJUSTMENT: 0 / 86

4. MONITOR STATUS	PRIMARY NAVAID: MDE NDB		
	MONITOR POINT: LUK ATCT		
	HRS OPTN:	CAT 1	TWR OPEN
		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:	ELEV RWY THRESHOLD:
	DISTANCE FROM RWY:	ELEV GP ANTENNA:
		THRESHOLD CROSSING HEIGHT:

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: 03/30/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - FACILITY DOESN'T HAVE DME.

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 ANT 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-0842713.00 (104.18)
R25 519 TREE (KLUK0050) 390635.55N-0842430.92W (5.98)

34:1 PENETRATIONS:
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)

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 (US)
EN ROUTE	V128	1, 2				
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: 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:

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	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:

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	DIST FROM FAC 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	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES 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)

ALITY 2 KED

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: **NDB RWY 21L** AMDT: **17**

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 **4.01**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **3.06**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **201.02**
4. High Terrain in **FINAL** segment containing 1000' point **909**
5. Distance from **THLD** to 1500' point **6.34**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **2.67**
7. True Course of **FINAL** segment containing 1500' point **201.02**
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.