Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 08/11/2010	Task #: 2010081126494901003	Request #: 20100811264949
Procedure: RNAV (GPS) RWY 36 AMDT 1		Airport ID: KI39	Airport: MADISON		Reimbursable #:
City: RICHMOND	**ST:** KY	GPS #:		Estimated Chart Date: 11/15/2012	FICO #:
Fac ID: I39	**Fac. Type:** LPV Proc-S	Specialist: ERIC VALDEZ	P1		

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	05/10/2012	07/24/2012	MARLON ROBINSON	LPV
QA:	07/24/2012	07/26/2012	CASIMIR TABAKA	
Liaison:	07/26/2012		K. Spurlin	P1;

Procedure Comments:

Remark Type: INFORMATION PKG 3 of 3

RICHMOND, KY MADISON (KI39) RNAV (GPS) RWY 36, AMDT 1 ENROUTE-NO FC BY 10/2/12 PUB 11/15/12

ATTACHED FORMS: 8260-3, 8260-9. 8260-10
8260-2 (5): ANETT REV 5, BRIGY REV 3, CICJO REV2, EBTAC REV 1, JUMOP REV 1, QEFFO REV 1.

CONTACT: DON SMITH/MARLON ROBINSON-AJV-352 LEADS, 405.954.1036/405.954.3636.

NEW

RICHMOND, KENTUCKY

WAAS	APP CRS	Rwy Idg	4404
CH 40218	360°	THRE	1003
W36A		Apt Elev	1003

RNAV (GPS) RWY 36

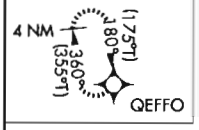
RICHMOND/MADISON (I39)

DME/DME RNP-0.3 NA. Visibility reduction by helicopters NA. When local altimeter setting not received use Lexington altimeter setting and increase all DA 67 feet and all MDA 80 feet; increase LPV all Cats, and LNAV/VNAV all Cats visibility ¼ mile: LNAV Cat C and D ½ mile. For uncompensated Baro-VNAV systems LNAV/VNAV NA below -16°C (4°F) or above 54°C (130°F)
VDP and Baro-VNAV NA when using Lexington altimeter setting.

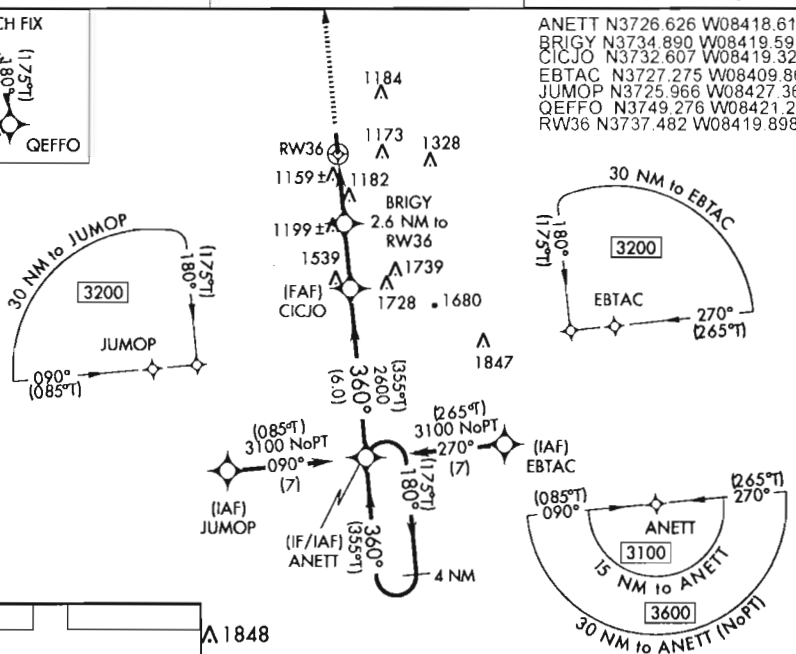
MISSED APPROACH: Climb to 3100 direct QEFFO and hold.

AWOS-3	LEXINGTON APP CON	UNICOM
119.625	120.15 259.3	122.8 (CTAF)

MISSED APCH FIX

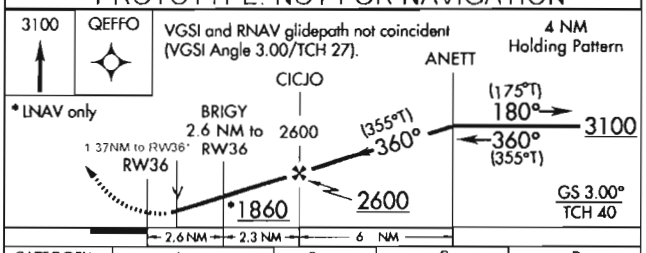


ANETT N3726.626 W08418.616
BRIGY N3734.890 W08419.591
CICJO N3732.607 W08419.321
EBTAC N3727.275 W08409.863
JUMOP N3725.966 W08427.367
QEFFO N3749.276 W08421.298
RW36 N3737.482 W08419.898



1848

PROTOTYPE: NOT FOR NAVIGATION



CATEGORY	A	B	C	D
LPV DA	1264-⅞ 261 (300-1)			
LNAV/VNAV DA	1278-⅞ 275 (300-1)			
LNAV MDA	1460-1 457 (500-1)		1460-1⅞ 458 (500-1⅞)	1460-1⅞ 458 (500-1⅞)
CIRCLING	1480-1 457 (500-1)	1520-1 517 (500-1)	1520-1½ 517 (500-1½)	1560-2 557 (600-2)

RICHMOND, KENTUCKY

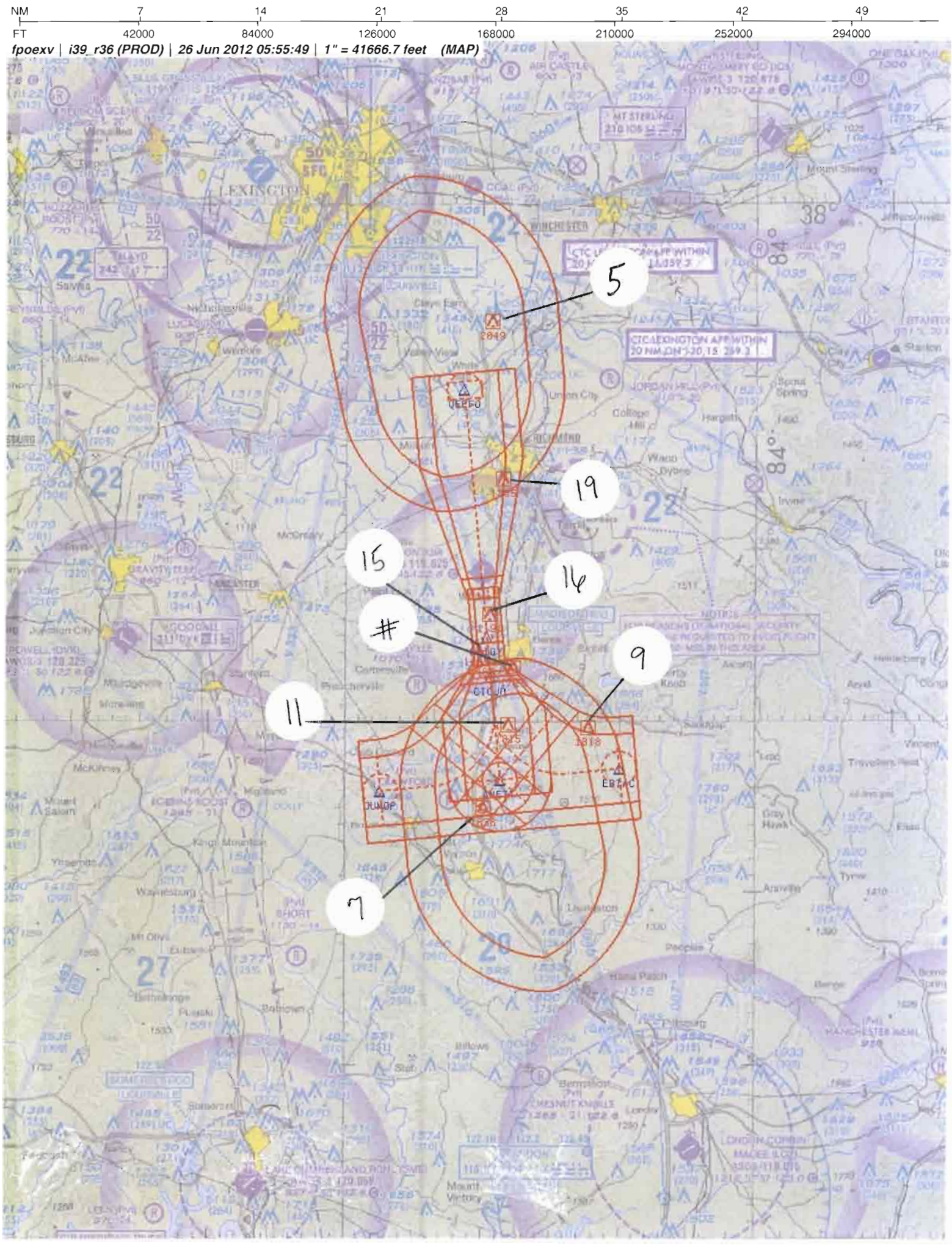
37°38'N-84°20'W

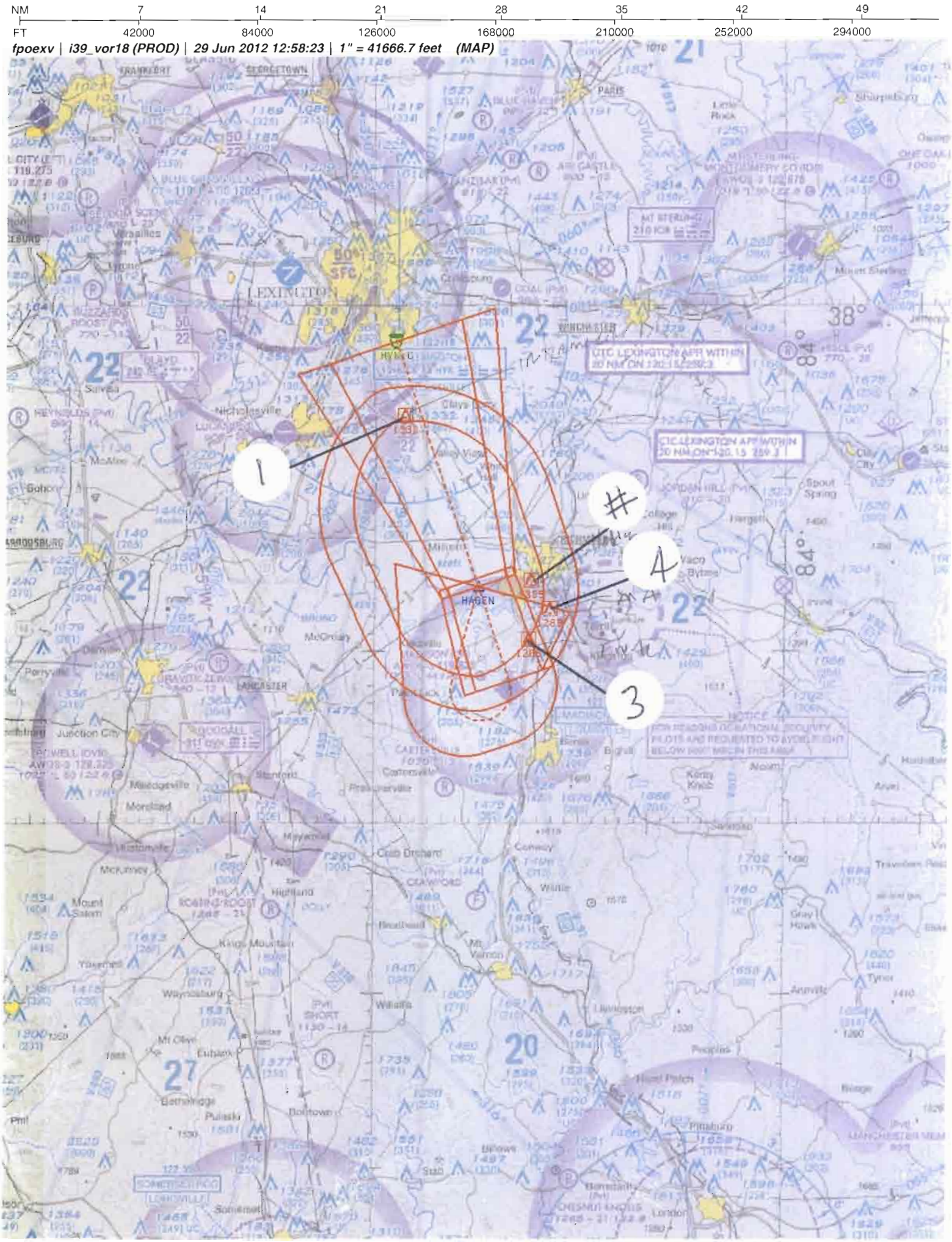
RICHMOND/MADISON (I39)

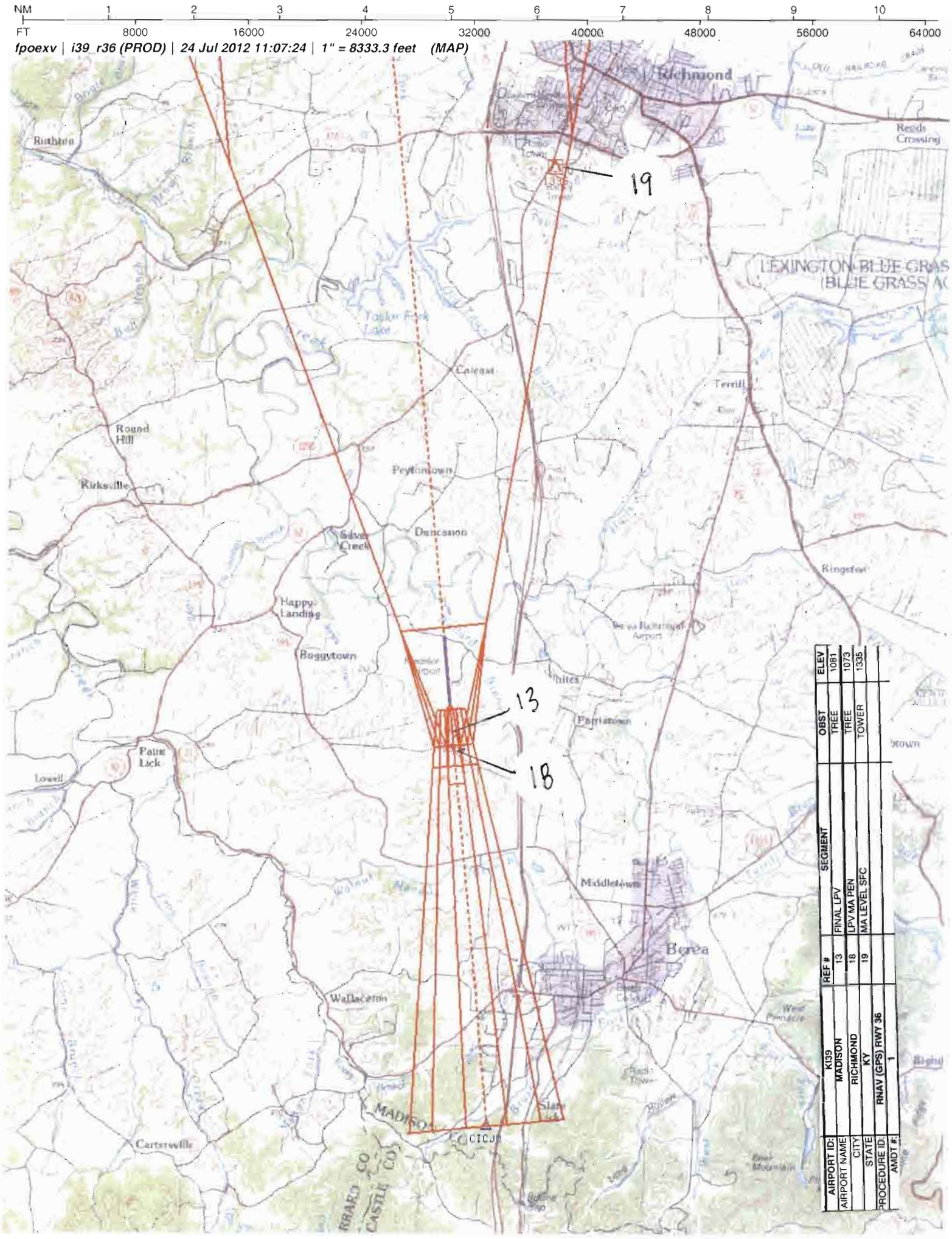
RNAV (GPS) RWY 36

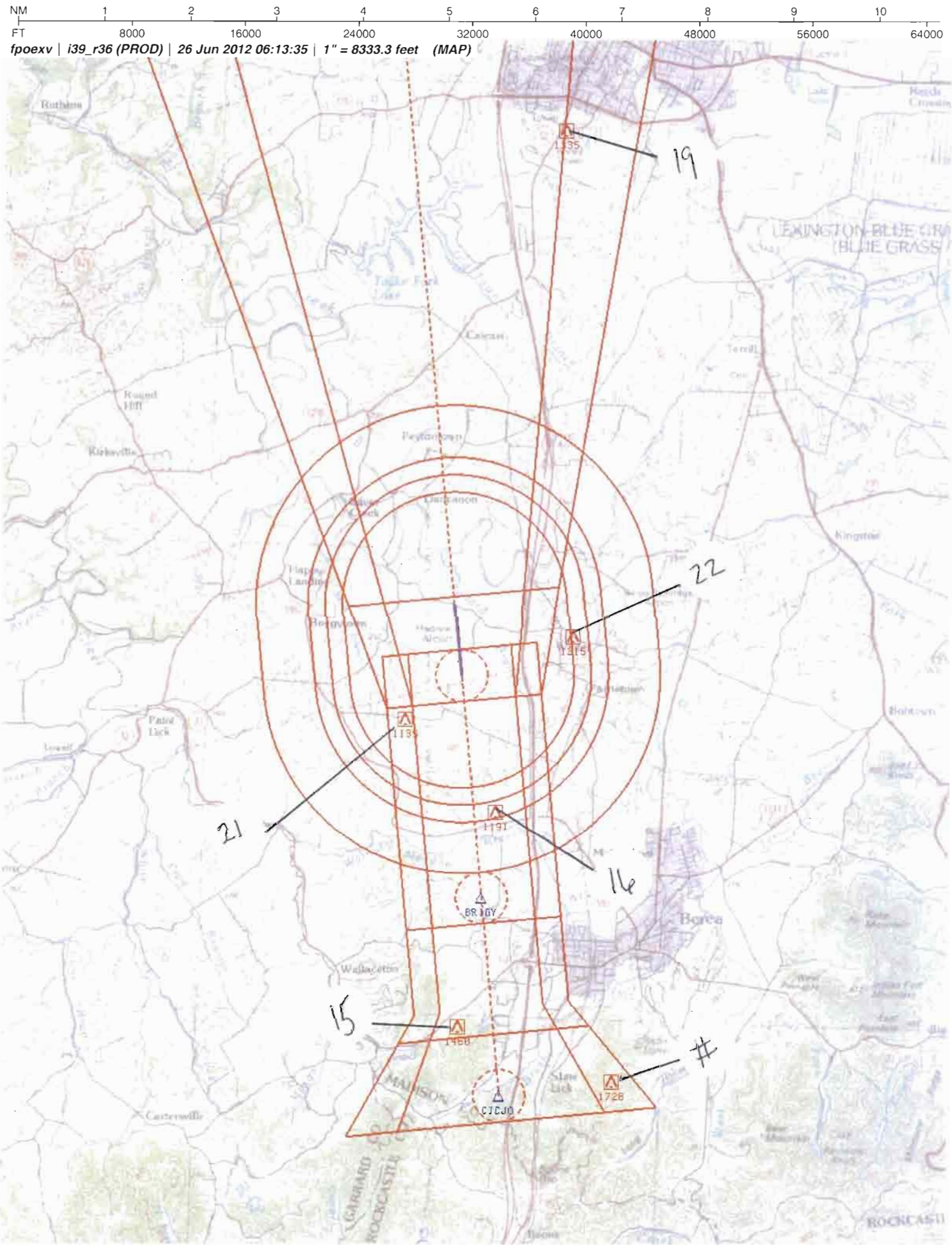
AMDT 1

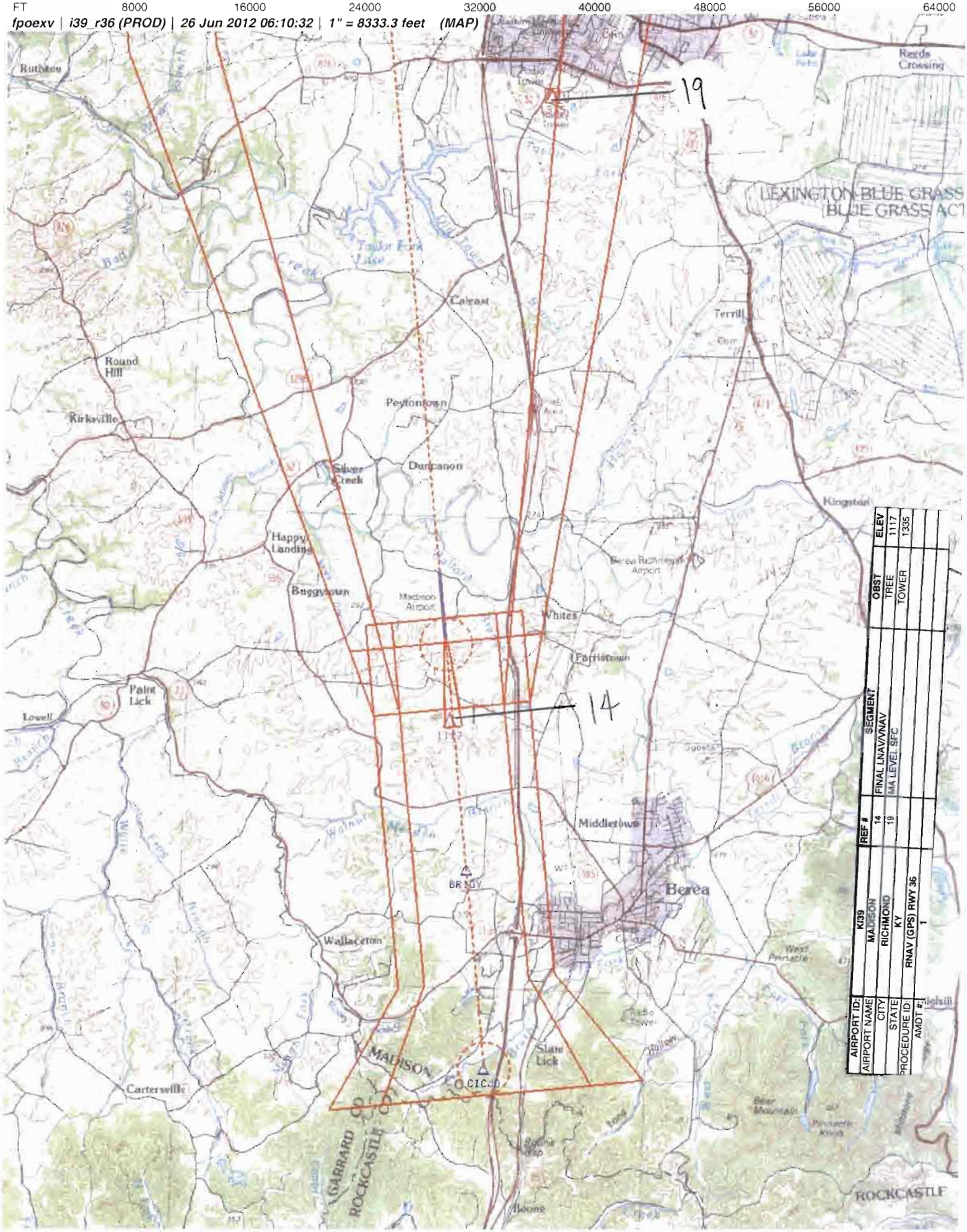
FIG


NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpoexv | i39_r36 (PROD) | 26 Jun 2012 05:55:49 | 1" = 41666.7 feet (MAP)
5
19
15
16
#
9
11
7
LEXINGTON
JEFFO
JUNOP
EBTAC


NM 7 14 21 28 35 42 49
FT 42000 84000 126000 168000 210000 252000 294000
fpoexv | i39_vor18 (PROD) | 29 Jun 2012 12:58:23 | 1" = 41666.7 feet (MAP)
LEXINGTON
HAGEN
1
#
4
3


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpoexv | i39_r36 (PROD) | 24 Jul 2012 11:07:24 | 1" = 8333.3 feet (MAP)
Richmond
Reeds Crossing
Ruthton
LEXINGTON BLUE GRAS
(BLUE GRASS A
Taylor Fork Lake
Round Hill
Kirksville
Peytontown
Duncannon
Silver Creek
Happy Landing
Buggytown
Kingston
Terrill
Paint Lick
Lowell
Middletown
Berea
Wallacetown
Cartersville
MADISON CO
CASTLE CO
19
13
18
AIRPORT ID: K139
AIRPORT NAME: MADISON
CITY: RICHMOND
STATE: KY
PROCEDURE ID: RNAV (GPS) RWY 36
AMDT #: 1
REF # | SEGMENT | OBST | ELEV
13 | FINAL LPV | TREE | 1081
18 | LPV MA PEN | TREE | 1073
19 | MA LEVEL SFC | TOWER | 1335


NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpoexv | i39_r36 (PROD) | 26 Jun 2012 06:13:35 | 1" = 8333.3 feet (MAP)
19
22
21
16
15
#
1335
1315
1139
1191
BRIGY
1468
1728
CICJO
Berea
Wallacetown
Paint Lick
Kirksville
Round Hill
Calcast
Peytontown
Kingston
Bobtown
Carterville
MADISON
GARRARD
ROCKCASTLE
LEXINGTON-BLUE GRA
(BLUE GRASS)

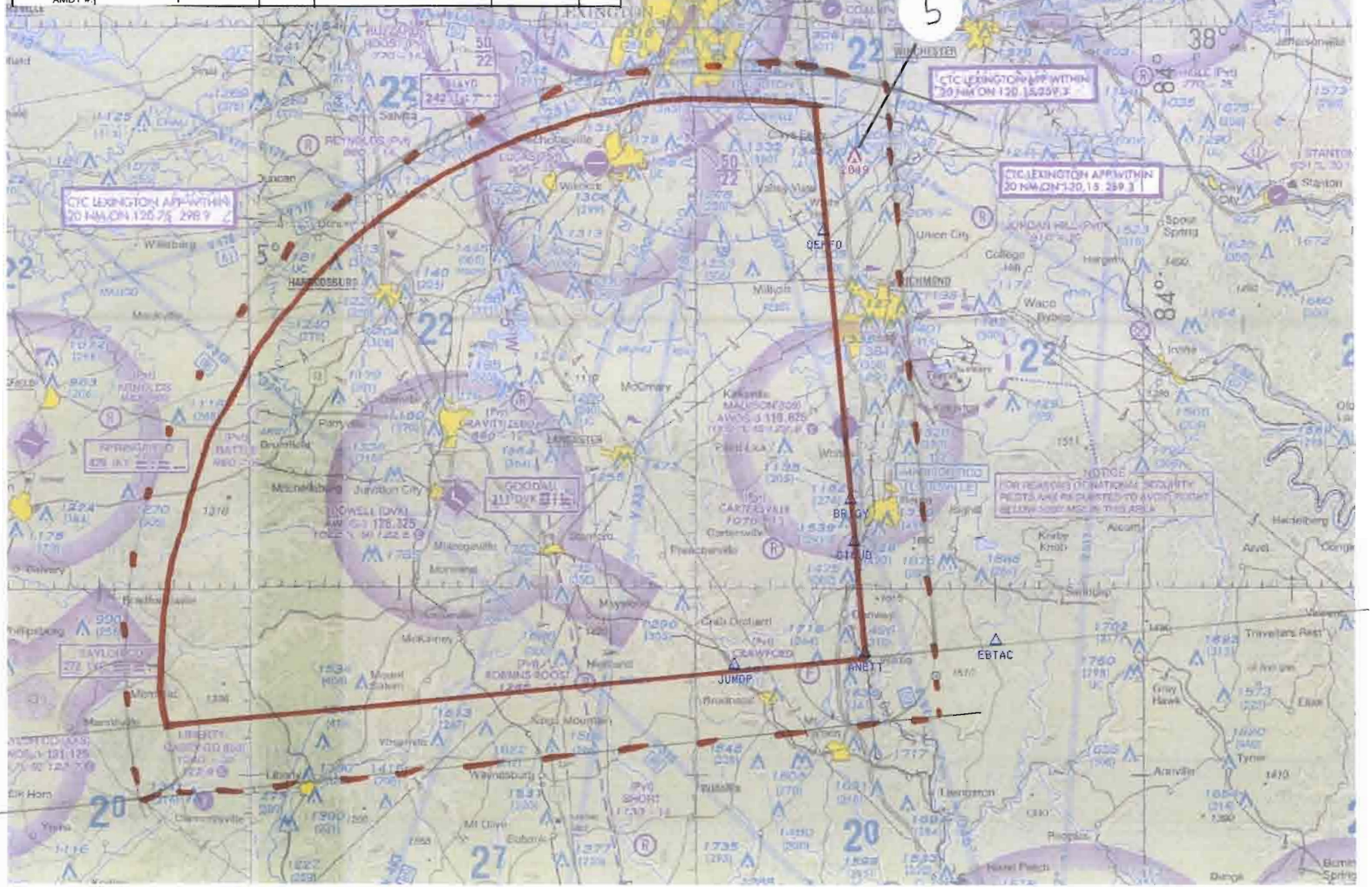

NM 1 2 3 4 5 6 7 8 9 10
FT 8000 16000 24000 32000 40000 48000 56000 64000
fpoexv | i39_r36 (PROD) | 26 Jun 2012 06:10:32 | 1" = 8333.3 feet (MAP)
19
14
LEXINGTON-BLUE GRASS
BLUE GRASS ACT
Ruthaven
Reeds Crossing
Calvast
Terrill
Round Hill
Kirksville
Peytontown
Silver Creek
Duncanon
Kingston
Happy Landing
Buggytown
Madison Airport
Whites
Farristown
Paint Lick
Lowell
Middletown
Berea
BRODY
Wallaceton
Slate Lick
MADISON CO
GARRARD CO
ROCKCASTLE CO
Carterswille
Boone
ROCKCASTLE
AIRPORT ID: KI39
AIRPORT NAME: MADISON
CITY: RICHMOND
STATE: KY
PROCEDURE ID: RNAV (GPS) RWY 36
AMDT #: 1
REF #
14 FINAL LNAV/VNAV
19 MA LEVEL SFC
SEGMENT
OBST
TREE
TOWER
ELEV
1117
1335

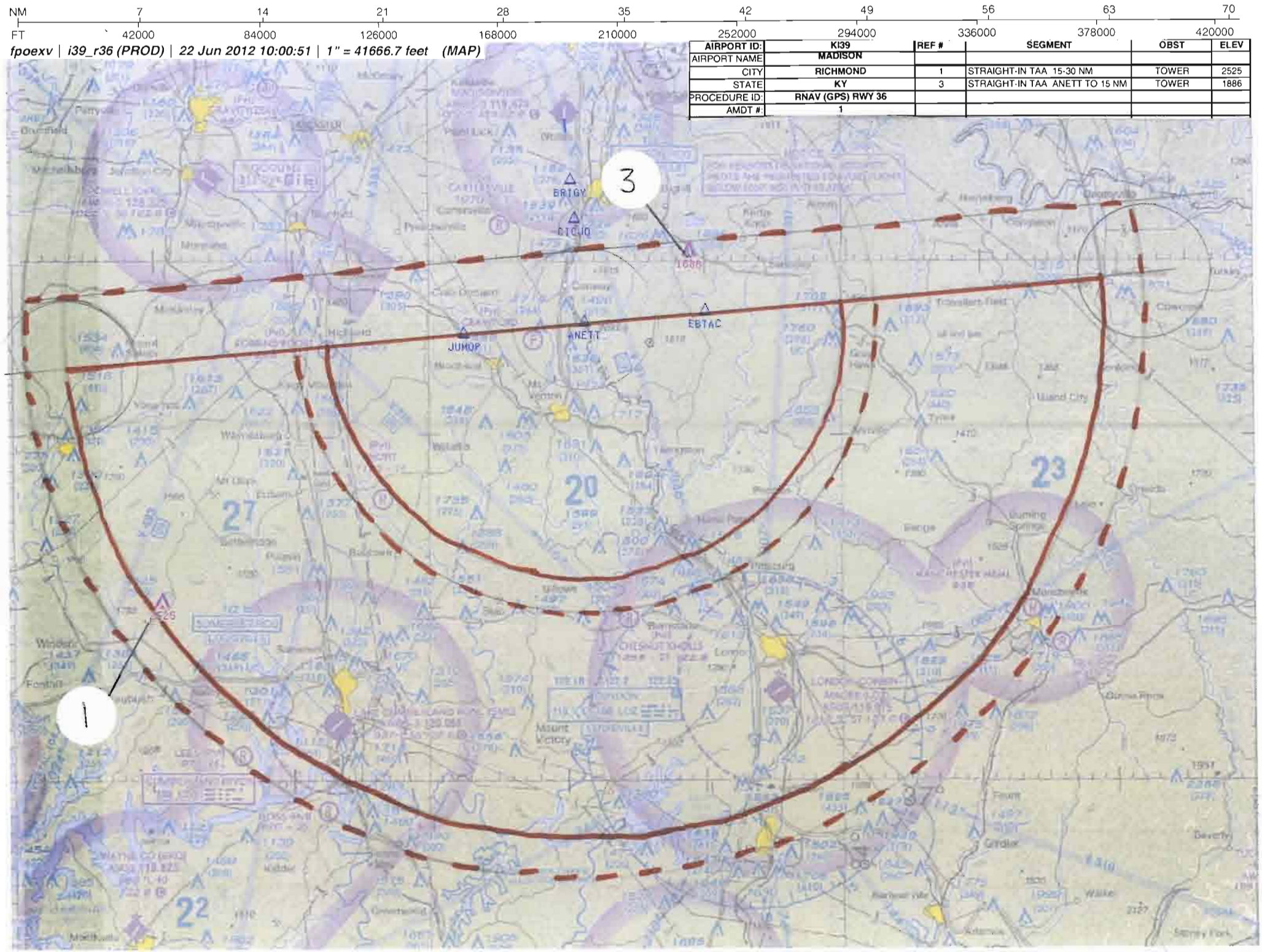
NM 7 14 21 28 35 42 49 56 63 70

FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000

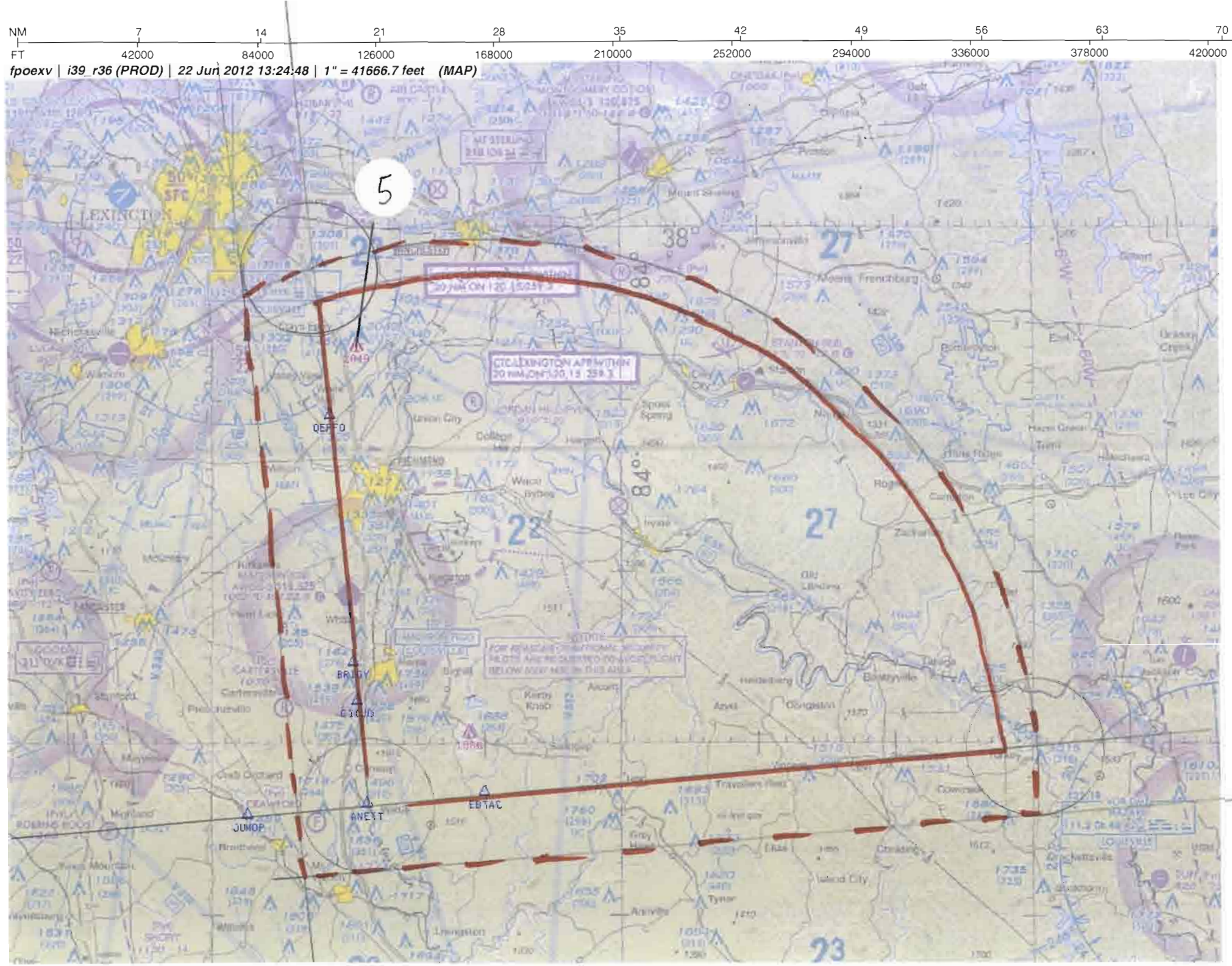
fpoexv | i39_r36 (PROD) | 25 Jun 2012 08:01:07 | 1" = 41666.7 feet (MAP)

AIRPORT ID:	KI39	REF #	SEGMENT	OBST	ELEV
AIRPORT NAME	MADISON	5	LEFT BASE	TOWER	2049
CITY	RICHMOND				
STATE	KY				
PROCEDURE ID:	RNAV (GPS) RWY 36				
AMDT #:	1				





AIRPORT ID:	KI39	REF #	SEGMENT	OBST	ELEV
AIRPORT NAME	MADISON				
CITY	RICHMOND	1	STRAIGHT-IN TAA 15-30 NM	TOWER	2525
STATE	KY	3	STRAIGHT-IN TAA ANETT TO 15 NM	TOWER	1886
PROCEDURE ID:	RNAV (GPS) RWY 36				
AMDT #:	1				


NM 7 14 21 28 35 42 49 56 63 70
FT 42000 84000 126000 168000 210000 252000 294000 336000 378000 420000
fpoexv | i39_r36 (PROD) | 22 Jun 2012 13:24:48 | 1" = 41666.7 feet (MAP)
5
LEXINGTON
QEPFO
BRIGY
GIOUD
ANETT
EBTAC
JUMOP
38°
84°
27
22
23

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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
JUMOP (IAF)	ANETT (NOPT) (FB)	089.55 / 7.00	3100
EBTAC (IAF)	ANETT (NOPT) (FB)	269.73 / 7.00	3100
ANETT (IF/IAF)	CICJO (FB)	359.64 / 6.00	2600
CICJO (FAF)	BRIGY/2.60 NM TO RW36 (FB)	359.63 / 2.29	
BRIGY/2.60 NM TO RW36	RW36 (MAP) (FO)	359.62 / 2.60	
RW36 (MAP)	1264 MSL	359.62	
1264 MSL	QEFFO (FO)		3100

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW36

CLIMB TO 3100 DIRECT QEFFO AND HOLD.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD S ANETT, RT, 359.64 INBOUND, 3100 FT. IN LIEU OF PT (IAF)
3. FAC: 359.63 FAF: CICJO DIST FAF TO MAP: 4.89 THLD: 4.89
4. MIN. ALT: ANETT 3100, CICJO 2600, BRIGY/2.60 NM TO RW36 1860*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2600 GS ALT AT: CICJO 2600 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM:

ADDITIONAL FLIGHT DATA:
HOLD N, RT, 179.61 INBOUND.
CHART FAS OBST: 1191 COMMUNICATION TWR 373549N/0841923W
CHART: 1728 TOWER 373241N/0841741W
DISTANCE TO THLD FROM 261 HATH: 0.69 NM.
CHART VDP AT 1.35 MILES TO RW36*
*LNAV ONLY.
WAAS CHANNEL # 40218
REFERENCE PATH ID: W36A
LTP HAE: 273.8 M

MAG VAR: 5W EPOCH YEAR: 2010

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A | X |

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
LPV DA	1264	7/8	261	1264	7/8	261	1264	7/8	261	1264	7/8	261			
LNAV/VNAV DA	1278	7/8	275	1278	7/8	275	1278	7/8	275	1278	7/8	275			
LNAV MDA	1460	1	457	1460	1	457	1460	1 3/8	457	1460	1 3/8	457			
CIRCLING	1460	1	457	1520	1	517	1520	1 1/2	517	1560	2	557			

NOTES:
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE LEXINGTION ALTIMETER SETTING AND INCREASE ALL DA 67 FEET AND ALL MDA 80 FEET; INCREASE LPV ALL CATS AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE; LNAV CATS C AND D 1/8 MILE.
(SEE FORM 8260-10)

QUALITY 5 CHECKED

CITY AND STATE	ELEVATION: 1003 THRE: 1003 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
RICHMOND, KY	MADISON	RNAV	RNAV (GPS) RWY 36, AMDT 1	AMDT: ORIG
				DATED 07/29/2010

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] **ZID, LEX APP CON, AMGR**

FLIGHT CHECKED BY

NAME:	FIFO	DATE:

DEVELOPED BY

NAME:	FIFO	DATE:
ERIC VALDEZ	**AJV-352**	**07/24/2012**

APPROVED BY

NAME:		FIFO	DATE:
DARRYEL ADAMS	**MANAGER**	**AJV-352**	

CHANGES:

1. CHANGED STRAIGHT-IN TAA STEPDOWN FROM 19NM TO 15NM.
2. CHANGED TERMINAL ROUTE INITIAL SEGMENT JUMOP TO ANETT COURSE/DISTANCE FROM 089.59/5.00 TO 089.55/7.00.
3. CHANGED TERMINAL ROUTE INITIAL SEGMENT EBTAC TO ANETT COURSE/DISTANCE FROM 269.71/5.00 TO 269.73/7.00.
4. CHANGED TERMINAL ROUTE INTERMEDIATE SEGMENT COURSE/DISTANCE FROM 359.65/6.07 TO 359.64/6.00.
5. CHANGED DIST FAF TO MAP/THLD FROM 4.83 TO 4.89.
6. CHANGED DIST TO : FROM 266 HAT/0.77 NM TO 261 HATH/0.69 NM.
7. ADDED VDP.
8. CHANGED ALTIMETER NOTE FROM" INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, AND LNAV CAT C AND D VISIBILITY 1/4 MILE" TO "INCREASE LPV ALL CATS AND LNAV/VNAV ALL CATS VISIBILITY1/4 MILE; LNAV CATS CAND D 1/8 MILE."
9. CHANGED LPV DA/VIS/HAT FROM 1288/1/286 TO 1264/7/8/ 261.
10. CHANGED LNAV/VNAV DA/VIS /HAT FROM 1470/1 3/4/500 TO 1278/7/8/275.
11. CHANGED LNAV HAT FROM 458 TO 457.
12. CHANGED LNAV CATS C AND D VIS FROM 1 3/4 TO 1 3/8.
13. CHANGED CIRC CAT MDA/HAA FROM 1480/478 TO 1460/457; CAT B AND C FROM 1480/478 TO 1520/517; CAT D HAA FROM 558 TO 557.
SEE 8260-10

REASONS:

1. REVISED CONTROLLING OBSTACLE.
2, 3. INITIALS SEGMENTS INCREASED FROM 5 TO 7NM.
4, 5, 6. PFAF MOVED, INCREASING FINAL LENGTH AND SHORTENING THE INTERMEDIATE SEGMENT.
7. 20:1 PENETRATIONS REMOVED.
8, 9, 10, 11, 12, 13. REVISED CONTROLLING OBSTACLES FOR LPV, LNAV/VNAV AND LNAV.
14. REVISED USING NEW AFS-400 CALCULATOR.
15. AVNIS RECORD UPDATED.

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NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
CHART NOTE: VDP AND BARO-VNAV NA WHEN USING LEXINGTON ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	270/30 CW 090/30 (NOPT)	270/15 CW 090/15	3600
2.	270/15 CW 090/15	ANETT (IF/IAF) (FB)	3100
3.	090/30 CW 180/30	JUMOP (IAF) (FB)	3200
4.	180/30 CW 270/30	EBTAC (IAF) (FB)	3200

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:

CHANGES CONT.
14. CHANGED NOTE FOR UNCOMPENSATED BARO/VNAV SYSTEMS LOW/HIGH TEMP FROM -17C(2F) /46C(114F) TO -16C(4F)/54C(130F). 15. FAS DATA CHANGE: LTP FROM 373728.9074N/0841953.8764W TO 373728.9063N/0841953.8748W; FPAP FROM 373857.72N/0842004.36W TO 373857.72N/0842004.39W; LENGTH OFFSET FROM 1376 TO 1224; FPAP ORTHOMETRIC HEIGHT FROM 305.4 TO 305.6; HEIGHT ABOVE ELLIPSOID FROM 273.6 TO 273.8.

REASONS:

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	I39
RUNWAY	RW36
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36A
LTP/FTP LATITUDE	373728.9060N
LTP/FTP LONGITUDE	0841953.8745W
LTP/FTP ELLIPSOIDAL HEIGHT	+02738
FPAP LATITUDE	373857.7200N
FPAP LONGITUDE	0842004.3900W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	595DA70A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03056
FPAP ORTHOMETRIC HEIGHT	+03056

CITY AND STATE	ELEVATION: 1003 THRE: 1003	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
RICHMOND, KY	AIRPORT NAME: MADISON	RNAV	RNAV (GPS) RWY 36, AMDT 1	AMDT: ORIG
				DATED: 07/29/2010

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

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:

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.

ARINC PACKET - 424-18 - RNAV (GPS)

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   ANETT K50    W     N37263757W084183697                    W0054     NAR           ANETT
        SUSAEAENRT   BRIGY K50    W     N37345341W084193547                    W0054     NAR           BRIGY
        SUSAEAENRT   CICJO K50    W     N37323642W084191928                    W0054     NAR           CICJO
        SUSAEAENRT   EBTAC K50    W     N37271652W084095180                    W0055     NAR           EBTAC
        SUSAEAENRT   JUMOP K50    W     N37255796W084272199                    W0053     NAR           JUMOP
        SUSAEAENRT   QEFFO K50    W     N37491657W084211787                    W0055     NAR           QEFFO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP I39 K5AI39     0     050YHN37375350W084195680W005001003         1800018000C    MNAR    MADISON

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP I39 K5FR36   AANETT 010ANETTK5EA0EE AR   HF                    35960040    + 03100     18000                A JS
        SUSAP I39 K5FR36   AEBTAC 010EBTACK5EA0E  A    IF                                        18000                A JS
        SUSAP I39 K5FR36   AEBTAC 020ANETTK5EA0EE B 010TF                     26970070    + 03100                          A JS
        SUSAP I39 K5FR36   AJUMOP 010JUMOPK5EA0E  A    IF                                        18000                A JS
        SUSAP I39 K5FR36   AJUMOP 020ANETTK5EA0EE B 010TF                     08960070    + 03100                          A JS
        SUSAP I39 K5FR36   R      010ANETTK5EA0E  I    IF                                  + 03100     18000                A JS
        SUSAP I39 K5FR36   R      020CICJOK5EA1E  F 051TF                     35960060    + 02600                          A JS
        SUSAP I39 K5FR36   R      020CICJOK5EA2WALPV       ALNAV/VNAV ALNAV                                                 JS
        SUSAP I39 K5FR36   R      021BRIGYK5EA0E S  031TF                     35960023    V 0186001871        -300         A JS
        SUSAP I39 K5FR36   R      030RW36 K5PG0GY M 031TF                     35960026      01043             -300         A JS
        SUSAP I39 K5FR36   R      040         0  M     CA                     3596        + 01264                          A JS
        SUSAP I39 K5FR36   R      050QEFFOK5EA0EY      DF                                  + 03100                          A JS
        SUSAP I39 K5FR36   R      060QEFFOK5EA0EE  R   HM                     17960040    + 03100                          A JS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP I39 K5GRW36    0050013596 N37372891W084195387-0700    +0273801003000040100R

                1         2         3         4         5         6         7         8         9         0         1         2         3
PP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP I39 K5PR36   RW36 001 0000W36A0N3737289060W08419538745+027380300N3738577200W084200439001067512240004000F400500595DA70A
        SUSAP I39 K5PR36   RW36 002E      +03056+03056LPV       40218
```

CITY AND STATE	ELEVATION: **1003** **THRE: 1003**	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RICHMOND, KY	AIRPORT NAME: **MADISON**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1**	AMDT: **ORIG**
				DATED: **07/29/2010**

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

COORDINATED WITH:

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

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

CHANGES:

REASONS:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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.

ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ANETT	ANETT	010	IAF	HF	R	FO		359.6(354.6T)	004.0	AA 03100	
	EBTAC	EBTAC	010	IAF	IF		FB					
	EBTAC	ANETT	020		TF		FB	1.0	269.7(264.7T)	007.0	AA 03100	
	JUMOP	JUMOP	010	IAF	IF		FB					
	JUMOP	ANETT	020		TF		FB	1.0	089.6(084.6T)	007.0	AA 03100	
		ANETT	010	FACF	IF		FB				AA 03100	
		CICJO	020	FAF	TF		FB	0.5	359.6(354.6T)	006.0	AA 02600	
		BRIGY	021	SDF	TF		FB	0.3	359.6(354.6T)	002.3	AA 01860 GS 01871	
		RW36	030	MAP	TF		FO	0.3	359.6(354.6T)	002.6	AT 01043	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		359.6(354.6T)		AA 01264	
		QEFFO	050		DF		FO				AA 03100	
		QEFFO	060		HM	R	FO		179.6(174.6T)	004.0	AA 03100	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ANETT	N372637.57	W0841836.97	N3726.626	W08418.616
	BRIGY	N373453.41	W0841935.47	N3734.890	W08419.591
	CICJO	N373236.42	W0841919.28	N3732.607	W08419.321
	EBTAC	N372716.52	W0840951.80	N3727.275	W08409.863
	JUMOP	N372557.96	W0842721.99	N3725.966	W08427.367
	QEFFO	N374916.57	W0842117.87	N3749.276	W08421.298
	RW36	N373728.91	W0841953.87	N3737.482	W08419.898

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36	01003	40

CITY AND STATE	ELEVATION: **1003** THRE: **1003** AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
RICHMOND, KY	**MADISON**	**RNAV**	**RNAV (GPS) RWY 36, AMDT 1**	AMDT: **ORIG**
				DATED: **07/29/2010**

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:	NFPG	DATE:
APPROVED BY		
NAME:	NFPG	DATE:

CHANGES:

REASONS:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
STRAIGHT-IN AREA	270/30 CW 090/30	270/15 CW 090/15	1. TOWER (21-000208)	371003.00N/0844930.00W	2525 (5E)	1000		3600
			2. TERRAIN	370913.90N/0845037.50W	1789 (1800)		AS1500	3300
STRAIGHT-IN AREA	270/15 CW 090/15	ANETT	3. TOWER (21-000315)	373017.84N/0841101.96W	1886 (5E)	1000	AT214	3100
			4. TERRAIN	372023.70N/0842259.20W	1527 (1500)		AS1500	3000
LEFT BASE AREA	090/30 CW 180/30	JUMOP	5. TOWER (21-002125)	375250.86N/0841915.94W	2049 (5D)	1000		3100
			6. TERRAIN	373206.80N/0841530.80W	1680 (1700)		AS1500	3200
RIGHT BASE AREA	180/30 CW 270/30	EBTAC	5. TOWER (21-002125)	375250.86N/0841915.94W	2049 (5D)	1000		3100
			6. TERRAIN	373206.80N/0841530.80W	1680 (1700)		AS1500	3200
INITIAL	JUMOP	ANETT	7. TOWER (21-001221)	372434.00N/0841948.00W	1836 (5E)	1000	AT264	3100
			8. TERRAIN	372434.00N/0841948.00W	1475 (1500)		AS1500	3000
INITIAL	EBTAC	ANETT	9. AAO	372915.00N/0841206.00W	1817 (4E)	1000		2900
			10. TERRAIN	372915.00N/0841206.00W	1617 (1600)		AS1500	3100
INTERMEDIATE	ANETT (IF/IAF)	CICJO	11. AAO	372925.00N/0841758.50W	1815 (6A)	500		2400
			12. TERRAIN	372925.00N/0841758.50W	1615 (1600)		AS1000	2600
2. HOLD-IN-LIEU-OF-PT	ANETT	P-5	7. TOWER (21-001221)	372434.00N/0841948.00W	1836 (5E)	1000		2900
			17. TERRAIN	373033.00N/0841442.00W	1621 (1600)		AS1500	3100
3. MISSED APPROACH MAP:	DA / DA / RW36	QEFFO	18. TREE (KI39T0160)	373702.22N/0841949.51W	1073 (1A)	ASC		3100
			19. TOWER (21-000179)	374342.00N/0841824.00W	1335 (4D)	1000		2400
ELEV:	1072/1117/1360		20. TERRAIN	374039.00N/0841848.00W	1060 (1100)		AS1500	2600

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	457	21. TREE (KI39T0248)	373653.73N/0842042.43W	1139 (1B)	300	SI	1460
CATEGORY B	1.5 NM		450		517	22. TWR (KI39T0252)	373750.49N/0841816.13W	1215 (1A)	300		1520
CATEGORY C	1.7 NM		450		517	22. TWR (KI39T0252)	373750.49N/0841816.13W	1215 (1A)	300		1520
CATEGORY D	2.3 NM		550		557	22. TWR (KI39T0252)	373750.49N/0841816.13W	1215 (1A)	300	HAA	1560
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

CITY AND STATE	ELEVATION: 1003 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
RICHMOND, KY	MADISON	RNAV	RNAV (GPS) RWY 36, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZID ARTCC LEX APP CON		N W S OTHER:	SOURCE: KI39 / KLEX
	X	F A A	DISTANCE: 0 / 27.61
		A / C	HOURS REMOTE OPERATION: 24 / BACKUP
SATISFACTORY ON:			
X V H F X U H F H F	LOCATION: KI39		ADJUSTMENT: 0 / 67

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

5. APPROACH & RUNWAY LIGHTING	
	ALS
	(S) SALS
	MALS
	HIRL
X	MIRL 18 (PCL), 36 (PCL)
X	REIL 18 (PCL), 36 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4L 18, 36 (PCL)

6. RUNWAY MARKINGS	BASIC		
	ALL WEATHER		
	INSTRUMENT	NPI-G 18, 36	
7. RUNWAY VISUAL RANGE	APPROACH		
	MIDFIELD		
	ROLL OUT		
8. GLIDE PATH	GP ANGLE: 3.00		ELEV RWY THRESHOLD: 1002.5
	DISTANCE FROM RWY:		ELEV GP ANTENNA:
			THRESHOLD CROSSING HEIGHT: 40.0

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

10. WAIVERS: NONE

PART D - PREPARED BY: ERIC VALDEZ	DATE: 07/24/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

ACTUAL HIGH TEMP: 54C (130F)

ISA DEVIATION USED: -30C (4F)

PARA 251, 34:1 PENETRATION.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 1728 TOWER 373241N/0841741W

RASS PRESSURE PATTERNS SAME
KI39 1002.5, KLEX 979.5
RA = 66.82.
SEE ATTACHED AIRSPACE LETTER.

SERVICE A: NO/YES

VGSI DATA: 3.00/27.4

ACT: -16
"AVERAGE COLD TEMPERATURE BASED ON STANDARD -30C ISA DEVIATION".
HIGH TEMPERATURE LIMIT DERIVED FROM AFS-400 CALCULATOR.

BARO-VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F).

LPV SLOPE: 34:1
LNAV/VNAV: INNER SLOPE: 23.44:1

USED 100' TREE HEIGHT.

LPV, LNAV/VNAV, AND LNAV INTERMEDIATE SEGMENT HAVE SAME CONTROLLING OBSTACLE AND HIGH TERRAIN.

ATC REQUESTED LOWEST POSSIBLE TAA ALTITUDE.

25 DEGREE BANK ANGLE USED IN INTIAL SEGMENTS.

ORDER 8260.3, VOLUME 1, "VISUAL PORTION OF FINAL"
PENETRATIONS:
34:1
1081 TREE (KI39T0153) 373704.95N/0841949.87W (12.56)
1052 TREE (KI39T0143) 373712.14N/0841958.86W (6.84)

1073 TREE (KI39T0151) 373705.10N-0841950.60W (5.16)

1014 TREE (KI39T0125) 373724.15N/0841957.82W (4.17)

1068 TREE (KI39T0148) 373706.68N/0841946.56W (3.95)

1072 TREE (KI39T0152) 373705.38N/0841945.85W (3.94)

1030 TREE (KI39T0133) 373719.40N/0841946.76W (3.65)

1069 TREE (KI39T0150) 373705.96N/0841947.95W (3.12)

1039 TREE (KI39T0052) 373716.04N/0841945.63W (2.45)

1074 TREE (KI39T0156) 373704.07N/0841947.55W (2.44)
1073 TREE (KI39T0155) 373704.17N/0841949.96W (2.27)

1070 TREE (KI39T0054) 373705.02N/0841949.75W (1.74)

1070 TREE (KI39T0154) 373704.51N/0841952.35W (0.80)

1019 GRD (KI39T0128) 373721.64N/0841953.28W (0.73)
CONT.

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FINAL: LPV	CICJO	RW36	13. TREE (KI39T0153)	373704.95N/0841949.87W	1081 (1A)	34:1	MA11	1264/261
FINAL: LNAV/VNAV	CICJO	RW36	14. TREE (KI39T0185)	373631.13N/0841950.31W	1117 (1A)	PDA		1278/275
FINAL: LNAV	CICJO	BRIGY/2.60 NM TO RW36	15. AAO	373318.61N/0841955.76W	1460 (2C)	250	RA67 DG83	1860
FINAL: LNAV STEPDOWN	BRIGY/2.60 NM TO RW36	RW36	16. COMMUNICATION (KI39T0189)	373548.90N/0841923.48W	1191 (1A)	250		1460

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

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
RICHMOND, KY	ELEVATION: 1003 AIRPORT NAME: MADISON	RNAV	RNAV (GPS) RWY 36, AMDT 1	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
SATISFACTORY ON:	☐ NWS ☐ FAA ☐ A/C OTHER:	SOURCE: DISTANCE: HOURS REMOTE OPERATION:
☐ VHF ☐ UHF ☐ HF	LOCATION:	ADJUSTMENT:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ANETT **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 372637.57N/0841836.97W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

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	S		WP	179.64	359.64	R		4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-001221)	372434.00N/0841948.00W	1836	5E

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV(GPS) RWY 18		1	KI39	RICHMOND	KY (US)
IAP	RNAV(GPS) RWY 36		1	KI39	RICHMOND	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 60.84 FT NORTH.
CHANGED PAT 1 CRS INBOUND FROM 359.65 TO 359.64.

DEVELOPED BY: **DATE:** 06/25/2012 **OFFICE:** AJV-352 **NAME:** ERIC VALDEZ

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: LEX APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRIGY **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 373453.41N/0841935.47W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV(GPS) RWY 36			KI39	RICHMOND	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
MOVED FIX 608.12 FT SOUTH.

DEVELOPED BY: **DATE:** 06/21/2012 **OFFICE:** AJV-352 **NAME:** ERIC VALDEZ

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: LEX APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CICJO **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 373236.42N/0841919.28W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV(GPS) RWY 36			KI39	RICHMOND	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 383.17 FT SOUTH.

DEVELOPED BY: **DATE:** 06/25/2012 **OFFICE:** AJV-352 **NAME:** ERIC VALDEZ

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: LEX APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EBTAC **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 372716.52N/0840951.80W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV(GPS) RWY 36			KI39	RICHMOND	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 2NM EAST.
FIX NAME RETAINED PER OPERATIONAL REQUIREMENT, JO 7400.2J, PARA 3-3-4F.

DEVELOPED BY: **DATE:** 06/25/2012 **OFFICE:** AJV-352 **NAME:** ERIC VALDEZ

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: LEX APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: JUMOP **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 372557.96N/0842721.99W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV(GPS) RWY 36			KI39	RICHMOND	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 2NM WEST.
FIX NAME RETAINED PER OPERATIONAL REQUIREMENT, JO 7400.2J, PARA 3-3-4F.

DEVELOPED BY: **DATE:** 06/25/2012 **OFFICE:** AJV-352 **NAME:** ERIC VALDEZ

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: LEX APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: QEFFO **STATE:** KY **COUNTRY:** US

LATITUDE/LONGITUDE: 374916.57N/0842117.87W **TYPE:** WP

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

HOLDING: **HOLDING TYPE OF ACTION:**

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	N		WP	359.61	179.61	R		4	3100	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (21-002125)	375250.86N/0841915.94W	2049	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 18		1	KI39	RICHMOND	KY (US)
IAP	RNAV (GPS) RWY 36		1	KI39	RICHMOND	KY (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
FIX MOVED 49.25 FT NORTHWEST.
CHANGED PAT 1 CRS INBOUND FROM 179.63 TO 179.61.

DEVELOPED BY: **DATE:** 06/25/2012 **OFFICE:** AJV-352 **NAME:** ERIC VALDEZ

APPROVED BY: **DATE:** **OFFICE:** AJV-352 **NAME:** DARRYEL ADAMS

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZID
ATC FACILITY: LEX APP CON
OTHER:

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **RICHMOND** STATE: **KY**

AIRPORT NAME: **MADISON** ID: **KI39**

PROCEDURE: **RNAV (GPS) RWY 36** AMDT: **1**

DOCKET#: **NOT REQUIRED**
(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	**3.95**
(Enter THLD, FAF, ARP, FACILITY, as appropriate)			
2. Width of	**FINAL**	segment at 1000' point	**1.87**
(Enter appropriate segment, final, intermediate, etc.)			
3. True Course of	**FINAL**	segment containing 1000' point	**354.63**
4. High Terrain in	**FINAL**	segment containing 1000' point	**1303**
5. Distance from	**THLD**	to 1500' point	**10.89**
(If 1500' point in PT maneuvering area or holding pattern note in remarks)			
6. Width of	**INTERMEDIATE**	segment at 1500' point	**4.00**
7. True Course of	**INTERMEDIATE**	segment containing 1500' point	**354.64**
8. High Terrain in	**INTERMEDIATE**	segment containing 1500' point	**1615**

9. Threshold Coordinates (if straight-in) ... **373728.91N** / **0841953.87W**

10. ARP Coordinates ..... **373753.50N** / **0841956.80W**

11. Runway Approach End and distance furthest from ARP ..... RWY **18**

Distance **0.41** NM

12. FAF Coordinates ..... **373236.42N** / **0841919.28W**

REMARKS: Approach/Drawing attached.

TAA: JUMOP (IAF) 372557.96N-0842721.99W; EBTAC (IAF) 372716.52N-0840951.80W

ANETT (IF/IAF) 372367.57N-0841836.97W RADIUS: 30 NM