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
ZIMUN (IAF)	JISID (NOPT) (FB)	313.70 / 11.29	2200
JETON (IAF)	JISID (NOPT) (FB)	065.53 / 6.28	2200
JISID (IF/IAF)	POWLS (FB)	030.57 / 6.00	2200
POWLS (FAF)	FEBKU/1.60 NM TO RW03 (FB)	030.61 / 3.70	
FEBKU/1.60 NM TO RW03	RW03 (MAP) (FO)	030.63 / 1.60	
RW03 (MAP)	783 MSL	030.63	
783 MSL	FIPEN (FO)		2200

MISSED APPROACH

LPV: DA
LNAV/VNAV: DA
LNAV: RW03

CLIMB TO 2200 DIRECT FIPEN AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 210.72 INBOUND.
CHART FAS OBST: 589 TREE 383930N/0882810W
DISTANCE TO THLD FROM 310 HATH: 0.85 NM.
WAAS CHANNEL # 82428
REFERENCE PATH ID: W03A
LTP HAE: 112.9 M

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD SW JISID, RT, 030.57 INBOUND, 2200 FT. IN LIEU OF PT (IAF)
3. FAC: 030.61 FAF: POWLS DIST FAF TO MAP: 5.30 THLD: 5.30
4. MIN. ALT: JISID 2200, POWLS 2200, FEBKU/1.60 NM TO RW03 1020*
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: 2200 GS ALT AT: POWLS 2200 OM: ____ MM: ____ IM: ____
7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR
8. MSA FROM: RW03 2600

MAG VAR: 1W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A STANDARD @

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	783	1	310	783	1	310	783	1	310		NA				
LNAV/VNAV DA	859	1 3/8	386	859	1 3/8	386	859	1 3/8	386		NA				
LNAV MDA	860	1	387	860	1	387	860	1 1/8	387		NA				
CIRCLING	940	1	467	940	1	467	1120	1 3/4	647		NA				

NOTES:
CHART NOTE: CIRCLING TO RWY 15/33 NA AT NIGHT.
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 21 NA AT NIGHT.
CHART NOTE: BARO-VNAV NA WHEN USING OLNEY-NOBLE ALTIMETER SETTING.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 54C (130F).
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 473 THRE: 473	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
FLORA, IL	AIRPORT NAME: FLORA MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 2	AMDT: 1A
				DATED 03/11/2010

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] ZKC, AMGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:
DEVELOPED BY		
NAME: THOMAS L KIRKPATRICK	FIFO AJV-353	DATE: 11/14/2011
APPROVED BY		
NAME: LARRY H STROUT MANAGER	FIFO AJV-353	DATE:

CHANGES:

1. ADD LPV LINE OF MINIMA AND ALL ASSOCIATED NOTES.
2. REMOVED SAMSVILLE/KENBE FEEDERS AND ANEGE/BEGDE INTIALS.
3. ADDED FEBKU AS FINAL STEPDOWN FIX.
4. CHANGED DIST FAF TO MAP/THLD FROM 5.22/5.22 TO 5.30/5.30.
5. ADD 34:1 IS NOT CLEAR.
6. CHANGED LNAV/VNAV ALL CATS VISIBILITY FROM 1 1/2 TO 1 3/8 AND LNAV CAT C VISIBILITY FROM 1 TO 1 1/8.
7. UPDATED PLANVIEW NA NOTES.
8. ADD CIRCLING NA NOTE FOR RWY 21 AT NIGHT WHEN VGSI INOP, AND RWY 15/33.
9. UPDATED BACK-UP ALTIMETER SETTING NOTE.

REASONS:

1. FTW FPT REQUEST.
2. REPLACED WITH NEW INITIALS ZIMUN AND JETON PLACED ON AIRWAY FOR ENROUTE TIE-IN.
3. NEW CONTROLLING OBST (AAO) ADDED. STEPDOWN ADDED TO MAINTAIN CURRENT MDA.
4. MOVED TO RNP PFAF (.54A) LOCATION.
5,8. VISUAL SURFACES PENETRATED, NO SURVEY.
6. NEW VISIBILITY TABLE.
7. NO FEEDER FROM SAM VOR/DME AND NEW NOTES NEEDED FOR ZIMUN AND JETON.
9. NEW FORMAT.

PDF EDITS:
TERMINAL ROUTES - ADD (FAF) AFTER POWLS, REMOVED 1020*, CHANGED 783 TO 2200.

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NOTES, (CONT.):
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ZIMUN ON V52 SOUTHEAST BOUND.
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT JETON ON V44 WESTBOUND.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.
***LNAV ONLY**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE OLNEY-NOBLE ALTIMETER SETTING AND INCREASE ALL DA 33 FEET AND ALL MDA 40 FEET; INCREASE LPV VISIBILITY ALL CATS, AND LNAV CAT C VISIBILITY 1/8 MILE, CIRCLING CAT C VISIBILITY 1/4 MILE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 473 THRE: 473	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLORA, IL	AIRPORT NAME: FLORA MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 2	AMDT: 1A
				DATED: 03/11/2010

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:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

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FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KFOA
RUNWAY	RW03
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W03A
LTP/FTP LATITUDE	383929.8030N
LTP/FTP LONGITUDE	0882725.5140W
LTP/FTP ELLIPSOIDAL HEIGHT	+01129
FPAP LATITUDE	384047.3100N
FPAP LONGITUDE	0882629.2400W
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	A1193FEA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01440
FPAP ORTHOMETRIC HEIGHT	+01440

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 473 THRE: 473	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
FLORA, IL	AIRPORT NAME: FLORA MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 2	AMDT: 1A
				DATED: 03/11/2010

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:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

QUALITY 2 CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC PACKET - 424-8 - RNAV (GPS)

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FEBKU K50    W     N38380627W088282610                      W0024     NAR           FEBKU
        SUSAEAENRT   FIPEN K50    W     N38503111W088192427                      W0025     NAR           FIPEN
        SUSAEAENRT   JETON K50    C   L N38265759W088414617                      W0022     NAR           JETON
        SUSAEAENRT   JISID K50    W     N38293970W088343260                      W0023     NAR           JISID
        SUSAEAENRT   POWLS K50    W     N38345314W088304603                      W0024     NAR           POWLS
        SUSAEAENRT   ZIMUN K50    C   L N38220027W088235845                      W0024     NAR           ZIMUN

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFOAK5AFOA     0     050YHN38395396W088271120W001000473         1800018000C    MNAR    FLORA MUNI

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFOAK5FR03   AJETON 010JETONK5EA0E  A    IF                                          18000                A JS
        SUSAP KFOAK5FR03   AJETON 020JISIDK5EA0EE B 010TF                    06550063    + 02200                        A JS
        SUSAP KFOAK5FR03   AJISID 010JISIDK5EA0EE AR   HF                    03060040    + 02200     18000              A JS
        SUSAP KFOAK5FR03   AZIMUN 010ZIMUNK5EA0E  A    IF                                          18000                A JS
        SUSAP KFOAK5FR03   AZIMUN 020JISIDK5EA0EE B 010TF                    31370113    + 02200                        A JS
        SUSAP KFOAK5FR03   R      010JISIDK5EA0E  I    IF                                + 02200     18000              A JS
        SUSAP KFOAK5FR03   R      020POWLSK5EA1E  F 051TF                    03060060    + 02200                 RW03  K5PGA JS
        SUSAP KFOAK5FR03   R      020POWLSK5EA2WALPV       ALNAV/VNAV ALNAV                                                JS
        SUSAP KFOAK5FR03   R      021FEBKUK5EA0E S  031TF                    03060037    V 0102001022        -300          A JS
        SUSAP KFOAK5FR03   R      030RW03 K5PG0GY M 031TF                    03060016      00513             -300          A JS
        SUSAP KFOAK5FR03   R      040         0  M     CA                    0306        + 00783                         A JS
        SUSAP KFOAK5FR03   R      050FIPENK5EA0EY      DF                                + 02200                         A JS
        SUSAP KFOAK5FR03   R      060FIPENK5EA0EE  R   HM                    21070040    + 02200                         A JS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFOAK5GRW03    0050030306 N38392980W088272551-0100    +0112900473000040075R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
PP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KFOAK5PR03   RW03 001 0000W03A0N3839298030W08827255140+011290300N3840473100W088262924001067512240004 00F400500A1193FEA
        SUSAP KFOAK5PR03   RW03 002E      +01440+01440LPV       82428

                 1         2         3         4         5         6         7         8         9         0         1         2
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 473 THRE: 473	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FLORA, IL	AIRPORT NAME: **FLORA MUNI**	**RNAV**	**RNAV (GPS) RWY 3, AMDT 2**	AMDT: **1A**
				DATED: **03/11/2010**

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.33

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```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------
        SUSAP KFOAK5SRW03 K5PG                0   18018002625                                                                M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 473 THRE: 473	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FLORA, IL	AIRPORT NAME: FLORA MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 2	AMDT: 1A
				DATED: 03/11/2010

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:

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.33**

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ARINC SUMMARY - 424-8 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	JETON	JETON	010	IAF	IF		FB					
	JETON	JISID	020		TF		FB	1.0	065.5(064.5T)	006.3	AA 02200	
	JISID	JISID	010	IAF	HF	R	FO		030.6(029.6T)	004.0	AA 02200	
	ZIMUN	ZIMUN	010	IAF	IF		FB					
	ZIMUN	JISID	020		TF		FB	1.0	313.7(312.7T)	011.3	AA 02200	
		JISID	010	FACF	IF		FB				AA 02200	
		POWLS	020	FAF	TF		FB	0.5	030.6(029.6T)	006.0	AA 02200	
		FEBKU	021	SDF	TF		FB	0.3	030.6(029.6T)	003.7	AA 01020 GS 01022	
		RW03	030	MAP	TF		FO	0.3	030.6(029.6T)	001.6	AT 00513	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		030.6(029.6T)		AA 00783	
	FIPEN	050		DF		FO				AA 02200	
	FIPEN	060		HM	R	FO		210.7(209.7T)	004.0	AA 02200	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	FEBKU	N383806.27	W0882826.10	N3838.105	W08828.435
	FIPEN	N385031.11	W0881924.27	N3850.519	W08819.405
	JETON	N382657.59	W0884146.17	N3826.960	W08841.770
	JISID	N382939.70	W0883432.60	N3829.662	W08834.543
	POWLS	N383453.14	W0883046.03	N3834.886	W08830.767
	ZIMUN	N382200.27	W0882358.45	N3822.005	W08823.974
	RW03	N383929.80	W0882725.51	N3839.497	W08827.425

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW03	00473	40

QUALITY CHECKED 1

CITY AND STATE	ELEVATION: 473 THRE: 473	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
FLORA, IL	AIRPORT NAME: FLORA MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 2	AMDT: 1A
				DATED: 03/11/2010

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.
INITIAL	ZIMUN	JISID	1. TOWER (17-000782)	382913.17N/0883319.18W	854 (4D)	1000	AT346	2200
			2. TERRAIN	382839.00N/0882842.00W	522 (500)		AS1500	2000
INITIAL	JETON	JISID	1. TOWER (17-000782)	382913.17N/0883319.18W	854 (4D)	1000	AT346	2200
			3. TERRAIN	382609.00N/0884115.00W	538 (500)		AS1500	2000
INTERMEDIATE	JISID (IF/IAF)	POWLS	1. TOWER (17-000782)	382913.17N/0883319.18W	854 (4D)	500	AT846	2200
			4. TERRAIN	383133.00N/0883157.00W	539 (500)		AS1500	2000
FINAL: LPV	POWLS	RW03	5. TREE (KFOAT0002)	383906.20N/0882742.21W	560 (2C)	34:1	AC20 MA59	783/310
FINAL: LNAV/VNAV	POWLS	RW03	6. TREE	383930.00N/0882810.00W	589 (2C)	PDA	AC20 XP100	859/386
FINAL: LNAV	POWLS	FEBKU/1.60 NM TO RW03	7. AAO	383447.49N/0883108.96W	699 (2C)	250	RA33 DG38	1020
FINAL: LNAV STEPDOWN	FEBKU/1.60 NM TO RW03	RW03	6. TREE	383930.00N/0882810.00W	589 (2C)	250	XP21	860
2. HOLD-IN-LIEU-OF-PT	JISID	P-5	1. TOWER (17-000782)	382913.17N/0883319.18W	854 (4D)	1000	AT346	2200
			8. TERRAIN	382603.00N/0884124.00W	552 (600)		AS1500	2100
3. MISSED APPROACH — MAP:	DA / DA / RW03	FIPEN	9. TREE (KFOAT0003)	383900.09N/0882742.60W	562 (2C)	ASC	AC20	2200
			10. AAO	385157.00N/0882057.00W	706 (4E)	1000		1800
ELEV:	569/709/760		11. TERRAIN	385157.00N/0882057.00W	506 (500)		AS1500	2000
			12. TANK (17-002726)	384016.00N/0882745.00W	635 (2C)	300		940
			12. TANK (17-002726)	384016.00N/0882745.00W	635 (2C)	300		940
			13. TOWER (17-000645)	384042.00N/0882914.00W	768 (5D)	300	AC50	1120

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL
CATEGORY A	1.3 NM	350	467
CATEGORY B	1.5 NM	450	467
CATEGORY C	1.7 NM	450	647
CATEGORY D	2.3 NM	550	
CATEGORY E	4.5 NM	550	

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: RW03

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (17-001372)	254/ 23.0	1550 (5D)	2600					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 473 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
FLORA, IL	FLORA MUNI	RNAV	RNAV (GPS) RWY 3, AMDT 2	AGL

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
ZKC ARTCC STL FSS	N W S	OTHER: AWOS-3	SOURCE: KFOA / KOLY
	F A A		DISTANCE: 0 / 13.44
	A / C		HOURS REMOTE OPERATION:
SATISFACTORY ON:			
X V H F X U H F H F	LOCATION: KFOA		ADJUSTMENT: 0 / 33

4. MONITOR STATUS	PRIMARY NAVAID:	
	MONITOR POINT:	
	HRS OPTN: CAT 1	
	HRS OPTN: CAT 3	
5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
		MALS
		HIRL
	X	MIRL 21 (PCL), 03 (PCL)
	X	REIL 21 (PCL)
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PVASI-2L 21 (PCL), 03 (PCL)
6. RUNWAY MARKINGS	BASIC	
	ALL WEATHER	
	INSTRUMENT NPI-G 03; -F 21	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	
8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 472.5
	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: THOMAS L KIRKPATRICK	DATE: 11/14/2011
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-353

PART C - REMARKS:

VDP NOT ESTABLISHED - STEP IS > 0.5NM FROM STEPDOWN.

RWY 15/33 TURF RWY NO LIGHTS.

VGSI 3.00/TCH 26.0

RASS PRESSURE PATTERNS SAME
KFOA 473, KOLY 482
RA = 32.2.
SEE ATTACHED AIRSPACE LETTER.

LPV:
SURFACE = 34:1
LNAV/VNAV:
SURFACE = 23.56:1

AVERAGE COLD TEMPERATURE BASED ON 5 YEAR AVERAGE (2006-2010)

CALCULATED HIGH TEMPERATURE 93C (199F), CHARTED 54C (130F).

NO TAA AT ATC REQUEST.

ORDER 8260.3, VOLUME 1, ?VISUAL PORTION OF FINAL?
PENETRATIONS:
34:1 (VISI)
560 TREE (KFOAT0002) 383906.20N/0882742.21W (13.11)
489 ROAD (KFOAT0012) 383922.27N/0882724.52W (4.06)
553 TREE (KFOAT0010) 383903.84N/0882741.56W (0.76)
489 ROAD (KFOAT0013) 383921.16N/0882725.31W (0.28)

ORDER 8260.3, VOLUME 1, ?VISUAL PORTION OF FINAL?
PENETRATIONS:
20:1 (VAAR RW21)
508 TREE (KFOAT0077) 384021.25N/0882651.93W (9.99)
477 ROAD (KFOAT0080) 384015.57N/0882653.10W (6.25)
506 TREE (KFOAT0076) 384022.27N/0882651.59W (2.84)

ALL ASSUMED TREE HEIGHTS 100'.

XP100: MAINTAIN CURRENT DA.

XP21: TO MAINTAIN MDA

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FEBKU **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 383806.27N/0882826.10W **TYPE:** WP

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 3			KFOA	FLORA	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 11/14/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FIPEN **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 385031.11N/0881924.27W **TYPE:** WP

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

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	NE		WP	030.72	210.72	R		4	2200	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-002560)	385751.00N/0881224.00W	1178	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 21		1	KFOA	FLORA	IL (US)
IAP	RNAV (GPS) RWY 3		1	KFOA	FLORA	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATED COORDINATES, FIX MOVED 3197 FEET NE.
CHANGED HOLDING INBOUND FROM 210.73 TO 210.72, CHANGED HOLDING DME OUTBOUND LEGS FROM 5 TO 4 NM, CHANGED CONTROLLING OBSTACLE FROM A 1075 MSL TOWER TO A 1178 MSL TOWER.

DEVELOPED BY: **DATE:** 11/14/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JETON **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 382657.59N/0884146.17W **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	CENTRALIA	ENL	VORTAC	H	081.25	085.25	21.89	21.86		2000	17500
2	MOUNT VERNON	VNN	VOR/DME	L	043.00	045.00		7.41		1500	17500

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

REMARKS:
CENTRALIA (FAC 1) AND MOUNT VERNON (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V44	1, 2				(US)
IAP	RNAV (GPS) RWY 3			KFOA	FLORA	IL (US)
IAP	VOR RWY 23	1, 2		KMVN	MOUNT VERNON	IL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATE FIX COORDINATES, FIX MOVED 16 FEET SW. (PLACED AT PROPER INTERSECTION OF FAC'S 1 AND 2.
ADD WP TO FIX TYPE.
ADD DIST FROM FAC FOR FAC'S 1 AND 2.
ADD FACILITIES USED FOR FIX MAKE-UP.
UPDATE FIX USE.

DEVELOPED BY: **DATE:** 11/14/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JISID **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 382939.70N/0883432.60W **TYPE:** WP

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

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	SW		WP	210.57	030.57	R		4	2200	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (17-000782)	382913.17N/0883319.18W	854	4D

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 21		1	KFOA	FLORA	IL (US)
IAP	RNAV (GPS) RWY 3		1	KFOA	FLORA	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATE FIX COORDINATES, FIX MOVED 121 FEET NE.
UPDATED HOLDING PATTERN INBOUND FROM 030.58 TO 030.57, CHANGED HOLDING DME OUTBOUND LEGS FROM 5 TO 4 NM, UPDATE OBSTACLE NUMBER (ONLY THE NUMBER).

DEVELOPED BY: **DATE:** 11/14/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: POWLS **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 383453.14N/0883046.03W **TYPE:** WP

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

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (GPS) RWY 3			KFOA	FLORA	IL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 05/31/2012

REASON FOR REVISION:
UPDATE FIX COORDINATES, FIX MOVED 490 FEET SW.
REMOVED FAC 1.

DEVELOPED BY: **DATE:** 11/14/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZIMUN **STATE:** IL **COUNTRY:** US

LATITUDE/LONGITUDE: 382200.27N/0882358.45W **TYPE:** WP, DME

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

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	POCKET CITY	PXV	VORTAC	H	308.26	311.26	40.00	40.00		4500	17500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V52	1				(US)
IAP	RNAV (GPS) RWY 3			KFOA	FLORA	IL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 05/31/2012

DEVELOPED BY: **DATE:** 11/14/2011 **OFFICE:** AJV-353 **NAME:** THOMAS KIRKPATRICK

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: CEN
ARTCC: ZKC
ATC FACILITY:
OTHER:

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **FLORA** STATE: **IL**

AIRPORT NAME: **FLORA MUNI** ID: **KFOA**

PROCEDURE: **RNAV (GPS) RWY 3** AMDT: **2**

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 **3.10**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **1.20**
   (Enter appropriate segment, final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **029.61**
4. High Terrain in **FINAL** segment containing 1000' point **499**
5. Distance from **THLD** to 1500' point **4.90**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.76**
7. True Course of **FINAL** segment containing 1500' point **029.61**
8. High Terrain in **FINAL** segment containing 1500' point **499**
9. Threshold Coordinates (if straight-in) ... **383929.80N** / **0882725.51W**
10. ARP Coordinates ..... **383953.96N** / **0882711.20W**
11. Runway Approach End and distance furthest from ARP ..... RWY **3**
    Distance **0.44** NM
12. FAF Coordinates ..... **383453.14N** / **0883046.03W**

REMARKS: Approach/Drawing attached.