Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 01/31/2012	Task #: 2008041414764716005	Request #: 20080414147647
Procedure: ILS OR LOC RWY 27 R AMDT 2		Airport ID: KSFB	Airport: ORLANDO SANFORD INTL		Reimbursable #:
City: ORLANDO	ST: FL	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID: FNU	Fac. Type: ILS	Specialist: KELLY DEAN			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	12/29/2011	05/14/2012	DONALD SMITH	
QA:	05/14/2012	05/14/2012	STEVEN SZUKALA	
Liaison:	05/14/2012		Alfonso	HARD DATE

Procedure Comments:

Remark Type: INFORMATION

pkg/.f4

ORLANDO, FL ORLANDO SANFORD INTL (KSFB) ILS OR LOC RWY 27R, AMDT 2 ENROUTE-NO HARD DATE: 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): PAOLA-INT, REV 12; PESIY-INT, ORIG; UXFIM-INT, REV 3; UTIMY-INT, REV 3.

CONTACT: DON SMITH, AJV-352 LEAD, 405.954.1036:

LOC/DME I-FNU	APP CRS	Rwy ldg	9000
110.15	275°	THRE	38
Chan 38 (Y)		Apt Elev	55

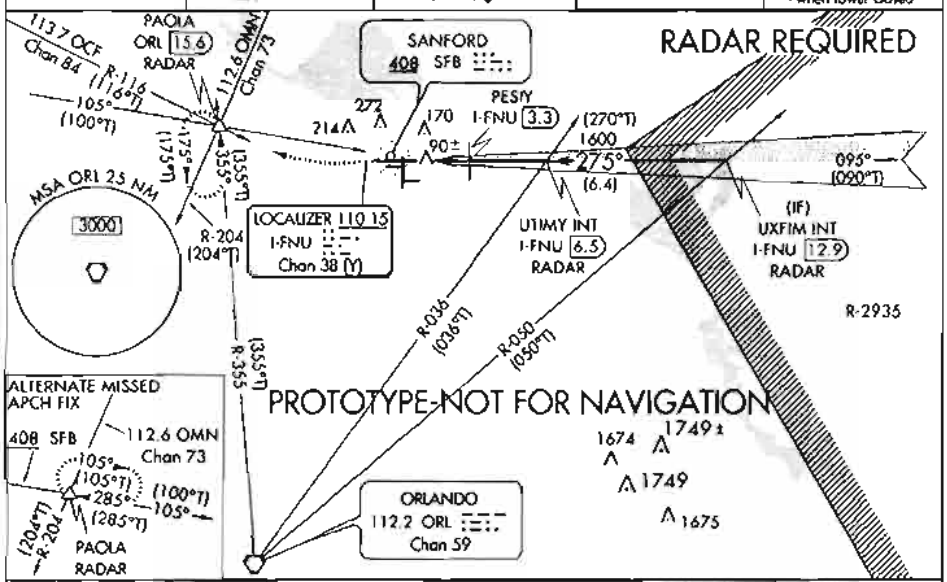
ILS or LOC RWY 27R
ORLANDO SANFORD INTL (SFB)

When VGSI inop, Circling Rwy 27C NA at night. When local altimeter setting not received, use Executive altimeter setting and increase S-ILS 27R DA to 279 and all MDA 60 feet; increase S-LOC 27R Cats C/D and PESIY fix minimums S-LOC 27R Cats C/D visibility ⅛ mile. VDP NA when using Executive altimeter setting. For inoperative MALSR, increase PESIY fix minimums S-LOC 27R Cats C/D visibility to 1⅜. For inoperative MALSR when using Executive altimeter setting, increase S-LOC 27R Cats C/D visibility to 1⅜ mile, and increase PESIY fix minimums S-LOC 27R Cats C/D visibility to 1⅛ mile.

MALSR

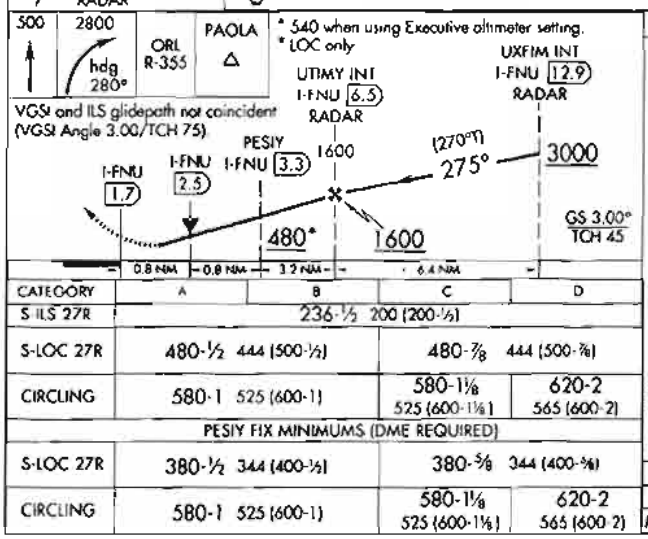
MISSED APPROACH: Climb to 500 then climbing right turn to 2800 on heading 280° and ORL VORTAC R-355 to PAOLA INT/ORL 15.6 DME/RADAR and hold, continue climb-in-hold to 2800.

ATIS	ORLANDO APP CON	SANFORD TOWER *	GND CON	CLNC DEL
125.975	121.1 351.9	120.3(CTAF) 381.65	121.35 381.65	123.975 *121.35
				* when tower closed



500	2800	ORL R-355	PAOLA △
	hdg 280°		

VGSI and ILS glidepath not coincident (VGSI Angle 3.00/TCH 75)



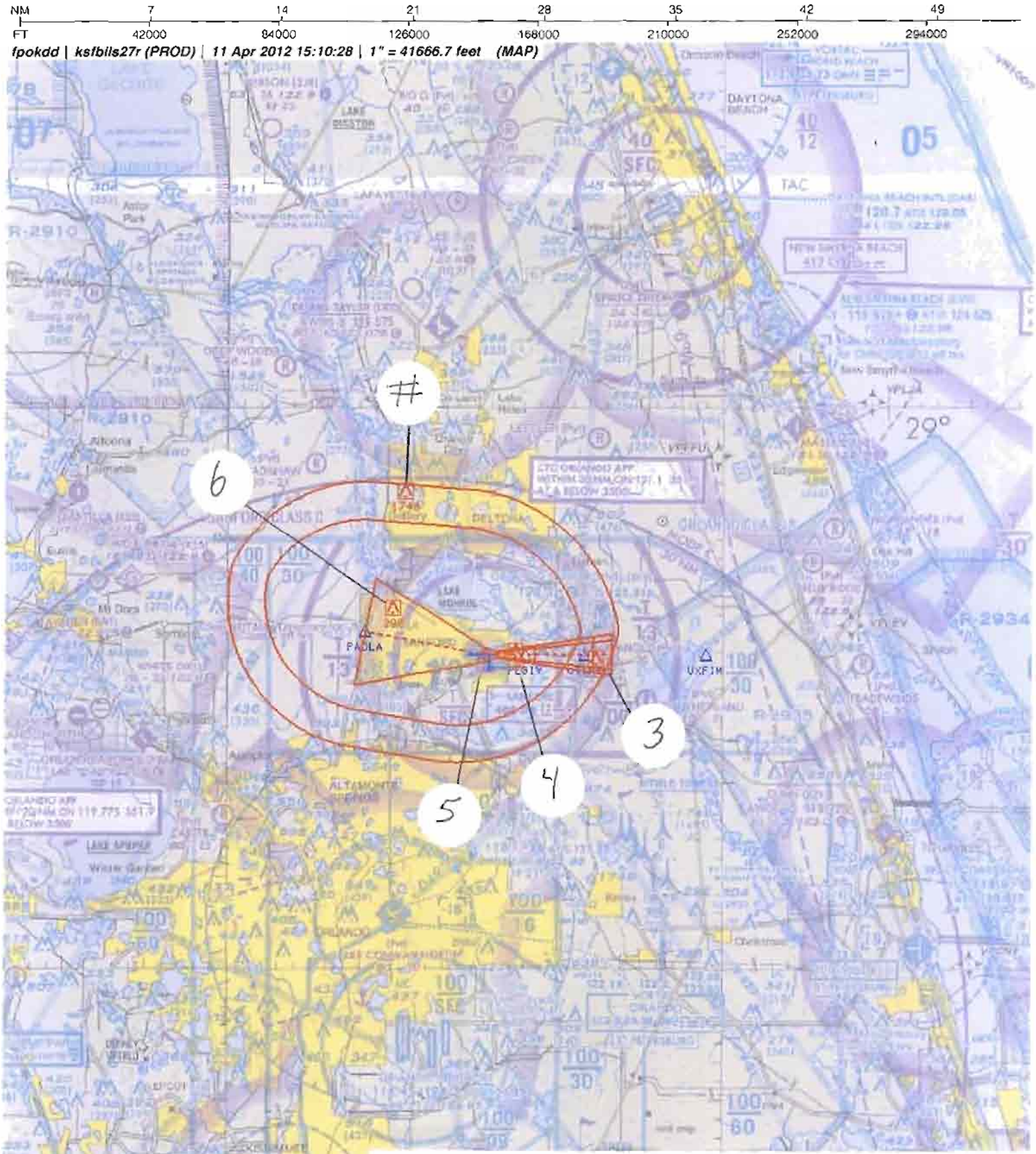
ELEV 55 D THRE 36

(270°T) 275° 4.8 NM from FAF

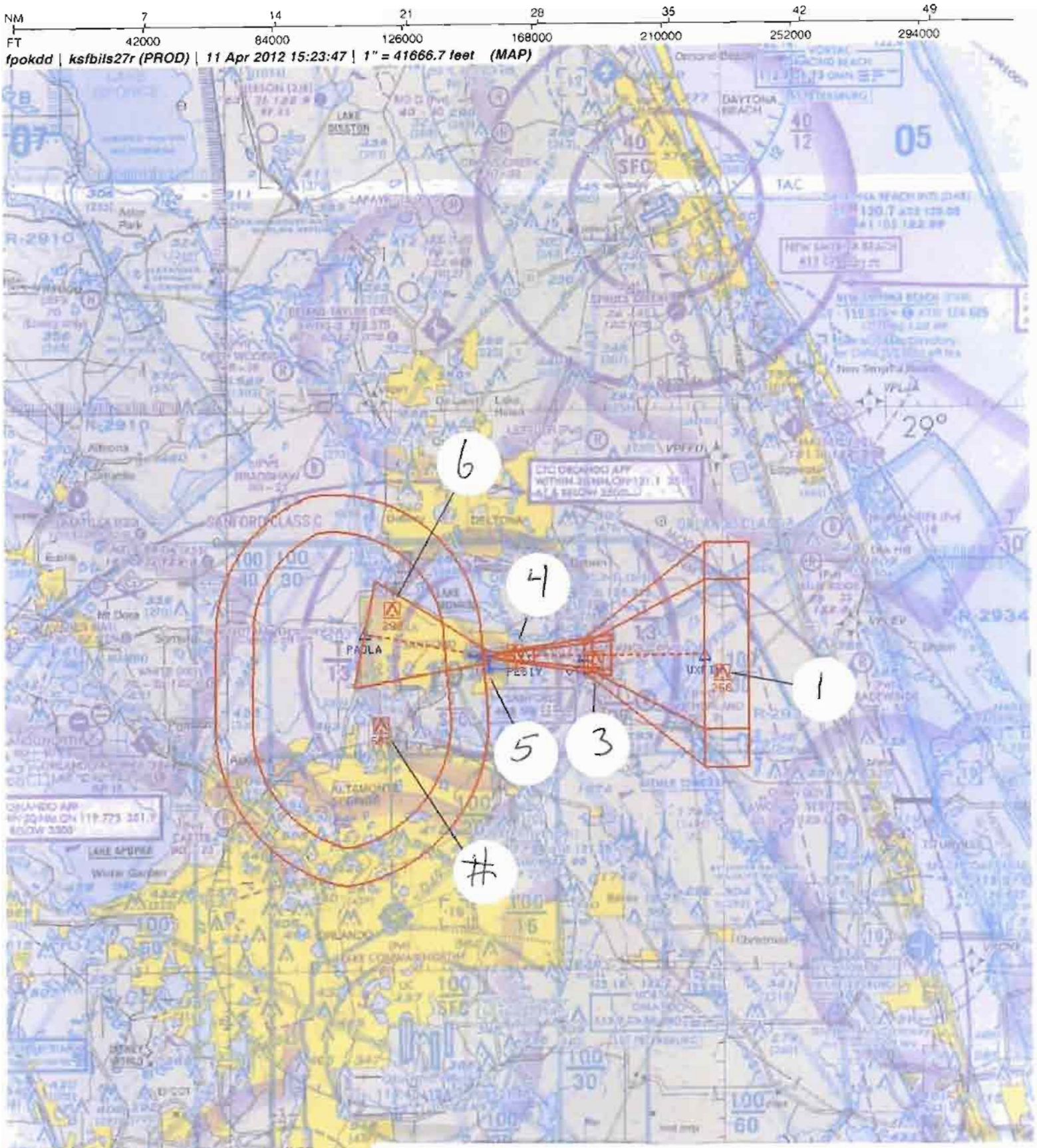
CATEGORY	A	B	C	D
S ILS 27R	236-½ 200 (200-½)			
S-LOC 27R	480-½ 444 (500-½)		480-⅞ 444 (500-⅞)	
CIRCLING	580-1 525 (600-1)		580-1⅛ 525 (600-1⅛)	620-2 565 (600-2)
PESIY FIX MINIMUMS (DME REQUIRED)				
S-LOC 27R	380-½ 344 (400-½)		380-⅝ 344 (400-⅝)	
CIRCLING	580-1 525 (600-1)		580-1⅛ 525 (600-1⅛)	620-2 565 (600-2)

MIRL Rwy 18-36
MIRL Rwys 9C-27C
HIRL Rwy 9L-27R and 9R-27L
REIL Rwys 9C, 18, 27L and 36

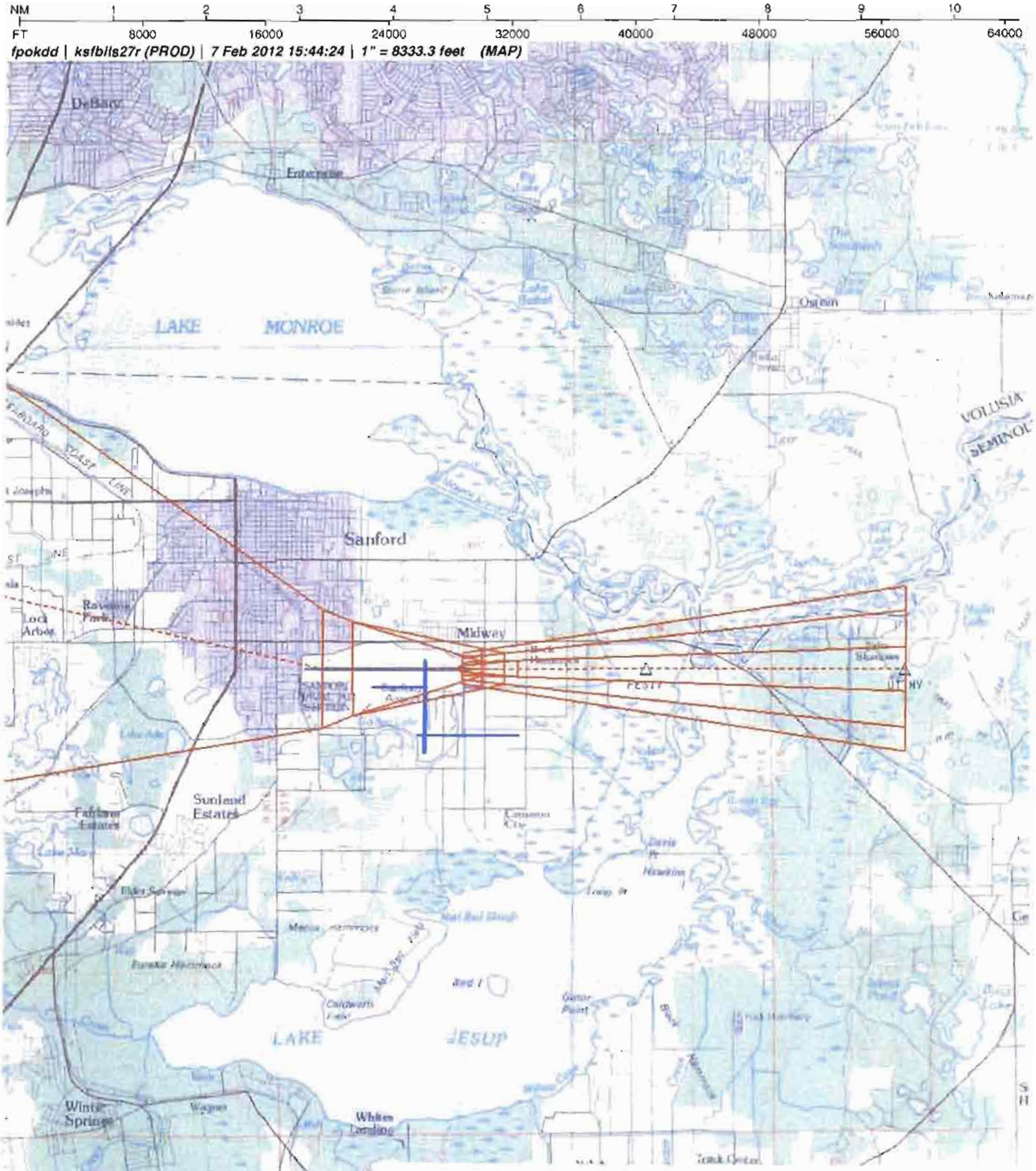
FAF to MAP 4.8 NM					
Knots	60	90	120	150	180
Min:Sec	4:48	3:12	2:24	1:55	1:36



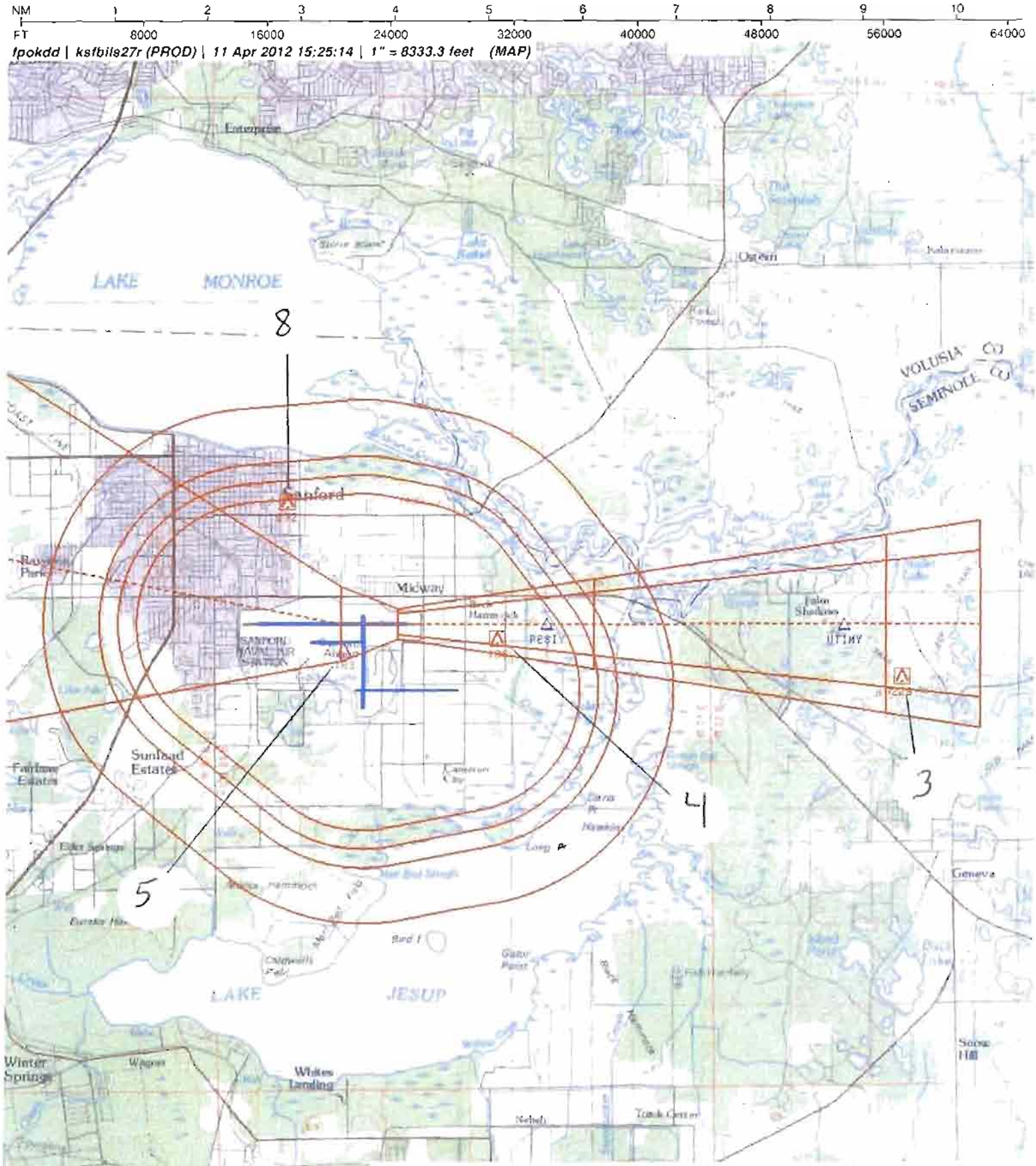
Airport ID:	KSFB	FM 9	ALTERNATE	MISSED	
Apt Name:	ORLANDO SANFORD INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	ORLANDO	3	LOC FINAL	AAO	229
State:	FL	4	LOC FINAL S/D	TREE	106
Scale:	1:500,000	5	MA PEN OBST	ANT ATCT	163
Proc ID:	ILS OR LOC RWY 27R	6	MA LVL SFC	TOWER	290
Amdt #:	2	#	MA HOLDING	TOWER	1740



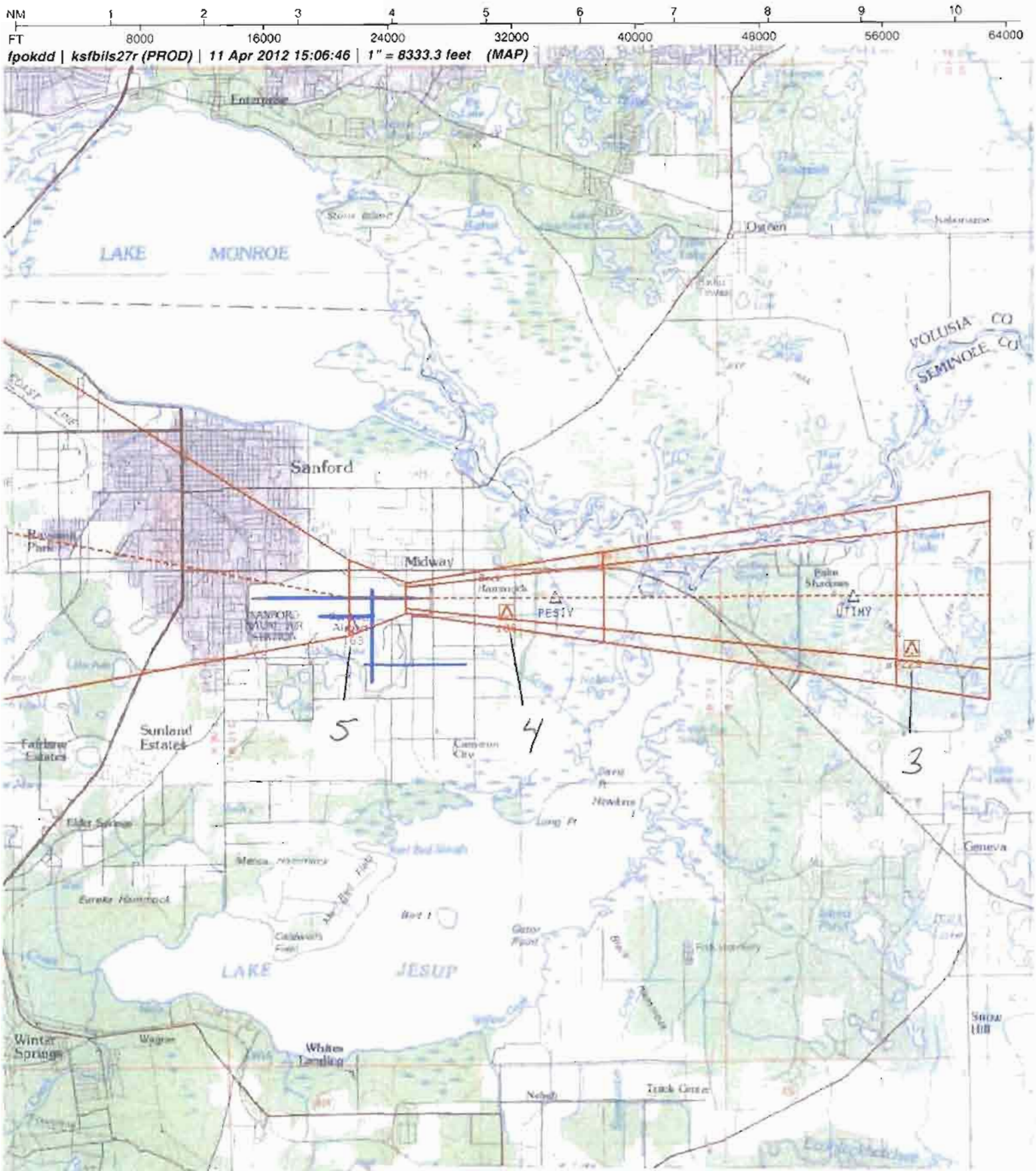
Airport ID:	KSFB	FM 9			
Apt Name:	ORLANDO SANFORD INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	ORLANDO	1	INTERM	AAO	256
State:	FL	3	LOC FINAL	AAO	229
Scale:	1:500,000	4	LOC FINAL S/D	TREE	106
Proc ID:	ILS OR LOC RWY 27R	5	MA PEN OBST	ANT ATCT	163
Amdt #:	2	6	MA LVL SFC	TOWER	290
		#	MA HOLDING	TOWER	562



Airport ID:	KSFB	FM 9			
Apt Name:	ORLANDO SANFORD INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	ORLANDO		ILS FINAL	ASC	
State:	FL				
Scale:	1:100,000				
Proc ID:	ILS OR LOC RWY 27R				
Amdt #:	2				



Airport ID.	KSFB	FM 9			
Apt Name:	ORLANDO SANFORD INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	ORLANDO	3	LOC FINAL	AAO	229
State:	FL	4	LOC FINAL S/D	TREE	106
Scale.	1:100,000	8	CIRC CAT A-D	TOWER	272
Proc ID	ILS OR LOC RWY 27R	5	MA PEN OBST	ANT ATCT	163
Amdt #:	2				



Airport ID:	KSFB	FM 9	ALTERNATE	MISSED	
Apt Name:	ORLANDO SANFORD INTL	No	SEGMENT	OBSTRUCTION	ELEV
City:	ORLANDO	3	LOC FINAL	AAO	229
State:	FL	4	LOC FINAL S/D	TREE	106
Scale:	1:100,000	5	MA PEN OBST	ANT ATCT	163
Proc ID:	ILS OR LOC RWY 27R				
Amdt #:	2				

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
UXFIM INT/I-FNU 12.88 DME/RADAR (IF)	UTIMY INT/I-FNU 6.45 DME/RADAR	274.90 / 6.43 (I-FNU)	1600

MISSED APPROACH

ILS: DA
LOC: 4.77 MILES AFTER UTIMY INT/FNU 6.45 DME/RADAR OR AT I-FNU 1.68 DME FIX

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 2800 ON HEADING 280 AND ORL VORTAC R-355 TO PAOLA INT/ORL 15.60 DME/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING RIGHT TURN TO (SEE FORM 8260-10)

ADDITIONAL FLIGHT DATA:
HOLD S, LT, 355.17 INBOUND.
CHART: ALTERNATE MA HOLDING, HOLD E PAOLA INT/RADAR, RT, 284.72 INBOUND.
CHART FAS OBST: 106 TREE 284640N/0811227W
CHART R-2934, R-2935.
CHART VDP AT 2.52 DME*;
DISTANCE VDP TO THLD 0.84 MILES.
*LOC ONLY.

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT UXFIM
3. FAC: 274.90 FAF: UTIMY INT/I-FNU 6.45 DME/RADAR DIST FAF TO MAP: 4.77 THLD: 4.77
4. MIN. ALT: UXFIM 3000, UTIMY 1600, PESIY/I-FNU 3.28 DME 480*
5. DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 990
6. MIN GS INCPT: 1600 GS ALT AT: UTIMY 1600 OM: - MM: - IM: -
7. GS ANGLE: 3.00 TCH: 45.0
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 5W EPOCH YEAR: 2000

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT ALTERNATE: N A ILS: STANDARD # LOC: 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
S-ILS 27R	236	1/2	200	236	1/2	200	236	1/2	200	236	1/2	200			
S-LOC 27R	480	1/2	444	480	1/2	444	480	7/8	444	480	7/8	444			
CIRCLING	580	1	525	580	1	525	580	1 1/2	525	620	2	565			
PESIY FIX MINIMUMS (DME REQUIRED)															
S-LOC 27R	380	1/2	344	380	1/2	344	380	5/8	344	380	5/8	344			
CIRCLING	580	1	525	580	1	525	580	1 1/2	525	620	2	565			

NOTES:
CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 27C NA AT NIGHT.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
*LOC ONLY
(SEE FORM 8260-10)

@ NA WHEN LOCAL WEATHER NOT AVAILABLE.
#@ NA WHEN CONTROL TOWER CLOSED.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	AMDT: 1B
				DATED 01/12/2012

ALL AFFECTED PROCEDURES REVIEWED?	COORDINATES OF FACILITIES	REQUIRED EFFECTIVE DATE
[ ] YES [X] NO		09/20/2012

COORDINATED WITH:

ATA	AAT	ALPA	APA	AOPA	NBAA	OTHER (specify)
X		X	X	X	X	X ZJX, MCO APP CON, SFB ATCT, AIRFIELD MANAGER

FLIGHT CHECKED BY		
NAME: WILLIAM EDWARD SETTLEMIRE	FIFO FIOG	DATE: 06/28/2012
DEVELOPED BY		
NAME: KELLY DEAN	FIFO AJV-352	DATE: 02/07/2012
APPROVED BY		
NAME: DARRYEL ADAMS MANAGER	FIFO AJV-352	DATE: 05/17/2012

CHANGES:

1. FAF DME VALUE CHANGED FROM 6.4 TO 6.5; DIST FAF TO MAP/THLD CHANGED FROM 4.7 TO 4.8.
2. ADDED LOC STEPDOWN FIX (PESIY) AND SECOND LINE OF MINIMUMS.
3. S-ILS 27R DA LOWERED FROM 250 TO 236.
4. S-LOC 27R HAT RAISED FROM 330 TO 344.
5. S-LOC 27R CAT C AND D VISIBILITY CHANGED FROM 1/2 AND 3/4 TO 5/8.
6. UPDATED NOTES FOR BACKUP ALTIMETER SETTING, INOPERATIVE MALSR, AND COMBINATION OF BOTH.
7. REMOVED DME REQUIRED IN NOTES AND ALTERNATE MISSED.
8. ADDED WHEN VGSI INOP TO RWY 27C NA NOTE.
9. RAISED PRIMARY AND ALTERNATE MISSED HOLDING ALTITUDE TO 2800, ADDED CIH.

REASONS:

1. FAF MOVED TO BARO-VNAV PFAF LOCATION.
2. MAINTAIN LOWER MINIMUMS.
3. TDZE CHANGED TO THRE.
4. TDZE CHANGED TO THRE.
5. TERPS CHANGE 20 VIS CALCULATION TABLE.
6. CORRESPOND WITH CHANGING MINIMUMS.
7. MULTIPLE SOURCES AT EACH FIX MAKING DME AUTHORIZED, BUT NOT REQUIRED.
8. MITIGATE PENETRATION WITH VGSI.
9. ENROUTE RAISED AIRWAY MEA TO 2800, ENROUTE EVALUATION SHOWED THAT ANYTHING LESS WOULD NOT CLEAR 40:1 SURFACE NORTHBOUND DUE TO 1740 TOWER VICINITY FIX KIZER ON V267.

08/13/2012: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 05/17/2012.
1. CHANGED CIRCLING CAT C VISIBILITY FROM 1 1/8 TO 1 1/2.

QUALITY CHECKED

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MISSED APPROACH INSTRUCTIONS, (CONT.):
2800 ON HEADING 280 AND SFB NDB BRG-285 TO PAOLA INT/RADAR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800 (ADF REQUIRED).

NOTES, (CONT.):
***540 WHEN USING EXECUTIVE ALTIMETER SETTING.**
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EXECUTIVE ALTIMETER SETTING AND INCREASE S-ILS 27R DA TO 279 AND ALL MDA 60 FEET; INCREASE S-LOC 27R CATS C/D AND PESIY FIX MINIMUMS S-LOC 27R CATS C/D VISIBILITY 1/8 MILE.
CHART NOTE: VDP NA WHEN USING EXECUTIVE ALITMETER SETTING.
CHART NOTE: FOR INOPERATIVE MALSR, INCREASE PESIY FIX MINIMUMS S-LOC 27R CATS C/D VISIBILITY TO 1 3/8.
CHART NOTE: FOR INOPERATIVE MALSR WHEN USING EXECUTIVE ALTIMETER SETTING, INCREASE S-LOC 27R CATS C/D VISIBILITY TO 1 3/8 MILE, AND INCREASE PESIY FIX MINIMUMS S-LOC 27R CATS C/D VISIBILITY TO 1 1/8 MILE.

QUALITY 2 CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	AMDT: 1B
				DATED: 01/12/2012

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
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICES - FAR PART 97.29

Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

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ARINC PACKET - 424-18 - ILS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KSFBK7 IFNU  K7011015 IT                     IFNUN28465100W081153479     000680     NARORLANDO SANFORD INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PAOLA K70    R   L N28480890W081213576                      W0059     NAR           PAOLA
        SUSAEAENRT   UTIMY K70    C     N28465480W081081460                      W0061     NAR           UTIMY
        SUSAEAENRT   UXFIM K70    C     N28465498W081005554                      W0062     NAR           UXFIM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KSFBK7FI27R  I      010UXFIMK7EA0E  I    IF IFNUK7      09490129        PI  J 030000160018000                  0 NS
        SUSAP KSFBK7FI27R  I      020UTIMYK7EA0E  F    CF IFNUK7      0949006427500064PI  H 0160001600        -300ORL   K7D 0 NS
        SUSAP KSFBK7FI27R  I      030RW27RK7PG0GY M    CF IFNUK7      0949001727500048PI    00081             -300          0 NS
        SUSAP KSFBK7FI27R  I      040         0  M     CA                     2749        + 00500                           0 NS
        SUSAP KSFBK7FI27R  I      050         0        VI                     2800                                          0 NS
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
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        SUSAP KSFBK7IIFNU1   011015RW27RN28465422W0811534582749N28465994W0811351421170 09900394300W00504500029

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFBK7SORL  K7D                0   18018003025                                                                    M
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QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	AMDT: 1B
				DATED: 01/12/2012

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:

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 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		UXFIM	010	FACF	IF		FB				AA 03000 GI 01600	
		UTIMY	020	FAF	CF		FB		275.0()	006.4	GI 01600 GS 01600	
		RW27R	030	MAP	CF		FO		275.0()	004.8	AT 00081	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		274.9()		AA 00500	
		050		VI		FB		280.0()			
	PAOLA	060		CF		FO		355.2()	003.0	AA 02800	
	PAOLA	070		HM	L	FO		355.2()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IFNU (DME)	N284651.00	W0811534.79	N2846.850	W08115.580
	PAOLA	N284808.90	W0812135.76	N2848.148	W08121.596
	UTIMY	N284654.80	W0810814.60	N2846.913	W08108.243
	UXFIM	N284654.98	W0810055.54	N2846.916	W08100.926
	RW27R	N284654.41	W0811340.28	N2846.907	W08113.671
	IFNU (LOC)	N284654.22	W0811534.58	N2846.904	W08115.576

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27R	00036	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	AMDT: 1B
				DATED: 01/12/2012

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

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KSFBK7 IFNU  K7011015 IT                     IFNUN28465100W081153479     000680     NARORLANDO SANFORD INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   PAOLA K70    R   L N28480890W081213576                      W0059     NAR           PAOLA
        SUSAEAENRT   PESIY K70    C     N28465457W081115103                      W0060     NAR           PESIY
        SUSAEAENRT   UTIMY K70    C     N28465480W081081460                      W0061     NAR           UTIMY
        SUSAEAENRT   UXFIM K70    C     N28465498W081005554                      W0062     NAR           UXFIM

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFBK7ASFB     0     096YHN28463610W081140790W005000055         1800018000C    MNAR    ORLANDO SANFORD INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFBK7FL27R  L      010UXFIMK7EA0E  I    IF IFNUK7      09490129        PI  + 03000     18000                0 NS
        SUSAP KSFBK7FL27R  L      020UTIMYK7EA0E  F    CF IFNUK7      0949006427500064PI  + 01600                 ORL   K7D 0 NS
        SUSAP KSFBK7FL27R  L      021PESIYK7EA0E S     CF IFNUK7      0949003327500032PI  + 00480             -300         0 NS
        SUSAP KSFBK7FL27R  L      030RW27RK7PG0GY M    CF IFNUK7      0949001727500016PI    00081             -300         0 NS
        SUSAP KSFBK7FL27R  L      040         0  M     CA                        2749        + 00500                      0 NS
        SUSAP KSFBK7FL27R  L      050         0        VI                        2800                                     0 NS
        SUSAP KSFBK7FL27R  L      060PAOLAK7EA0EY      CF ORL K7      3552015635520030D   + 02800                      0 NS
        SUSAP KSFBK7FL27R  L      070PAOLAK7EA0EE  L   HM                        3552T010    + 02800                      0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFBK7GRW27R   0096012749 N28465441W081134028+0200    -0016800036059945150IIFNU1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KSFBK7IIFNU1   011015RW27RN28465422W0811534582749N28465994W0811351421170 09900394300W00504500029

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO SANFORD INTL**	**I-FNU**	**ILS OR LOC RWY 27R, AMDT 2, 09/20/2012**	AMDT: **1B**
				DATED: **01/12/2012**

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:

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.

```
SUSAP KSFBK7SORL  K7D          0   18018003025                                    M
```

QUALITY 1 CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	AMDT: 1B
				DATED: 01/12/2012

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:

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 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		UXFIM	010	FACF	IF		FB				AA 03000	
		UTIMY	020	FAF	CF		FB		275.0()	006.4	AA 01600	
		PESIY	021	SDF	CF		FB		275.0()	003.2	AA 00480	
		RW27R	030	MAP	CF		FO		275.0()	001.6	AT 00081	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		274.9()		AA 00500	
		050		VI		FB		280.0()			
	PAOLA	060		CF		FO		355.2()	003.0	AA 02800	
	PAOLA	070		HM	L	FO		355.2()	T01.0	AA 02800	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IFNU (DME)	N284651.00	W0811534.79	N2846.850	W08115.580
	PAOLA	N284808.90	W0812135.76	N2848.148	W08121.596
	PESIY	N284654.57	W0811151.03	N2846.910	W08111.851
	UTIMY	N284654.80	W0810814.60	N2846.913	W08108.243
	UXFIM	N284654.98	W0810055.54	N2846.916	W08100.926
	RW27R	N284654.41	W0811340.28	N2846.907	W08113.671
	IFNU (LOC)	N284654.22	W0811534.58	N2846.904	W08115.576

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27R	00036	45

QUALITY CHECKED

CITY AND STATE	ELEVATION: 55 THRE: 36	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	AMDT: 1B
				DATED: 01/12/2012

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.
INTERMEDIATE	UXFIM INT/I-FNU	UTIMY INT/I-FNU	1. AAO	284530.00N/0805951.00W	256 (4E)	500	AC98	900
	12.88 DME/RADAR	6.45 DME/RADAR	2. TERRAIN	284539.00N/0805951.00W	50 (100)		AS1500	1600
FINAL: ILS	UTIMY INT/I-FNU	RW27R				ASC		236/200
	6.45 DME/RADAR							
FINAL: LOC	UTIMY INT/I-FNU	PESIY/I-FNU 3.28	3. AAO	284616.15N/0810732.34W	229 (2C)	250		480
	6.45 DME/RADAR	DME						
FINAL: LOC STEPDOWN	PESIY/I-FNU 3.28	4.77 MILES AFTER	4. TREE (KSFBT0659)	284639.97N/0811226.91W	106 (1A)	250	SA-12 MA20	380
	DME	UTIMY INT/FNU						
		6.45 DME/RADAR						
		OR AT I-FNU						
		1.68 DME FIX						
2. PROCEDURE TURN	NA							
3. MISSED APPROACH — MAP:	DA / 4.77 MILES	PAOLA INT/ORL	5. ANT ATCT	284632.55N/0811418.64W	163 (1A)	ASC		2800
	AFTER UTIMY	15.60 DME/RADAR	6. TOWER (12-003639)	284901.00N/0811953.00W	290 (1A)	1000		1300
ELEV:	71/130		7. TERRAIN	284706.96N/0812013.18W	89 (100)		AS1500	1600

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL							
CATEGORY A	1.3 NM	350	525 / 525	8. TOWER (12-000344)	284808.00N/0811500.00W	272 (1A)	300		580 / 580
CATEGORY B	1.5 NM	450	525 / 525	8. TOWER (12-000344)	284808.00N/0811500.00W	272 (1A)	300		580 / 580
CATEGORY C	1.7 NM	450	525 / 525	8. TOWER (12-000344)	284808.00N/0811500.00W	272 (1A)	300		580 / 580
CATEGORY D	2.3 NM	550	565 / 565	8. TOWER (12-000344)	284808.00N/0811500.00W	272 (1A)	300	HAA / HAA	620 / 620
CATEGORY E	4.5 NM	550							

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: ORL VORTAC

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (12-004140)	134/ 22.8	1949 (2C)	3000					

QUALITY CHECKED

CITY AND STATE	ELEVATION: 55 / AIRPORT NAME:	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ORLANDO, FL	ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE			3. ALTIMETER SETTING
ZJX ARTCC MCO APP CON SFB TOWER		N W S	OTHER: ASOS	SOURCE: KSFB / KORL
		F A A		DISTANCE: 0 / 14.76
SATISFACTORY ON:		A / C		HOURS REMOTE OPERATION: 0 / 24
X V H F X U H F H F	LOCATION: KSFB			ADJUSTMENT: 0 / 0

4. MONITOR STATUS	PRIMARY NAVAID: I-FNU		
	MONITOR POINT: KSFB TOWER		
	HRS OPTN:	CAT 1	TOWER OPEN
		CAT 3	TOWER CLOSED

5. APPROACH & RUNWAY LIGHTING		ALS
		(S) SALS
	X	MALSR 09L, 09R (PCL), 27R
	X	HIRL 09L (PCL), 27L (PCL), 09R (PCL), 27R (PCL)
	X	MIRL 18 (PCL), 36 (PCL), 27C (PCL), 09C (PCL)
	X	REIL 18, 27L, 36, 09R, 09C
		TDZ
		C/LINE
	X	OTHER (SPECIFY) PAPI-2L 27C (PCL), 09C (PCL) PAPI-4L 09L (PCL), 18 (PCL), 27L (PCL), 36 (PCL), 09R (PCL)

6. RUNWAY MARKINGS	BASIC	BSC-G 27L, 27C, 09C; -P 18
	ALL WEATHER	PIR-G 09L, 09R, 27R
	INSTRUMENT	
7. RUNWAY VISUAL RANGE	APPROACH	
	MIDFIELD	
	ROLL OUT	

8. GLIDE PATH	GP ANGLE: 3.00	ELEV RWY THRESHOLD: 36.3
	DISTANCE FROM RWY: 990	ELEV GP ANTENNA: 45
		THRESHOLD CROSSING HEIGHT: 45.0

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

10. WAIVERS: NONE

PART D - PREPARED BY: KELLY DEAN	DATE: 02/07/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

THRESHOLD DISPLACED 599 FT.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VGSI DATA: 3.00/75

4. MONITOR STATUS: ORL VORTAC / CAT 1 - 24 HRS / MONITOR POINT - AOCC

SEE ATTACHED AIRSPACE LETTER.

PROCEDURE DESIGN PER ATC. ATC REQUESTED SPECIFIC HEADING OF 280 FOR PRIMARY AND ALTERNATE MISSED APPROACH INSTRUCTIONS WITH 2000' CLEARANCE LIMIT ALTITUDE. 2800 UTILIZED FOR PRIMARY AND ALTERNATE MISSED DUE TO ESV FOR OCF VORTAC AT 2700 AND AIRWAY MEA AT 2800, ENROUTE EVALUATION SHOWED THAT ANYTHING LESS WOULD NOT CLEAR 40:1 SURFACE NORTHBOUND DUE TO 1740 TOWER VICINITY FIX KIZER ON V267.

RASS (PRESSURE PATTERNS THE SAME)
KSFB 54.8, KORL 112.8
RA=42.07
KSFB AND KORL ARE ON SERVICE A

LOC FINAL S/D OBST (#4) IS 91 FT FROM EDGE OF PRIMARY SURFACE.

RWY 27C (20:1) PENETRATIONS:
61 RD (KSFBT0069) 284641.75N/0811401.13W (12.85)
60 RD (KSFBT0068) 284641.77N/0811400.80W (10.38)
60 RD (KSFBT0066) 284641.79N/0811400.21W (7.76)
60 RD (KSFBT0061) 284641.79N/0811358.92W (2.02)

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
5. ANT ATCT (KSFB0061) 284632.55N/0811418.64W 163 (1A) ASC 2800
6. TOWER (12-003639) 284901.00N/0811953.00W 290 (1A) 1000 1300
7. TERRAIN 284706.96N/0812013.18W 89 (100) AS1500 1600

QUALITY 2 CHECKED

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

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

3. MISSED APPROACH								
	MAP:							
	ELEV:							

4. CIRCLING AREA	DISTANCE	HT. ABV. ARPT. REQUIRED	HT. ABV. ARPT. ACTUAL						
CATEGORY A	1.3 NM	350							
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)	MSA

QUALITY CHECKED

CITY AND STATE	ELEVATION: 55	FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ORLANDO, FL	AIRPORT NAME: ORLANDO SANFORD INTL	I-FNU	ILS OR LOC RWY 27R, AMDT 2, 09/20/2012	ASO

PART B - SUPPLEMENTAL DATA

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

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

5. APPROACH & RUNWAY LIGHTING		**ALS**
		(S) SALS
		MALS
		HIRL
		MIRL
		REIL
		TDZ
		C/LINE
	X	**OTHER (SPECIFY) PAPI-4L 27R (PCL)**

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:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PAOLA **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 284808.90N/0812135.76W **TYPE:** RADAR, 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	ORLANDO	ORL	VORTAC	H	355.17	355.17	15.60	15.60		2800	17500
2	OCALA	OCF	VORTAC	L	116.00	116.00		50.81		2800	17500
3	ORMOND BEACH	OMN	VORTAC	H	203.51	203.51		32.67		2800	17500
4	SANFORD	SFB	NDB	MH	284.72	279.72		6.24		2800	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
OCF	VORTAC	R-116	51	2700	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	S	ORL	VORTAC	355.17	355.17	L	1		2800	6000	6	7
2	E	SFB	NDB	284.72	284.72	R	1		2800	6000	6	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-000366)	284250.12N/0812034.39W	562	1A
1	310	TOWER (12-001568)	285618.00N/0811857.00W	1740	3C
2	200	TOWER (12-002157)	285511.08N/0811906.57W	1740	1A
2	310	TOWER (12-001568)	285618.00N/0811857.00W	1740	3C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST/OBSTACLES

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 27R	KSFB	ORLANDO	FL (US)
2	ILS OR LOC RWY 27R (ALT MISS)	KSFB	ORLANDO	FL (US)

REMARKS:
ORLANDO (FAC 1) AND OCALA (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2910.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
HOLDING PATTERN 2 OBSTACLE (12-002157) IS 8333 FT FROM EDGE OF PRIMARY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V267	1, 2, 3, 4				(US)
IAP	VOR/DME RWY 18L	1, 2		KMCO	ORLANDO	FL (US)
IAP	VOR/DME RWY 18R	1, 2		KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 27R	1, 2	1	KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 27R (ALT MISS)	3, 4	2	KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
ADDED DIST FROM FAC VALUES TO ALL FACILITIES.
DELETED FAC 5.
HOLDING PATTERN 1 CHANGED FROM DME TO TIME.
RAISED HOLDING PATTERNS 1 AND 2 MIN/MAX TEMPLATES FROM 4/6 TO 6/7.
RAISED HOLDING PATTERNS 1 AND 2 MIN ALT FROM 2000 TO 2800.
ADDED C-I-H TO PATTERNS 1 AND 2.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 02/07/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

QUALITY 2 CHECKED

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APPCON, KSFB ATCT
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PESIY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 284654.57N/0811151.03W **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	ORLANDO	I-FNU	LOC/DME		094.90	089.90	3.28	3.27		380	4500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27R	1		KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R			KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 02/02/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON, SFB ATCT
OTHER:

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UXFIM **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 284654.98N/0810055.54W **TYPE:** WP, RADAR, 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	ORLANDO	I-FNU	LOC/DME		094.90	089.90	12.88	12.87		3000	4500
2	ORLANDO	ORL	VORTAC	H	049.60	049.60		22.12		3000	4500

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	E		WP	095.00	275.00	R		4	1600	6000	4	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-002595)	285052.70N/0805149.50W	509	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PRIOR COORDINATION REQUIRED WITH MCO APPROACH CONTROL FOR HOLDING OVER R-2934.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27R	1, 2		KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R		1	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 9L		1	KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
DELETED FAC 3.
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
LOWERED FAC 1 AND 2 MAA FROM 4800 TO 4500.
UPDATED REMARKS AND FIX USE.

DEVELOPED BY: **DATE:** 02/02/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON
OTHER:

QUALITY 2 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: UTIMY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 284654.80N/0810814.60W **TYPE:** WP, RADAR, 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	ORLANDO	I-FNU	LOC/DME		094.90	089.90	6.45	6.44	39152	1600	4500
2	ORLANDO	ORL	VORTAC	H	036.04	036.04		17.71		1600	4500

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

REMARKS:
ORLANDO (FAC 1) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 27R	1, 2		KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 27R			KSFB	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
FIX MOVED 379FT EAST.
FAC 1 DME CHANGED FROM 6.39 TO 6.45.
FAC 2 BRG CHANGED FROM 035.87 TO 36.04.
ADDED DIST FROM FAC VALUES TO FAC 1 AND FAC 2.
LOWERED FAC 1 AND 2 MAA FROM 4800 TO 4500.
DELETED FAC 3.
UPDATED FIX USE AND REMARKS.

DEVELOPED BY: **DATE:** 02/02/2012 **OFFICE:** AJV-352 **NAME:** KELLY DEAN

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

SIGNATURE:

DISTRIBUTION: **NFDC**
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON
OTHER: KSFB ATCT

QUALITY 2 CHECKED

TERMINAL AIRSPACE DATA REQUIREMENTS

CITY: **ORLANDO** STATE: **FL**

AIRPORT NAME: **ORLANDO SANFORD INTL** ID: **KSFB**

PROCEDURE: **ILS OR LOC RWY 27R** AMDT: **2**

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 **2.89**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **0.84**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **269.90**
4. High Terrain in **FINAL** segment containing 1000' point **37**
5. Distance from **THLD** to 1500' point **4.57**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.21**
7. True Course of **FINAL** segment containing 1500' point **269.90**
8. High Terrain in **FINAL** segment containing 1500' point **37**
9. Threshold Coordinates (if straight-in) ... **284654.41N** / **0811340.28W**
10. ARP Coordinates ..... **284636.10N** / **0811407.90W**
11. Runway Approach End and distance furthest from ARP.....RWY **27L**
    Distance **1.12** NM
12. FAF Coordinates ..... **284654.80N** / **0810814.60W**
    (Click to Select)

REMARKS: Approach/Drawing attached.