

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
SMYRA	VOFOS (FB)	186.97 / 8.26	3000
VOFOS (IAF)	UXFIM (NOPT) (FB)	191.20 / 5.15	3000
GACNO (IAF)	UXFIM (NOPT) (FB)	357.31 / 6.62	3000
UXFIM/I-FNU 13.22 DME (IF/IAF)	UTIMY INT/I-FNU 6.79 DME	274.90 / 6.43 (I-FNU)	1600

MISSED APPROACH

ILS: DA
LOC: 4.79 MILES AFTER UTIMY INT/I-FNU 6.79 DME OR AT I-FNU 2.01 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 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 IN PLANVIEW: ALTERNATE MA HOLDING, HOLD E PAOLA INT/ORL 15.60 DME, RT, 284.72 INBOUND.
CHART FAS OBST: 91 TREE 284657N/0811230W
CHART R-2934.
CHART VDP AT 2.88 DME*;
DISTANCE VDP TO THLD 0.87 MILES.
*LOC ONLY.
CHART OMN R-170 AT UXFIM

MAG VAR: 5W EPOCH YEAR: 2000

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E UXFIM, RT, 274.90 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 274.90 FAF: UTIMY INT/I-FNU 6.79 DME DIST FAF TO MAP: 4.79 THLD: 4.79
- MIN. ALT: UXFIM 3000, UTIMY 1600, PESIY/I-FNU 3.41 DME 480*
- DIST TO THLD FROM OM: - MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1058
- MIN GS INCPT: 1600 GS ALT AT: UTIMY 1600 OM: - MM: - IM: -
- GS ANGLE: 3.00 TCH: 45.0
- MSA FROM: ORL VORTAC 3000

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	231	1/2	200	231	1/2	200	231	1/2	200	231	1/2	200			
S-LOC 27R	480	1/2	449	480	1/2	449	480	7/8	449	480	7/8	449			
CIRCLING	580	1	525	580	1	525	580	1 1/2	525	620	2	565			
PESIY FIX MINIMUMS															
S-LOC 27R	380	1/2	349	380	1/2	349	380	5/8	349	380	5/8	349			
CIRCLING	580	1	525	580	1	525	580	1 1/2	525	620	2	565			

NOTES:
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART PLANVIEW NOTE: GPS OR RADAR REQUIRED.
CHART PLANVIEW NOTE ADJACENT TO GACNO (IAF): GPS REQUIRED, MAX 210 KIAS.
CHART PLANVIEW NOTE ADJACENT TO SMYRA: GPS REQUIRED, MAX 210 KIAS.
(SEE FORM 8260-10)

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

QUALITY
CHECKED

CITY AND STATE ORLANDO, FL	ELEVATION: 55 THRE: 31 AIRPORT NAME: ORLANDO SANFORD INTL	FACILITY IDENTIFIER: I-FNU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 3 30 MAY 2013	SUP:
				AMDT: 2
				DATED 09/20/2012

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ILS - STANDARD
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MISSED APPROACH INSTRUCTIONS, (CONT.):

2800 ON HEADING 280 AND SFB NDB BRG-285 TO PAOLA INT AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2800 ,
HOLD. (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 274 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 ALTIMETER SETTING.

CHART NOTE: CIRCLING TO RWY 27C NA AT NIGHT.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT SMYRA ON V3-533 NORTHBOUND.

CHART PLANVIEW NOTE: GPS OR RADAR REQUIRED.

QUALITY
4
CHECKED

CITY AND STATE

ORLANDO, FL

ELEVATION: 55

THRE: 31

AIRPORT NAME:

ORLANDO SANFORD INTL

FACILITY
IDENTIFIER:

I-FNU

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

ILS OR LOC RWY 27R, AMDT 3

30 MAY 2013

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09/20/2012

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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSFBK7FI27R	AGACNO	010GACNOK7EA0E	A	FC	PIE	K7	0676100635730046D	+	03000	18000210	0	NS
SUSAP	KSFBK7FI27R	AGACNO	020UXFIMK7EA0EE	B	CF	IFNUK7		.0949013235730020PI	+	03000		0	NS
SUSAP	KSFBK7FI27R	ASMYRA	010SMYRAK7EA0E		IF						18000210	0	NS
SUSAP	KSFBK7FI27R	ASMYRA	020VOFOSK7EA0E	A	TF				+	03000		0	NS
SUSAP	KSFBK7FI27R	ASMYRA	030VOFOSK7EA0E		FC	PIE	K7	0618106119120032D	+	03000		0	NS
SUSAP	KSFBK7FI27R	ASMYRA	040UXFIMK7EA0EE	B	CF	IFNUK7		0949013219120020PI	+	03000		0	NS
SUSAP	KSFBK7FI27R	AUXFIM	010UXFIMK7EA0EE	AR	HF	IFNUK7		094901322749T010PI	+	03000	18000	0	NS
SUSAP	KSFBK7FI27R	I	010UXFIMK7EA0E	I	IF	IFNUK7		09490132	PI	J	0300000160018000	0	NS
SUSAP	KSFBK7FI27R	I	020UTIMYK7EA0E	F	CF	IFNUK7		0949006827500064PI	H	0160001600	-300ORL	K7D	0 NS
SUSAP	KSFBK7FI27R	I	030RW27RK7PG0GY	M	CF	IFNUK7		0949002027500048PI		00076	-300	0	NS
SUSAP	KSFBK7FI27R	I	040	0 M	CA			2749	+	00500		0	NS
SUSAP	KSFBK7FI27R	I	050	0	VI			2800				0	NS
SUSAP	KSFBK7FI27R	I	060PAOLAK7EA0EY		CF	ORL	K7	3552015635520030D	+	02800		0	NS
SUSAP	KSFBK7FI27R	I	070PAOLAK7EA0EE	L	HM			3552T010	+	02800		0	NS

[illegible]

CITY AND STATE ORLANDO, FL	ELEVATION: 55 AIRPORT NAME: ORLANDO SANFORD INTL	THRE: 31 FACILITY IDENTIFIER: I-FNU	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: ILS OR LOC RWY 27R, AMDT 3 30 MAY 2013	SUP:
				AMDT: 2
				DATED: 09/20/2012

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	1	2	3	4	5	6	7	8	9	0	1	2	3
ILS	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KSF BK7 IIFNU1	011015RW27RN28465422W0811534582749N28465036W0811329691170	10580332300W00504500026											

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KSF BK7 SORL K7D	0	18018003025											

CITY AND STATE
ORLANDO, FL

ELEVATION: 55 THRE: 31
AIRPORT NAME:
ORLANDO SANFORD INTL

FACILITY
IDENTIFIER:
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PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 27R, AMDT 3
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SUP:

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ARINC SUMMARY - 424-18 - ILS

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	GACNO	GACNO	010	IAF	FC		FB		357.3()	004.6	AA 03000	AB 210
	GACNO	UXFIM	020		CF		FB		357.3()	002.0	AA 03000	
	SMYRA	SMYRA	010		IF		FB					AB 210
	SMYRA	VOFOS	020	IAF	TF		FB				AA 03000	
	SMYRA	VOFOS	030		FC		FB		191.2()	003.2	AA 03000	
	SMYRA	UXFIM	040		CF		FB		191.2()	002.0	AA 03000	
	UXFIM	UXFIM	010	IAF	HF	R	FO		274.9()	T01.0	AA 03000	
		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 00076	

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
	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	IFNU (DME)	N284651.00	W0811534.79	N2846.850	W08115.580
	GACNO	N284020.39	W0805931.44	N2840.340	W08059.524
	PAOLA	N284808.90	W0812135.76	N2848.148	W08121.596
	SMYRA	N290019.48	W0805934.51	N2900.325	W08059.575
	UTIMY	N284654.83	W0810750.94	N2846.914	W08107.849
	UXFIM	N284655.04	W0810031.89	N2846.917	W08100.532
	VOFOS	N285203.04	W0805953.89	N2852.051	W08059.898
	RW27R	N284654.44	W0811317.80	N2846.907	W08113.297
	IFNU (LOC)	N284654.22	W0811534.58	N2846.904	W08115.576

RUNWAY DATA	THRESHOLD		
RWY	ELEVATION	TCH	
RW27R	00031	45	

CITY AND STATE
ORLANDO, FLELEVATION: 55 THRE: 31
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NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	ORL	K7011220VTHA	N28323381W081200607	N28323381W081200607E0000001022	NARORLANDO								
SUSAD	PIE	K7011640VTHA	N27542795W082410351	N27542795W082410351W00500000092	NARST PETERSBURG								
SUSAD	KSFEBK7	IPNU	K7011015 IT	IFNUN28465100W081153479	000680	NARORLANDO SANFORD INTL							

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3	
SUSAP	KSFBK7FL27R	AGACNO	010GACNOK7EA0E	A	FC	PIE	K7	0676100635730046D	+	03000	18000210	0	NS	
SUSAP	KSFBK7FL27R	AGACNO	020UXFIMK7EA0EE	B	CF	IFNUK7		0949013235730020PI	+	03000		0	NS	
SUSAP	KSFBK7FL27R	ASMYRA	010SMYRAK7EA0E		IF						18000210	0	NS	
SUSAP	KSFBK7FL27R	ASMYRA	020VOFOSK7EA0E	A	TF				+	03000		0	NS	
SUSAP	KSFBK7FL27R	ASMYRA	030VOFOSK7EA0E		FC	PIE	K7	0618106119120032D	+	03000		0	NS	
SUSAP	KSFBK7FL27R	ASMYRA	040UXFIMK7EA0EE	B	CF	IFNUK7		0949013219120020PI	+	03000		0	NS	
SUSAP	KSFBK7FL27R	AUXFIM	010UXFIMK7EA0EE	AR	HF	IFNUK7		094901322749T010PI	+	03000	18000	0	NS	
SUSAP	KSFBK7FL27R	L	010UXFIMK7EA0E	I	IF	IFNUK7		09490132	PI	+	03000	18000	0	NS
SUSAP	KSFBK7FL27R	L	020UTIMYK7EA0E	F	CF	IFNUK7		0949006827500064PI	+	01600	ORL	K7D	0	NS
SUSAP	KSFBK7FL27R	L	021PESIYK7EA0E	S	CF	IFNUK7		0949003427500034PI	+	00480	-300	0	NS	
SUSAP	KSFBK7FL27R	L	030RW27RK7PG0GY	M	CF	IFNUK7		0949002027500014PI		00076	-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	

[illegible]FAA FORM 8260 - 10 / April 2006 (Computer Generated)

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - FAR PART 97.25

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SUSAP KSFBK7GRW27R 0110002749 N28465444W081131780+0200 -00185000310000451501IFNU1

	1	2	3	4	5	6	7	8	9	0	1	2	3
ILS	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KSFBK7IIFNU1 011015RW27RN28465422W0811534582749N28465036W0811329691170 10580332300W00504500026

	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

SUSAP KSFBK7SORL K7D 0 18018003025 MCITY AND STATE
ORLANDO, FLELEVATION: 55 THRE: 31
AIRPORT NAME:
ORLANDO SANFORD INTLFACILITY
IDENTIFIER:
I-FNUPROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
ILS OR LOC RWY 27R, AMDT 3
30 MAY 2013

SUP:

AMDT: 2

DATED: 09/20/2012

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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ARINC SUMMARY - 424-18 - LOC

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	GACNO	GACNO	010	IAF	FC		FB		357.3 ()	004.6	AA 03000	AB 210
	GACNO	UXFIM	020		CF		FB		357.3 ()	002.0	AA 03000	
	SMYRA	SMYRA	010		IF		FB					AB 210
	SMYRA	VOFOS	020	IAF	TF		FB				AA 03000	
	SMYRA	VOFOS	030		FC		FB		191.2 ()	003.2	AA 03000	
	SMYRA	UXFIM	040		CF		FB		191.2 ()	002.0	AA 03000	
	UXFIM	UXFIM	010	IAF	HF	R	FO		274.9 ()	T01.0	AA 03000	
		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 ()	003.4	AA 00480	
		RW27R	030	MAP	CF		FO		275.0 ()	001.4	AT 00076	

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
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	PIE	N275427.95	W0824103.51	N2754.466	W08241.059
	IFNU (DME)	N284651.00	W0811534.79	N2846.850	W08115.580
	GACNO	N284020.39	W0805931.44	N2840.340	W08059.524
	PAOLA	N284808.90	W0812135.76	N2848.148	W08121.596
	PESIY	N284654.58	W0811142.21	N2846.910	W08111.704
	SMYRA	N290019.48	W0805934.51	N2900.325	W08059.575
	UTIMY	N284654.83	W0810750.94	N2846.914	W08107.849
	UXFIM	N284655.04	W0810031.89	N2846.917	W08100.532
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RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW27R	00031	45

CITY AND STATE
ORLANDO, FL

ELEVATION: 55 THRE: 31
AIRPORT NAME:
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