US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33

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TERMINAL ROUTES

FROM	TO	COURSE AND DISTANCE	ALTITUDE
WORMS (IAF)	OXAGE (NOPT) (FB)	243.47 / 5.42	2600
OXAGE	MODIN (FB)	243.41 / 13.23	2000
SHIMM (IAF)	MODIN (NOPT) (FB)	124.95 / 15.02	2000
MODIN (IF/IAF)	JUZTN (FB)	154.20 / 4.70	1700
JUZTN (FAF)	RW15 (MAP) (FO)	154.22 / 4.79	
RW15 (MAP)	542 MSL	154.22	
542 MSL	MODIN (FO)		2000

MISSED APPROACH

LNAV: RW15

CLIMBING RIGHT TURN TO 2000 DIRECT MODIN AND HOLD.

ADDITIONAL FLIGHT DATA:
CHART FAS OBST: 431 TOWER 284340N/0813617W
CHART R-2910.
FAC ALIGNED STRAIGHT-IN TO RWY 15.
JUZTN TO RW15: 3.00/35
CHART LEESBURG INTL ASOS

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. HOLD NW MODIN, RT, 154.20 INBOUND, 2000 FT. IN LIEU OF PT (IAF)
3. FAC: 154.22 FAF: JUZTN DIST FAF TO MAP: 4.79 THLD: 4.79
4. MIN. ALT: MODIN 2000, JUZTN 1700
5. DIST TO THLD FROM OM: ____ MM: ____ IM: ____ 150 HAT: ____ 100 HAT: ____ GS ANT: ____
6. MIN GS INCPT: ____ GS ALT AT: ____ OM: ____ MM: ____ IM: ____
7. GS ANGLE: ____ TCH: 34:1 IS NOT CLEAR
8. MSA FROM: RW15 2800

MAG VAR: 6W EPOCH YEAR: 2015

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
CIRCLING	780	1	638	840	1	698		NA			NA				

NOTES:
CHART NOTE: DME/DME RNP-0.3 NA.
CHART NOTE: PROCEDURE NA AT NIGHT.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.
(SEE FORM 8260-10)

CITY AND STATE	ELEVATION: 142 TDZE: AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
APOPKA, FL	ORLANDO APOPKA	RNAV	RNAV (GPS)-A, ORIG 20 SEPTEMBER 2012	AMDT: NONE DATED

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NOTES, (CONT.):
CHART NOTE: USE LEESBURG INTL ALTIMETER SETTING; WHEN NOT RECEIVED, USE EXECUTIVE ALTIMETER SETTING.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT SHIMM ON V159 NORTHWEST BOUND.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT WORMS ON V267 NORTHBOUND.

CHART PLANVIEW NOTE: PROCEDURE ENTRY AT WORMS NA WHEN R-2910 IS ACTIVE.

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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 - 424-18 - RNAV (GPS)

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                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   JUZTN K70    W     N28464077W081375347                      W0058     NAR           JUZTN
        SUSAEAENRT   MODIN K70    W     N28504103W081404256                      W0058     NAR           MODIN
        SUSAEAENRT   OXAGE K70    W     N28575026W081280096                      W0059     NAR           OXAGE
        SUSAEAENRT   SHIMM K70    C   L N28575924W081554058                      W0056     NAR           SHIMM
        SUSAEAENRT   WORMS K70    C   B N29004555W081224863                      W0060     NAR           WORMS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP X04 K7AX04     0     039YHN28422691W081345507W006000142         1800018000C    MNAR    ORLANDO APOPKA

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP X04 K7FRNV-A AMODIN 010MODINK7EA0EE AR   HF                    15420040    + 02000     18000                B JC
        SUSAP X04 K7FRNV-A ASHIMM 010SHIMMK7EA0E  A    IF                                        18000                B JC
        SUSAP X04 K7FRNV-A ASHIMM 020MODINK7EA0EE B 010TF                    12500150    + 02000                          B JC
        SUSAP X04 K7FRNV-A AWORMS 010WORMSK7EA0E  A    IF                                        18000                B JC
        SUSAP X04 K7FRNV-A AWORMS 020OXAGEK7EA0E    010TF                    24350054    + 02600                          B JC
        SUSAP X04 K7FRNV-A AWORMS 030MODINK7EA0EE B 010TF                    24340132    + 02000                          B JC
        SUSAP X04 K7FRNV-A R      010MODINK7EA0E  I    IF                               + 02000     18000                B JC
        SUSAP X04 K7FRNV-A R      020JUZTNK7EA0E  F 051TF                    15420047    + 01700                 RW15  K7PGB JC
        SUSAP X04 K7FRNV-A R      030RW15 K7PG0GY M 031TF                    15420048      00174             -300         B JC
        SUSAP X04 K7FRNV-A R      040         0  M     CA                    1542        + 00542                          B JC
        SUSAP X04 K7FRNV-A R      050MODINK7EA0EY  R   DF                               + 02000                          B JC
        SUSAP X04 K7FRNV-A R      060MODINK7EA0EE  R   HM                    15420040    + 02000                          B JC

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP X04 K7GRW15    0039871542 N28423575W081350128-0400    +0015000139094335060R

                 1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP X04 K7SRW15 K7PG               0   18018002825                                                                        M
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CITY AND STATE	ELEVATION: 142 TDZE:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
APOPKA, FL	AIRPORT NAME: **ORLANDO APOPKA**	**RNAV**	**RNAV (GPS)-A, ORIG** 20 SEPTEMBER 2012	AMDT: **NONE**
				DATED:

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MODIN	MODIN	010	IAF	HF	R	FO		154.2(148.2T)	004.0	AA 02000	
	SHIMM	SHIMM	010	IAF	IF		FB					
	SHIMM	MODIN	020		TF		FB	1.0	125.0(119.0T)	015.0	AA 02000	
	WORMS	WORMS	010	IAF	IF		FB					
	WORMS	OXAGE	020		TF		FB	1.0	243.5(237.5T)	005.4	AA 02600	
	WORMS	MODIN	030		TF		FB	1.0	243.4(237.4T)	013.2	AA 02000	
		MODIN	010	FACF	IF		FB				AA 02000	
		JUZTN	020	FAF	TF		FB	0.5	154.2(148.2T)	004.7	AA 01700	
		RW15	030	MAP	TF		FO	0.3	154.2(148.2T)	004.8	AT 00174	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		154.2(148.2T)		AA 00542	
	MODIN	050		DF	R	FO				AA 02000	
	MODIN	060		HM	R	FO		154.2(148.2T)	004.0	AA 02000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	JUZTN	N284640.77	W0813753.47	N2846.680	W08137.891
	MODIN	N285041.03	W0814042.56	N2850.684	W08140.709
	OXAGE	N285750.26	W0812800.96	N2857.838	W08128.016
	SHIMM	N285759.24	W0815540.58	N2857.987	W08155.676
	WORMS	N290045.55	W0812248.63	N2900.759	W08122.811
	RW15	N284235.75	W0813501.28	N2842.596	W08135.021

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW15	00139	35

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