Flight Procedure Tracking Form

Action:	Task Type:	Date Open:	Task #:	Request #:
FLIGHT CHECK	IAP	01/11/2010	2010011123450501001	20100111234505

Procedure:	Airport ID:	Airport:	Reimbursable #:
ILS OR LOC RWY 7 AMDT 23	KORL	EXECUTIVE	

City:	ST:	GPS #:	Estimated Chart Date:	FICO #:
ORLANDO	FL		09/20/2012	

Fac ID:	Fac. Type:	Specialist:
ORL	ILS	ROBERT COOK

Procedure Review

	Rec'd	Rel'd	Full Name	Comments
Lead:	01/25/2012	05/16/2012	DONALD SMITH	
QA:	05/16/2012	05/17/2012	STEVEN SZUKALA	
Liaison:	05/17/2012		Alfonso	MAGVAR

P3

MAG VAR

Procedure Comments:

Remark Type: INFORMATION

pg 3.F5

ORLANDO, FL EXECUTIVE (KORL) ILS OR LOC RWY 7, AMDT 23 ENROUTE-NO FC: 8.7.12 PUB: 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): BUVAY-INT, REV 1; CFFHX, ORIG; HENRY (OR) LOM-INT, REV 8; MSHEL-INT, ORIG; OVIDO-INT, REV 9; (INFO ONLY) ORLANDO (ORL) VTAC, REV 6.

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

ORLANDO, FLORIDA

LOC I-ORL	APP CRS	Rwy Idg	5704
109.9	073°	SHEE	106
		Apr Elev	113

ILS or LOC RWY 7

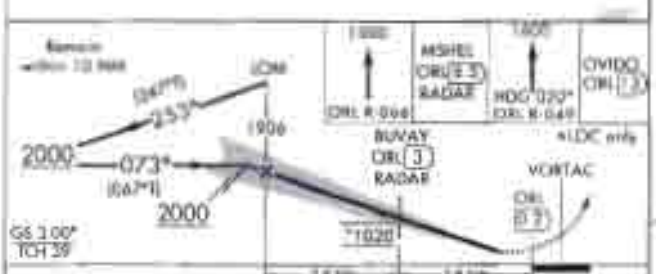
ORLANDO/ EXECUTIVE (ORL)

MALSR

MISSED APPROACH: Climb to 1500 on ORL VORTAC R-066 to MSHEL/ORL 6.5 DME/RADAR then climb to 1600 on heading 020° and on ORL VORTAC R-049 to OVIDO INT/ORL 13 DME and hold

ATIS	ORLANDO APP CON	EXECUTIVE TOWER ♦	GND CON	CLNC DEL	UNICOM
127.25	124.8 351.9	118.7 (CTAF) 239.0	121.4 239.0	128.45	122.95

PROTOTYPE-NOT FOR NAVIGATION



CATEGORY	A	B	C	D
S-ILS 7	** 306/24 200 (200-½)			
S-LOC 7	660/24 354 (600-½)		660/60 354 (600-1¼)	
CIRCLING	660-1 547 (600-1)		660-1¼ 547 (600-1¼)	860-2½ 747 (800-2½)

ELEV 113 | THRS 106

073° 5.6 NM from FAF

RES Rwys 12, 25 and 31
HIRL Rwys 7-25 and 13-31

FAF to MAP 5.6 NM

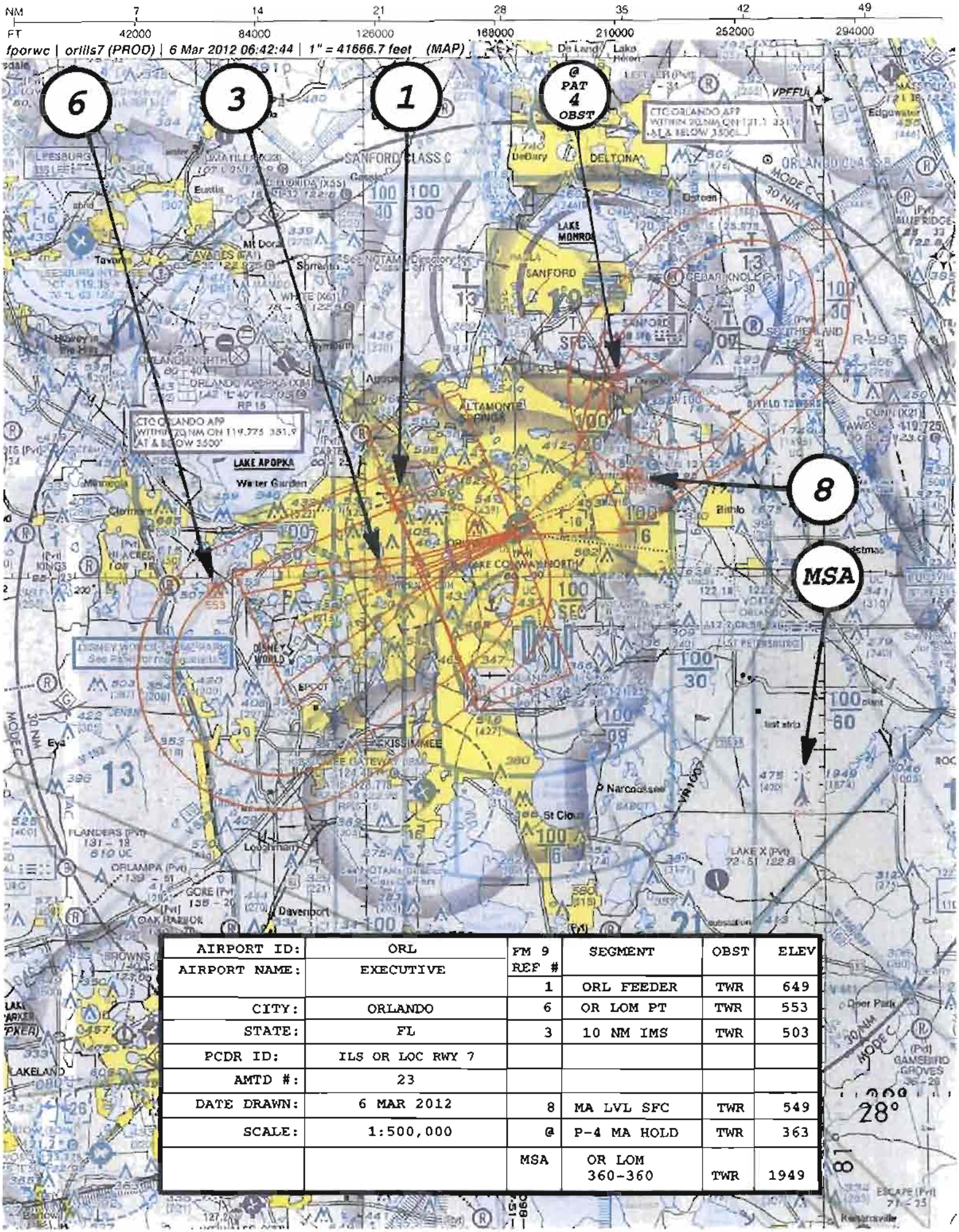
Knots	60	90	120	150	180
Min:Sec	5.36	3.44	2.48	2.14	1.52

ORLANDO, FLORIDA
Amdt 23

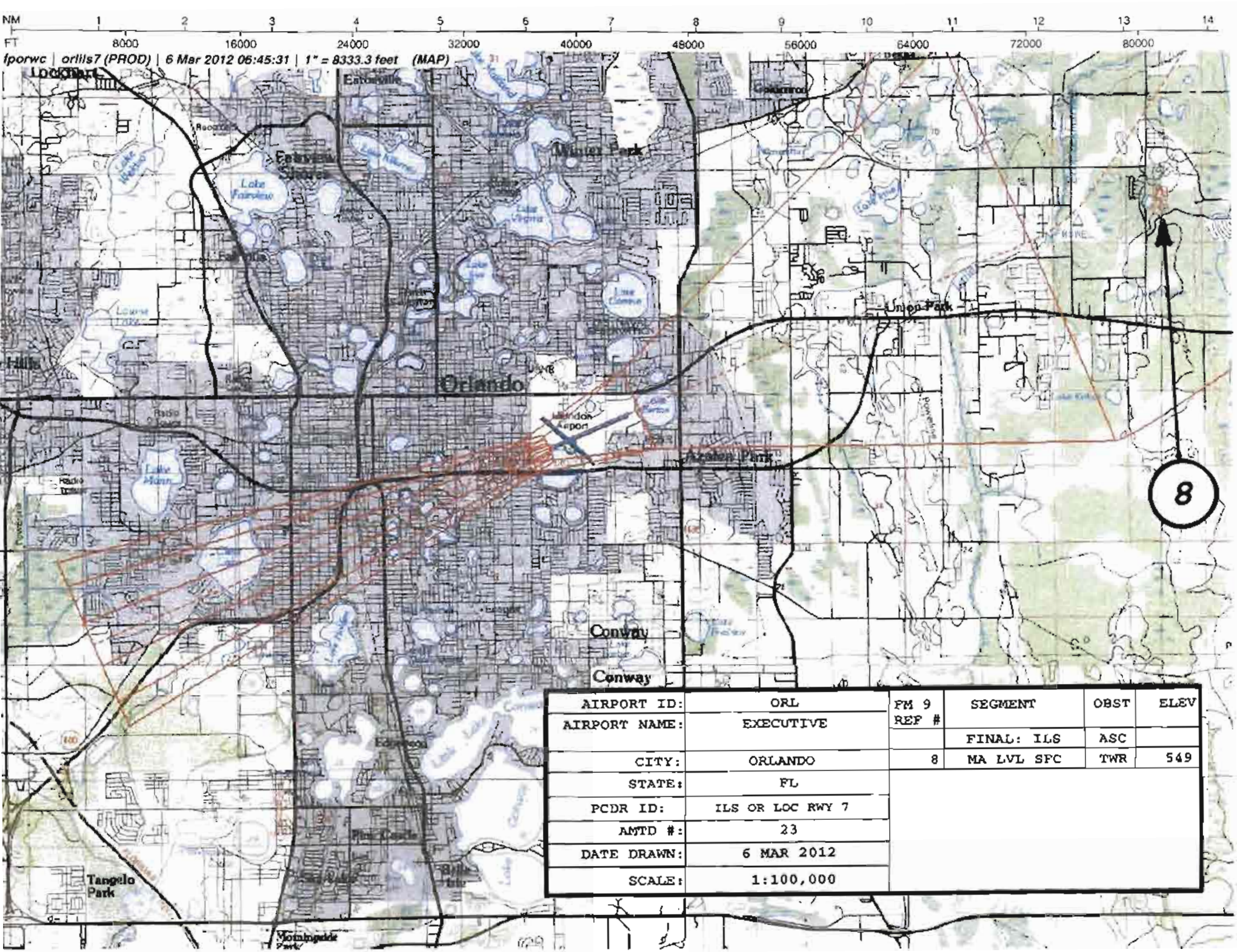
28°33'N-81°20'W

ORLANDO/ EXECUTIVE (ORL)

ILS or LOC RWY 7

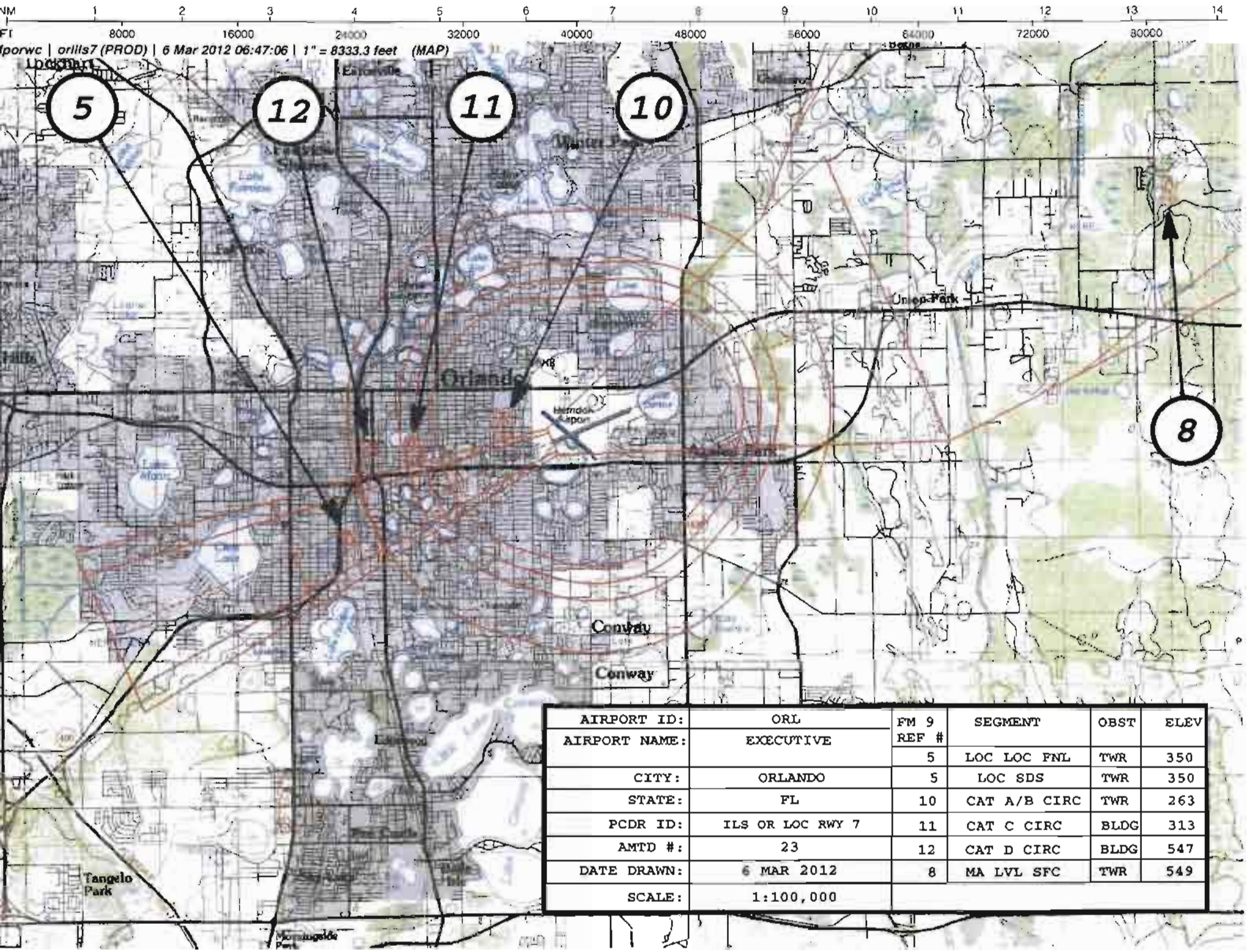


AIRPORT ID:	ORL	FM 9 REF #	SEGMENT	OBST	ELEV
AIRPORT NAME:	EXECUTIVE	1	ORL FEEDER	TWR	649
CITY:	ORLANDO	6	OR LOM PT	TWR	553
STATE:	FL	3	10 NM IMS	TWR	503
PCDR ID:	ILS OR LOC RWY 7				
AMTD #:	23				
DATE DRAWN:	6 MAR 2012	8	MA LVL SFC	TWR	549
SCALE:	1:500,000	@	P-4 MA HOLD	TWR	363
		MSA	OR LOM 360-360	TWR	1949



AIRPORT ID:	ORL
AIRPORT NAME:	EXECUTIVE
CITY:	ORLANDO
STATE:	FL
PCDR ID:	ILS OR LOC RWY 7
AMTD #:	23
DATE DRAWN:	6 MAR 2012
SCALE:	1:100,000

FM 9 REF #	SEGMENT	OBST	ELEV
	FINAL: ILS	ASC	
8	MA LVL SFC	TWR	549



AIRPORT ID:	ORL	FM 9 REF #	SEGMENT	OBST	ELEV
AIRPORT NAME:	EXECUTIVE	5	LOC LOC FNL	TWR	350
CITY:	ORLANDO	5	LOC SDS	TWR	350
STATE:	FL	10	CAT A/B CIRC	TWR	263
PCDR ID:	ILS OR LOC RWY 7	11	CAT C CIRC	BLDG	313
AMTD #:	23	12	CAT D CIRC	BLDG	547
DATE DRAWN:	6 MAR 2012	8	MA LVL SFC	TWR	549
SCALE:	1:100,000				

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
ORL VORTAC	HERNY LOM/ORL 5.65 DME	247.69 / 5.65	2000

MISSED APPROACH

ILS: DA
LOC: 5.45 MILES AFTER HERNY LOM OR AT ORL 0.22 DME FIX

CLIMB TO 1500 ON ORL VORTAC R-066 TO MSHEL/ORL 6.50 DME/RADAR THEN CLIMB TO 1600 ON HEADING 020 AND ON ORL VORTAC R-049 TO OVIDO INT/ORL 12.98 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD NE, RT, 229.00 INBOUND.
CHART FAS OBST: 350 TWR 283122N/0812303W
CHART ORLANDO INTL.
CHART MANDATORY 1500 AT MSHELL.
CHART MANDATORY 1020 AT BUVAY.
CHART: (CFFHX) AT 282752.12N/0813241.06W

1. PT L SIDE OF COURSE 252.70 OUTBOUND 2000 FT WITHIN 10 MILES OF HERNY LOM (IAF)
2.
3. FAC: 072.70 FAF: HERNY LOM/ORL 5.65 DME DIST FAF TO MAP: 5.45 THLD: 5.45
4. MIN. ALT: HERNY LOM 2000, BUVAY/ORL 3.01 DME/RADAR 1020*
5. DIST TO THLD FROM OM: 5.45 MM: - IM: - 150 HAT: - 100 HAT: - GS ANT: 1004
6. MIN GS INCPT: 2000 GS ALT AT: - OM: 1919 MM: - IM: -
7. GS ANGLE: 3.00 TCH: 38.7
8. MSA FROM: OR LOM 3000

MAG VAR: 6W EPOCH YEAR: 2015

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 7**	306	2400	200	306	2400	200	306	2400	200	306	2400	200			
S-LOC 7	660	2400	554	660	2400	554	660	6000	554	660	6000	554			
CIRCLING	660	1	547	660	1	547	660	1 5/8	547	860	2 1/2	747			

NOTES:
CHART NOTE: DME OR RADAR REQUIRED.
*LOC ONLY
CHART NOTE: IN MINIMUM VISIBILITY CONDITIONS, BRIGHT LIGHTS ON HIGHWAY 1/2 MILE SOUTH OF AIRPORT MAY BE MISTAKEN FOR RUNWAY LIGHTS.
(SEE FORM 8260-10)

CAT D 800-2 1/2
@ CAT D 800-2 1/2
#@ NA WHEN CONTROL TOWER CLOSED.

CITY AND STATE	ELEVATION: 113 THRE: 106	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	AMDT: 22B
				DATED 04/10/2008

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]	[X]	[X]	[X] ZJX, MCO APP CON, ORL ATCT, ORL AMGR

FLIGHT CHECKED BY

NAME:	FIFO	DATE:
THOMAS MURRY HAUSMANN	FIOG	09/13/2012

DEVELOPED BY

NAME:	FIFO	DATE:
ROBERT W. COOK	AJV-352	02/23/2012

APPROVED BY

NAME		FIFO	DATE:
DARRYEL ADAMS	MANAGER	AJV-352	

CHANGES:

1. ALL TERMINAL ROUTE COURSES AND DISTACES.
2. LOWER BUVAY STEPDOWN FIX ALTITUDE TO AT OR BELOW 1040.
3. MISSED APPROACH FROM: NOTE: A DESCENT TO 1200 MAY BE REQUIRED WHEN EXCUTING AN EARLY MISSED APPROACH. MISSED APPROACH: CLIMB TO 1200 MAXIMUM ALTITUDE VIA I-ORL E CRS TO SOTCO/ORL 1.5 DME/RADAR THEN CLIMB LEFT TURN TO 1500 VIA ORL R-049 TO OVIDO INT/ORL 13 DME AND HOLD.

TO: CLIMB TO 1500 ON ORL VORTAC R-066 TO MSHEL/ORL 6.50 DME/RADAR, THEN CLIMB TO 1600 ON HEADING 020.00 AND ORL VORTAC R-049 TO OVIDO INT/ORL 12.98 DME/ AND HOLD.

4. LOWER S-ILS 7 DA 3 FEET.
5. RAISED S-LOC 7 HAT FROM 551 TO 554.
6. INCREASE S-LOC 7 CATS C/D VISIBILITY TO RVR 6000.
7. ADDED NOTE: WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT.
8. ADDED (CFFHX) FAFC.

SEE 8260-10

REASONS:

1. NEW SURVEY DATA FOR KORL AND I-ORL. KORL, I-ORL AND HERNY LOM MAR VAR UPDATED TO 6W EPOCH 2015.
2. OPTIMIZE LOC ONLY DESCENT ANGLE AND TO MAINTAIN CURRENT PUBLISHED MINIMUMS.
3. AFS-400 WAIVER DISAPPROVAL LETTER DATED 11/28/2011, INSTALLATION OF NEW I-EXO FOR RWY 25 AND ATC REQUEST.
4, 5. VALUE BASED ON THLD ELEV VS. TDZE. HAT DID NOT CHANGE.
6. TERPS 8260.3B CNG 20, TABLE 3-5A.
7, 8. CRITERIA.
9. PER PENDING AVNIS DATA.

PDF EDIT: ADDED ** NEXT TO S-ILS 7.

10/1/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 2/23/12.
1. CHANGED ALL REFERENCE FOR HERNY LOM ORL DME DISTANCE FROM 5.79 DME TO 5.65 DME.
2. CHANGED LOC MISSED APPROACH POINT FROM 5.58 MILES AFTER HERNY LOM OR AT ORL 0.22 DME FIX TO 5.45 MILES AFTER HERNY LOM OR AT ORL 0.22 DME FIX.
3. CHANGED LINE 3 DIST FAF TO MAP/THLD FROM 5.58 TO 5.45.

SEE 8260-10

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29

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NOTES, (CONT.):

CHART NOTE: ** RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

CHART NOTE: WHEN VGSI INOP, CIRCLING RWY 31 NA AT NIGHT.

QUALITY CHECKED

CITY AND STATE	ELEVATION: 113 THRE: 106	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **EXECUTIVE**	**I-ORL**	**ILS OR LOC RWY 7, AMDT 23**	AMDT: **22B**
				DATED: **04/10/2008**

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:

REASONS CONT.
4. CHANGED LINE 5 DISTANCE FROM OM FROM 5.88 TO 5.45.
5. CHANGED LINE 6 OM ALTITUDE FROM 1906 TO 1919.
6. CHANGED TERMINAL ROUTE ORL VORTAC COURSE/DISTANCE FROM 248.25/5.79 TO 247.69/5.65.
7. TO CHANGES ADDED #9 AMENDED GS ALTITUDE AT HERNY LOM FROM 1906 TO 1919.
8. TO REASONS ADDED PER PENDING AVNIS DATA.
9. CHANGED LOCATION OF ** FROM DH COLUMNS TO NEXT TO S-ILS 7.
10. CHANGED ALL REFERENCE TO HERNY LOM ON CENTERLINE COORDINATES FROM 283021.26N/0812610.47W TO 283024.47N/0812602.05W.
11. ADDED STATEMENT IN REASONS PDF EDIT: ADDED ** NEXT TO S-ILS 7.
12. ADDED TO REASONS 10/2/12: MISSION CONTROL TEAM CONCURS NO FLIGHT CHECK REQUIRED FOR THESE CHANGES.

10/2/12: MISSION CONTROL TEAM CONCURS NO FLIGHT CHECK REQUIRED FOR THESE CHANGES .

QUALITY CHECKED

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ARINC PACKET - 424-18 - ILS

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSADB       OR    K7002210HOLW N28302464W081260213                      W0060           NARHERNY

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   CFFHX K70    W     N28275212W081324106                    W0058     NAR           CNF(CFFHX)
        SUSAEAENRT   HERNY K70    R     N28302447W081260205                    W0059     NAR           HERNY LOM
        SUSAEAENRT   MSHEL K70    C     N28351352W081132178                    W0060     NAR           MSHEL
        SUSAEAENRT   OVIDO K70    C   B N28410545W081085800                    W0061     NAR           OVIDO

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7AORL     0     060YHN28324370W081195850W006000113         1800018000C    MNAR    EXECUTIVE

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7FI07   AORL   010ORL  K7D 0V       IF                                          18000                0 NS
        SUSAP KORLK7FI07   AORL   020HERNYK7EA0E       TF                                  + 02000                      0 NS
        SUSAP KORLK7FI07   AORL   030HERNYK7EA0EE AR    PI IORLK7      25270065207701O0PI   + 02000                      0 NS
        SUSAP KORLK7FI07   I      010CFFHXK7EA0E  I     IF IORLK7      25270129        PI   J 020000200018000            0 NS
        SUSAP KORLK7FI07   I      020HERNYK7EA0E  F     CF IORLK7      25270065073000 64PI  H 0200001919        -300OR   K7DB0 NS
        SUSAP KORLK7FI07   I      030RW07 K7PG0GY M     CF IORLK7      25270011073000 55PI    00144             -300         0 NS
        SUSAP KORLK7FI07   I      040MSHELK7EA0E M      CF ORL K7      0659006506590070D      01500                          0 NS
        SUSAP KORLK7FI07   I      050         0         VI                      0200                                        0 NS
        SUSAP KORLK7FI07   I      060OVIDOK7EA0EY       CF ORL K7      0490013004900030D    + 01600                      0 NS
        SUSAP KORLK7FI07   I      070OVIDOK7EA0EE  R    HM                      2290T010     + 01600                      0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7GRW07    0060040727 N28323418W081202139+0100    +0004500106000039150IIORL1

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7IIORL1   010990RW07 N28330004W0811913380727N28323448W0812009270599 10040600300W00603900102

                1         2         3         4         5         6         7         8         9         0         1         2
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QUALITY CHECKED

CITY AND STATE	ELEVATION: 113 THRE: 106	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **EXECUTIVE**	**I-ORL**	**ILS OR LOC RWY 7, AMDT 23**	AMDT: **22B**
				DATED: **04/10/2008**

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:

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```
MSA     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7SOR   K7DB              0   18018003025                                                                  M
```

QUALITY CHECKED 4

CITY AND STATE	ELEVATION: 113 THRE: 106 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	AMDT: 22B
				DATED: 04/10/2008

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:

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
	ORL	ORL	010		IF		FB					
	ORL	HERNY	020		TF		FB				AA 02000	
	ORL	HERNY	030	IAF	PI	R	FB		207.7()	010.0	AA 02000	
		CFFHX	010	FACF	IF		FB				AA 02000 GI 02000	
		HERNY	020	FAF	CF		FB		073.0()	006.4	GI 02000 GS 01919	
		RW07	030	MAP	CF		FO		073.0()	005.5	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MSHEL	040		CF		FB		065.9()	007.0	AT 01500	
		050		VI		FB		020.0()			
	OVIDO	060		CF		FO		049.0()	003.0	AA 01600	
	OVIDO	070		HM	R	FO		229.0()	T01.0	AA 01600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	OR	N283024.64	W0812602.13	N2830.411	W08126.036
	CFFHX	N282752.12	W0813241.06	N2827.869	W08132.684
	HERNY	N283024.47	W0812602.05	N2830.408	W08126.034
	MSHEL	N283513.52	W0811321.78	N2835.225	W08113.363
	OVIDO	N284105.45	W0810858.00	N2841.091	W08108.967
	RW07	N283234.18	W0812021.39	N2832.570	W08120.357
	IORL (LOC)	N283300.04	W0811913.38	N2833.001	W08119.223

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00106	39

CITY AND STATE	ELEVATION: 113 THRE: 106 / AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:	
ORLANDO, FL	EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	AMDT:	22B
				DATED:	04/10/2008

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

LOC STANDARD INSTRUMENT APPROACH PROCEDURE

FLIGHT STANDARDS SERVICES - **FAR PART 97.25**

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ARINC PACKET - 424-18 - LOC

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSADB       OR    K7002210HOLW N28302464W081260213                      W0060          NARHERNY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   BUVAY K70    C     N28312739W081231680                    W0059     NAR          BUVAY
        SUSAEAENRT   CFFHX K70    W     N28275212W081324106                    W0058     NAR          CNF(CFFHX)
        SUSAEAENRT   HERNY K70    R     N28302447W081260205                    W0059     NAR          HERNY LOM
        SUSAEAENRT   MSHEL K70    C     N28351352W081132178                    W0060     NAR          MSHEL
        SUSAEAENRT   OVIDO K70    C   B N28410545W081085800                    W0061     NAR          OVIDO

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7AORL     0     060YHN28324370W081195850W006000113         1800018000C    MNAR    EXECUTIVE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7FL07   AORL   010ORL  K7D 0V       IF                                          18000                 0 NS
        SUSAP KORLK7FL07   AORL   020HERNYK7EA0E       TF                                + 02000                     0 NS
        SUSAP KORLK7FL07   AORL   030HERNYK7EA0EE AR    PI IORLK7      2527006520770100PI  + 02000                     0 NS
        SUSAP KORLK7FL07   L      010CFFHXK7EA0E  I     IF IORLK7      25270129        PI  + 02000     18000           0 NS
        SUSAP KORLK7FL07   L      020HERNYK7EA0E  F     CF IORLK7      2527006507300064PI  + 02000                OR   K7DB0 NS
        SUSAP KORLK7FL07   L      021BUVAYK7EA0E S      CF IORLK7      2527003907300026PI    01020          -314        0 NS
        SUSAP KORLK7FL07   L      030RW07 K7PG0GY M     CF IORLK7      2527001107300028PI    00144          -314        0 NS
        SUSAP KORLK7FL07   L      040MSHELK7EA0E M      CF ORL K7      0659006506590070D     01500                      0 NS
        SUSAP KORLK7FL07   L      050         0         VI                     0200                                     0 NS
        SUSAP KORLK7FL07   L      060OVIDOK7EA0EY       CF ORL K7      0490013004900030D   + 01600                     0 NS
        SUSAP KORLK7FL07   L      070OVIDOK7EA0EE  R    HM                     2290T010    + 01600                     0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7GRW07    0060040727 N28323418W081202139+0100     +000450010600003915OIIORL1

                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7IIORL1   010990RW07 N28330004W0811913380727N28323448W0812009270599 10040600300W00603900102
```

CITY AND STATE	ELEVATION: 113 THRE: 106	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	AMDT: 22B
				DATED: 04/10/2008

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.

```
                1         2         3         4         5         6         7         8         9         0         1         2         3
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KORLK7SOR   K7DB                0   18018003025                                                                        M
```

QUALITY CHECKED

CITY AND STATE	ELEVATION: 113 THRE: 106	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	AMDT: 22B
				DATED: 04/10/2008

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

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 SUMMARY - 424-18 - LOC

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	ORL	ORL	010		IF		FB					
	ORL	HERNY	020		TF		FB				AA 02000	
	ORL	HERNY	030	IAF	PI	R	FB		207.7()	010.0	AA 02000	
		CFFHX	010	FACF	IF		FB				AA 02000	
		HERNY	020	FAF	CF		FB		073.0()	006.4	AA 02000	
		BUVAY	021	SDF	CF		FB		073.0()	002.6	AT 01020	
		RW07	030	MAP	CF		FO		073.0()	002.8	AT 00144	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	MSHEL	040		CF		FB		065.9()	007.0	AT 01500	
		050		VI		FB		020.0()			
	OVIDO	060		CF		FO		049.0()	003.0	AA 01600	
	OVIDO	070		HM	R	FO		229.0()	T01.0	AA 01600	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	OR	N283024.64	W0812602.13	N2830.411	W08126.036
	BUVAY	N283127.39	W0812316.80	N2831.457	W08123.280
	CFFHX	N282752.12	W0813241.06	N2827.869	W08132.684
	HERNY	N283024.47	W0812602.05	N2830.408	W08126.034
	MSHEL	N283513.52	W0811321.78	N2835.225	W08113.363
	OVIDO	N284105.45	W0810858.00	N2841.091	W08108.967
	RW07	N283234.18	W0812021.39	N2832.570	W08120.357
	IORL (LOC)	N283300.04	W0811913.38	N2833.001	W08119.223

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW07	00106	39

CITY AND STATE	ELEVATION: 113 THRE: 106	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	AMDT: 22B
				DATED: 04/10/2008

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:

STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

PART - A OBSTRUCTION DATA

1. APP SEGMENT	FROM	TO	OBSTRUCTION	COORDINATES	ELEV. MSL	ROC	ALT. ADJUSTMENTS	MIN. ALT.
FEEDER	ORL VORTAC	HERNY LOM/ORL	1. TWR (12-000346)	283428.00N/0812745.00W	649 (5D)	1000	AT351	2000
		5.65 DME	2. TERRAIN	283137.05N/0811948.16W	125 (100)		AS1500	1600
INTERMEDIATE: PT	10 NM	HERNY LOM/ORL	3. TWR (12-000616)	282952.00N/0812847.00W	503 (5D)	500	DG997	2000
		5.65 DME	4. TERRAIN	282900.00N/0812947.00W	175 (200)		AS1500	1700
FINAL: ILS	GS INTCP	RW07				ASC		306/200
FINAL: LOC	HERNY LOM/ 5.65	BUVAY/ORL 3.01	5. TWR (12-003680)	283122.00N/0812303.00W	350 (5D)	250	AC50 DG370	1020
	DME	DME/RADAR						
FINAL: LOC STEPDOWN	BUVAY/ORL 3.01	5.45 MILES AFTER	5. TWR (12-003680)	283122.00N/0812303.00W	350 (5D)	250	AC50	660
	DME/RADAR	HERNY LOM OR AT						
		ORL 0.22 DME						
		FIX						
2. PROCEDURE TURN	HERNY LOM	10 NM	6. TWR (12-020075)	282854.65N/0813942.82W	553 (5D)	1000	AT447	2000
			7. TERRAIN	283041.91N/0813007.96W	181 (200)		AS1500	1700
3. MISSED APPROACH MAP:	DA / 5.45 MILES	OVIDO INT/ORL				ASC		1600
	AFTER HERNY LOM	12.98 DME	8. TWR (12-004723)	283528.00N/0811216.00W	549 (5D)	1000		1600
ELEV:	141/410		9. TERRAIN	283501.00N/0811220.00W	95 (100)		AS1500	1600

4. CIRCLING AREA	DISTANCE	REQUIRED HT. ABV. ARPT.	ACTUAL HT. ABV. ARPT.
CATEGORY A	1.3 NM	350	547
CATEGORY B	1.5 NM	450	547
CATEGORY C	1.7 NM	450	547
CATEGORY D	2.3 NM	550	747
CATEGORY E	4.5 NM	550	

10. TWR (12-002522)	283244.58N/0812100.30W	263 (1C)	300	SI	660
10. TWR (12-002522)	283244.58N/0812100.30W	263 (1C)	300	SI	660
11. BLDG (KORLT0016)	283227.48N/0812212.87W	313 (2C)	300	SI	660
12. BLDG (12-002437)	283224.00N/0812247.00W	547 (1A)	300		860

5. MINIMUM SAFE ALTITUDES — PRIMARY NAVAID: OR LOM

SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A	SECTOR	OBSTRUCTION	BRG/DIST	ELEVATION (MSL)	M S A
360-360	TWR (12-004140)	127/ 25.8	1949 (2C)	3000					

CITY AND STATE		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ORLANDO, FL	ELEVATION: 113 AIRPORT NAME: EXECUTIVE	I-ORL	ILS OR LOC RWY 7, AMDT 23	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE		3. ALTIMETER SETTING
MCO APP CON ORL TOWER	N W S	OTHER: ASOS	SOURCE: KORL / KMCO
	F A A		DISTANCE: 0 / 7.06
	A / C		HOURS REMOTE OPERATION: 0 / 24
SATISFACTORY ON:			
X V H F X U H F H F	LOCATION:		ADJUSTMENT: 0 / 0

4. MONITOR STATUS

PRIMARY NAVAID:	I-ORL
MONITOR POINT:	KORL ATCT
HRS OPTN: CAT 1	&&
HRS OPTN: CAT 3	##

5. APPROACH & RUNWAY LIGHTING

	ALS
	(S) SALS
X	MALSR 07 (PCL)
X	HIRL 31 (PCL), 13 (PCL), 25 (PCL), 07 (PCL)
	MIRL
X	REIL 31 (PCL), 13 (PCL), 25 (PCL)
	TDZ
	C/LINE
X	OTHER (SPECIFY) PAPI-4R 25 PAPI-2L 31 (PCL), 13 (PCL), 07 (PCL)

6. RUNWAY MARKINGS

BASIC	BSC-G 31, 13
ALL WEATHER	PIR-F 25, 07
INSTRUMENT	

7. RUNWAY VISUAL RANGE

APPROACH	07
MIDFIELD	
ROLL OUT	

8. GLIDE PATH

GP ANGLE: 3.00	ELEV RWY THRESHOLD: 105.5
DISTANCE FROM RWY: 1004	ELEV GP ANTENNA: 104.4
	THRESHOLD CROSSING HEIGHT: 38.7

9. FINAL APPROACH COURSE AIMING

X	RUNWAY THRESHOLD	FT. FROM THRESHOLD
X	ON CENTERLINE	FT. FROM CENTERLINE

10. WAIVERS: NONE

PART D - PREPARED BY: ROBERT W. COOK	DATE: 02/23/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

SEE ATTACHED AIRSPACE LETTER.

FLIGHT CHECK RDH 39.0 FT, (ORDER 8260.3B CHG 19).

FINAL LOC SEGMENT: BUVAY/ORL 3.01/RADAR AND SOTCO/ORL 2.80 DME/RADAR ESTABLISHED AS ATC FIXES FOR VERTICAL SEPERATION BETWEEN KORL AND KMCO SIAPS.

OC OBSTRUCTIONS LISTED BELOW HAVE BEEN REMOVED, VERIFIED BY EST FPT ON 02/12/2002.
KORL0004 113 MSL TREE
KORL0005 114 MSL TREE
KORL0008 150 MSL TREE
KORL0012 160 MSL TREE
KORL0006 118 MSL LIGHT (LOWERED)

TERPS, VOLUME 1, "VISUAL PORTION OF FINAL" PENETRATIONS:

20:1 PENETRATIONS RWY 31:
169 MSL TREE KORLT0219 4.30
167 MSL TREE KORLT0221 2.60

KORL, I-ORL AND HERNY LOM MAG VAR UPDATED TO 6W EPOCH YEAR 2015.

SOTCO REPLACED WITH MSHELL, FIX MOVED MORE THAN ONE MILE.

8260-19E CHG 1, PARA 2-74 B(3)(A) NOTE APPLIED TO ALL AAO OBSTACLES AND ALL APPROACH SEGMENT AIRSPACE EVALUATIONS.

7 1/2 MINUTE QUADS AND OE/AAA PROGRAM USED TO VERIFY ALL TERRAIN AND AAO OBSTACLE ELEVATIONS TO A 2C ACCURACY CODE.

VGSI ANGLE/TCH DATA: RWY 07: 3.00/40',
RWY 25: 3.00/46'. RWY 14: 3.00/28', RWY 32: 3.00/28'.

&& WHEN ORL ATCT OPEN. ## WHEN ORL ATCT CLOSED, SEE AF/D.

ORL VORTAC MONITOR LOCATION: AOCC.

ALTERNATE MISSED APPROACH TO HERNY LOM NOT DEVELOPED, ATC REQUEST. NO OTHER SUITABLE OMNI FACILITY AVAILABLE TO USE THAT WOULD NOT CONFLICT WITH ORL INTL TRAFFIC.

BACKUP ALTIMETER NOT REQUIRED. REDUNDANT WEATHER SOURCES ON AIRFIELD.

RADIO FIX AND HOLDING DATA RECORD

NAME: BUVAY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 283127.39N/0812316.80W **TYPE:** WP, RADAR, 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-ORL	LOC		252.70	246.70		3.89		920	4600
2	ORLANDO	ORL	VORTAC	H			3.01	3.01		920	4600

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

REMARKS:
ORLANDO (FAC 2) AND ORLANDO (FAC 1) USED TO ESTABLISH FIX COORDINATES
FIX REMAINS A RADAR FIX, ATC REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1, 2		KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
1. DELETE FAC 3 AND 4. NOT REQUIRED FOR DOCUMENTATION.
2. FIX USE TO NEW FORMAT.
3. LOWER FAC 1 AND 2 MRA TO 920.
4. TRUE AND MAG COURSES. NEW SURVEY DATA AND FACILITY MAG VAR UPDATE.
5. RAISED FAC 1 AND 2 MAA FROM 4500 TO 4600.
6. ADDED DIST FROM FAC 1 AND 2.

DEVELOPED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-352 **NAME:** ROBERT COOK

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

SIGNATURE:

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

QUALITY 9 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CFFHX **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 282752.12N/0813241.06W **TYPE:** CNF

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

DEVELOPED BY: **DATE:** 05/10/2012 **OFFICE:** AJV-352 **NAME:** ROBERT COOK

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HERNY LOM **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 283024.47N/0812602.05W **TYPE:** 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	HERNY	OR	LOM								17500
2	ORLANDO	I-ORL	LOC		252.70	246.70		6.53	39695	2000	4600
3	ORLANDO	ORL	VORTAC	H			5.65	5.65		2000	4600

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	W	OR	LOM	255.70	075.70	R	1		2000	5000	4	5
2	W	OR	LOM	249.70	069.70	R	1		3000	5000	4	5

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	BLDG (12-002437)	283224.00N/0812247.00W	547	1A
2	200	BLDG (12-002437)	283224.00N/0812247.00W	547	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
COORDINATES REFLECT LOCATION ON LOC/AZ CENTERLINE ABEAM THE HERNY LOM.
ACTUAL FACILITY LOCATION IS 283024.64N/0812602.13W.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36R	1	2	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT II)	1	2	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT III)	1	2	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 7	1, 2, 3		KORL	ORLANDO	FL (US)
IAP	LOC RWY 25	1	1	KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 11/15/2012

REASON FOR REVISION:
1. UPDATE I-ORL, ORL LOM AND KORL MAG VAR TO 6W 2015.
2. DELETE WP AND INT FROM FIX TYPE.
3. CHANGED FAC 2 MAG BRG FROM 249.70 TO 252.70.
4. ADDED PAT 1 MOVED PAT 1 TO PAT 2.
5. CHANGED PAT 2 MIN HOLDING TO 3000.
6. RAISED FAC 2/3 MRA/MAA FROM 1900/4500 TO 2000/4600.
7. FIX USE.
8. CHANGED FAC 2 DIST FROM FAC NM/FEET FROM 6.67/40514 TO 6.53/39695.
9. CHANGED FAC 3 DME/DIST FROM FAC NM FROM 5.79/5.79 TO 5.65/5.65.
10. CHANGED REMARK ACTUAL FACILITY LOCATION LONG FROM .12W TO .13W
11. CHANGED HOLDING TYPE OF ACTION FROM NO CHANGE TO MODITY.
12. CHANGED LAT/LONG FROM 283021.26N/0812610.47W TO 293024.47N/0812602.05W.

PDF EDIT: REMARK ACTUAL FACILITY LOCATION LONG FROM 0.12W TO .13W.

9/28/30: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 2/23/12.
1. CHANGED LAT/LONG FROM 283021.26N/0812610.47W TO 283024.47N/0812602.05W.
2. CHANGED FAC 2 DIST FROM FAC NM/FEET FROM 6.67/40514 TO 6.53/39695.
3. CHANGED FAC 3 DME/DIST FROM FAC NM FROM 5.79/5.79 TO 5.65/5.65.
4. CHANGED REMARK ACTUAL FACILITY LOCATION LONG FROM .12W TO .13W
5. CHANGED HOLDING TYPE OF ACTION FROM NO CHANGE TO MODIFY.
6. CHANGED REASON #3 FROM "CHANGED FAC 2 BRG FROM 252.71 TO 252.70" TO "CHANGED FAC 2 MAG BRG FROM 249.70 TO 252.70."
7. ADDED REASONS 8-12.
8. ADDED REASON NOTE "PDF EDIT: REMARK ACTUAL FACILITY LOCATION LONG FROM 0.12W TO .13W."

DEVELOPED BY: **DATE:** 02/23/2012 **OFFICE:** AJV-352 **NAME:** ROBERT COOK

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

QUALITY 4 CHECKED

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MSHEL **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 283513.52N/0811321.78W **TYPE:** WP, RADAR, 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	ORL	VORTAC	H	065.87	065.87	6.50	6.50		1500	1500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1		KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 07/26/2012

DEVELOPED BY: **DATE:** 03/05/2012 **OFFICE:** AJV-352 **NAME:** ROBERT COOK

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: OVIDO **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 284105.45N/0810858.00W **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	TREASURE	TRV	VORTAC	H	337.01	330.01	69.64	69.64		4000	45000
2	ORLANDO	ORL	VORTAC	H	049.00	049.00	12.98	12.98		1500	45000
3	ORMOND BEACH	OMN	VORTAC	H	183.00	183.00	37.06	37.06		2000	45000
4	MELBOURNE	MLB	VOR/DME	L	329.01	322.01	44.08	44.08		3000	17500
5	SANFORD	SFB	NDB	MH	145.39	140.39		7.77		1500	5000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLB	VOR/DME	R-329	45	2700	17500
TRV	VORTAC	R-337	70	4000	14500

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	NE	ORL	VORTAC	049.00	229.00	R	1		1600	6000	5	7
2	NE		WP	055.00	235.00	R		4	1600	6000	4	6
3	N	OMN	VORTAC	183.00	183.00	R	1		2000	6000	5	7

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-001695)	284114.00N/0811324.00W	363	5D
2	200	TOWER (12-001695)	284114.00N/0811324.00W	363	5D
3	200	TOWER (12-001006)	283609.00N/0810536.00W	1674	5D

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
ORMOND BEACH (FAC 3) AND ORLANDO (FAC 2) USED TO ESTABLISH FIX COORDINATES
FAC MLB AND SFB LOW ONLY.
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.
PAT 3: CONTROLLING OBSTACLE LOCATED 1.64 NM INTO SECONDARY AREA. SECONDARY ROC REDUCTION 874'.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J45	1, 2, 3				(US)
EN ROUTE	V437	2, 4				(US)
EN ROUTE	V51	1, 2, 3				(US)
EN ROUTE	V533	2, 3				(US)
IAP	RNAV (GPS) RWY 2			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	ILS OR LOC RWY 35L	2, 3, 5	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (CAT II)	2, 3, 5	1	KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L (CAT III)	2, 3, 5	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 7	2, 5	1	KORL	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 7		2	KORL	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9R	3	3	KSFB	ORLANDO	FL (US)
IAP	RNAV (GPS) Y RWY 18			KTIX	TITUSVILLE	FL (US)
IAP	RNAV (GPS) Y RWY 9			KTIX	TITUSVILLE	FL (US)
IAP	RNAV (GPS) Z RWY 9			KTIX	TITUSVILLE	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CHANGED FAC 1 FROM VRB VORTAC AND REPLACED WITH TRV VORTAC (FAC NAME/MAG VAR CHANGE).
CHANGED FAC 1 MAG BRG FROM 334.01 TO 337.01.
CHANGED FAC 4 MAG BRG FROM 324.01 TO 329.01.
CHANGED MLB ESV RADIAL FROM 324 TO 329.
CHANGED VRB VORTAC ESV TO TRV VORTAC (FAC NAME CHANGE) AND AMENDED RADIAL FROM 334 TO 337.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 04/05/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

QUALITY CHECKED

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

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ORLANDO VORTAC **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 283233.81N/0812006.07W **TYPE:**

Information

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							45000

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	N	ORL	VORTAC	354.00	174.00	R	1		2000	10000	4	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (12-000346)	283428.00N/0812745.00W	649	5D
1	200	TOWER (12-001005)	283621.17N/0812504.34W	595	3C

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 1700.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	LAMMA			KDAB	DAYTONA BEACH	FL (US)
DP	ROYES			KDAB	DAYTONA BEACH	FL (US)
DP	CSHEL (RNAV)			KFMY	FORT MYERS	FL (US)
DP	ALICO			KRSW	FORT MYERS	FL (US)
DP	CSHEL (RNAV)			KRSW	FORT MYERS	FL (US)
DP	SCUBY			KRSW	FORT MYERS	FL (US)
DP	JACKSONVILLE			KJAX	JACKSONVILLE	FL (US)
DP	CSHEL (RNAV)			KMKY	MARCO ISLAND	FL (US)
DP	MELBOURNE			KMLB	MELBOURNE	FL (US)
DP	CSHEL (RNAV)			KAPF	NAPLES	FL (US)
DP	NAPLES			KAPF	NAPLES	FL (US)
DP	CITRUS			KMCO	ORLANDO	FL (US)
DP	JAGUAR			KMCO	ORLANDO	FL (US)
DP	MCCOY			KMCO	ORLANDO	FL (US)
DP	ORLANDO			KMCO	ORLANDO	FL (US)
DP	SANFORD			KSFB	ORLANDO	FL (US)
DP	SARASOTA			KSRQ	SARASOTA/BRADENTON	FL (US)
DP	ST. PETE			KPIE	ST PETERSBURG-CLEARWATER	FL (US)
DP	BAYPO (RNAV)			KTPA	TAMPA	FL (US)
DP	TAMPA			KTPA	TAMPA	FL (US)
DP	PALM BEACH			KPBI	WEST PALM BEACH	FL (US)
EN ROUTE	AR15					FL (US)
EN ROUTE	AR6					FL (US)
EN ROUTE	J20					FL (US)
EN ROUTE	J53					FL (US)
EN ROUTE	J81					FL (US)
EN ROUTE	V159					FL (US)
EN ROUTE	V267					FL (US)
EN ROUTE	V295					FL (US)
EN ROUTE	V531					FL (US)
EN ROUTE	V533					FL (US)
EN ROUTE	V537					FL (US)
IAP	ILS OR LOC RWY 25R			KDAB	DAYTONA BEACH	FL (US)
IAP	VOR RWY 16			KDAB	DAYTONA BEACH	FL (US)
IAP	NDB RWY 29			KEVB	NEW SMYRNA BEACH	FL (US)
IAP	ILS OR LOC RWY 15			KISM	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 15			KISM	ORLANDO	FL (US)
IAP	VOR/DME OR GPS-A			KISM	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17L			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 17R			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 18R			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35L			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 35R			KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 36R			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17L CAT II			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 17R CAT II			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L CAT II			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35L CAT III			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 35R CAT II			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R CAT II			KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R CAT III			KMCO	ORLANDO	FL (US)

Information

QUALITY CHECKED

IAP	VOR/DME RWY 18L		KMCO	ORLANDO	FL (US)
IAP	VOR/DME RWY 18R		KMCO	ORLANDO	FL (US)
IAP	VOR/DME RWY 36L	1	KMCO	ORLANDO	FL (US)
IAP	VOR/DME RWY 36R	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 7		KORL	ORLANDO	FL (US)
IAP	ILS OR LOC/DME RWY 25		KORL	ORLANDO	FL (US)
IAP	VOR/DME RWY 25		KORL	ORLANDO	FL (US)
IAP	VOR/DME RWY 7		KORL	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 27R		KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9L		KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 9R		KSFB	ORLANDO	FL (US)
IAP	NDB-B		KSFB	ORLANDO	FL (US)
IAP	NDB-C		KSFB	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 36		KTIX	TITUSVILLE	FL (US)
STAR	DUNTE (RNAV)		KJAX	JACKSONVILLE	FL (US)
STAR	POGIE		KJAX	JACKSONVILLE	FL (US)
STAR	BAIRN (RNAV)		KMCO	ORLANDO	FL (US)
STAR	BITHO		KMCO	ORLANDO	FL (US)
STAR	BUGGZ (RNAV)		KMCO	ORLANDO	FL (US)
STAR	CWRLD (RNAV)		KMCO	ORLANDO	FL (US)
STAR	GOOFY		KMCO	ORLANDO	FL (US)
STAR	LEESE		KMCO	ORLANDO	FL (US)
STAR	MINEE		KMCO	ORLANDO	FL (US)
STAR	PIGLT (RNAV)		KMCO	ORLANDO	FL (US)
STAR	BLOND (RNAV)		KTPA	TAMPA	FL (US)
STAR	DADES (RNAV)		KTPA	TAMPA	FL (US)
STAR	LZARD		KTPA	TAMPA	FL (US)

REQUIRED CHARTING: DP, STAR, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
1. AMENDED COORDINATES TO CURRENT AVNIS VALUES (MOVED 10.55 FT).
2. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 01/04/2012 **OFFICE:** AJV-352 **NAME:** PETER GUIMOND

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: MCO APP CON
OTHER: ZMA, ORL APP CON

TERMINAL AIRSPACE DATA REQUIREMENTS

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

AIRPORT NAME: **EXECUTIVE** ID: **KORL**

PROCEDURE: **ILS OR LOC RWY 7** AMDT: **23**

DOCKET # : **NA**
(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 **3.00**
   (Enter THLD, FAF, ARP, FACILITY, as appropriate)
2. Width of **FINAL** segment at 1000' point **0.87**
   (Enter appropriate segment , final, intermediate, etc.)
3. True Course of **FINAL** segment containing 1000' point **066.70**
4. High Terrain in **FINAL** segment containing 1000' point **119**
5. Distance from **THLD** to 1500' point **4.88**
   (If 1500' point in PT maneuvering area or holding pattern note in remarks)
6. Width of **FINAL** segment at 1500' point **1.27**
7. True Course of **FINAL** segment containing 1500' point **066.70**
8. High Terrain in **FINAL** segment containing 1500' point **119**
9. Threshold Coordinates (if straight-in) ... **283234.18N / 0812021.38W**
10. ARP Coordinates ..... **283243.70N / 0811958.50W**
11. Runway Approach End and distance furthest from ARP.....RWY **25**
    Distance **0.62** NM
12. FAF Coordinates ..... **283024.64N / 0812612.12W**
    (Click to Select)

REMARKS: Approach/Drawing attached.

RADIO FIX AND HOLDING DATA RECORD

NAME: SOTCO **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 283314.59N/0811835.10W **TYPE:** WP, RADAR, DME

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

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-ORL	LOC		069.70	066.70				480	4500
2	ORLANDO	ORL	VORTAC	H			1.50			480	4500
3	KORL R07					066.70	1.70				17500
4	ORLANDO	MCO	ASR				0.71			480	4500

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 7	1, 2, 4		KORL	ORLANDO	FL (US)
IAP	RNAV (GPS)RWY 7			KORL	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG **DATE OF REVISION:** 04/15/2004

DEVELOPED BY: **DATE:** 03/6/2012 **OFFICE:** AJV-352 **NAME:** ROBERT W. COOK

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: EST
ARTCC: ZJX
ATC FACILITY: ORL, MCO
OTHER:

CANCELLED

QUALITY CHECKED

Federal Aviation Administration

Memorandum

Date:

To: Dick Powell Manager, National Flight Data Center, AJV-21

From: Darryel Adams, Manager, Terminal Procedures & Charting Services, Eastern Team, AJV-352

Subject: **ACTION:** Magnetic Variation Change

The Magnetic Variation (MV) data for the airport(s) and/or facility(s) listed under the 'Airport/Facility" column will be revised effective concurrent with the publication of the procedure(s) listed below.

TAKEOFF MINIMUMS AND OBSTACLE DP, AMDT 4
ILS OR LOC RWY 7, AMDT 23
LOC/DME RWY 25, ORIG
RNAV (GPS) RWY 7, AMDT 1
RNAV (GPS) RWY 25, AMDT 2

Estimated Chart Date: 07/26/2012

Runway Numbers are affected with the airport rotation; 13/31 change to 14/32. Runway Numbers 7/25 will not be changed.

Please publish these changes in the National Flight Data Digest.

FLORIDA

Location	Name	Airport /Facility	Identifier	Assigned Magnetic Variation Value	Epoch Year
Orlando	Executive	Airport	KORL / ORL	Old 3 ° West New 6 ° West	2015
Orlando		ILS	ORL	Old 3 ° West New 6 ° West	2015
Orlando		ILS	EXO	New 6 ° West	2015
Orlando	HERNY	NDB/C	ORLOR	Old 3 ° West New 6 ° West	2015

If you have any questions please notify Darryel Adams, darryel.d.adams@faa.gov (301) 427-4824