Flight Procedure Tracking Form	Action: FLIGHT CHECK	Task Type: IAP	Date Open: 05/05/2010	Task #: 2008041414764713004	Request #: 20080414147647
Procedure: ILS OR LOC RWY 36 R AMDT 9C		Airport ID: KMCO	Airport: ORLANDO INTL		Reimbursable #:
City: ORLANDO	ST: FL	GPS #:		Estimated Chart Date: 09/20/2012	FICO #:
Fac ID: OJP	Fac. Type: ILS	Specialist: BRIAN SHAFFER			

Procedure Review

P1

	Rec'd	Rel'd	Full Name	Comments
Lead:	02/06/2012	05/14/2012	DONALD SMITH	
QA:	05/14/2012	05/14/2012	STEVEN SZUKALA	
Liaison:	05/14/2012		Alfonso	REQUEST POSSIBLE TABLE TOP REVIEW

Procedure Comments:

Remark Type: INFORMATION

pkg 6 of 14

ORLANDO, FL ORLANDO INTL (KMCO) ILS OR LOC RWY 36R, AMDT 9C ENROUTE-NO HARD DATE : 9.20.12

ATTACHED FORMS: 8260-3; 8260-10; 8260-9; 8260-2(S): CAMBE-INT, REV 7; FLOZY-INT, REV 6; JAKOR-INT, REV 3; SILKY-INT, REV 4; TRAMP-INT, REV 3; HENRY (OR) LOM, REV 8.

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

ILS or LOC RWY 36R

ORLANDO INTL (MCO)

ILS/DME I-OJP	APP CRS	Rwy Idg	11601
110.7 Chan 44	005°	TDZE	92
		Apt Elev	96

ADF required. DME or Radar required. Simultaneous approach authorized with Rwy 35L or Rwy 35R.

ALSF-2

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct HERNY LOM and hold.

ATIS	ORLANDO APP CON	ORLANDO TOWER	GND CON	CLNC DEL
ARR 121.25	124.8 307.0	124.3 (Rwys 18L-36R,18R-36L) 253.5	126.4 275.8 (East)	134.7 341.7
DEP 120.525		118.45 (Rwys 17L-35R,17R-35L) 253.5	121.8 275.8 (West)	

RADAR REQUIRED

PROTOTYPE: NOT FOR NAVIGATION

Executive

ORLANDO 112.2 ORL Chan 59

LOM HERNY 221 OR

(073°T) 076° 256° (253°T)

LOCALIZER 110.7 I-OJP Chan 44

355 210 215 465 346 516 199

IM MM

CAMBE ORL 20

JAKOR I-OJP 6.6 RADAR

SILKY I-OJP 11 RADAR

(IF) FLOZY I-OJP 14.2 RADAR

(IAF) TRAMP I-OJP 16.8 RADAR

1600 3000 4000

005° (4.4) (359°T) 005° (3.2) (359°T) 005° (2.6) (359°T) 185° (179°T)

1949

YASA ORL 25 NM 3000

ALTERNATE MISSED APCH FIX

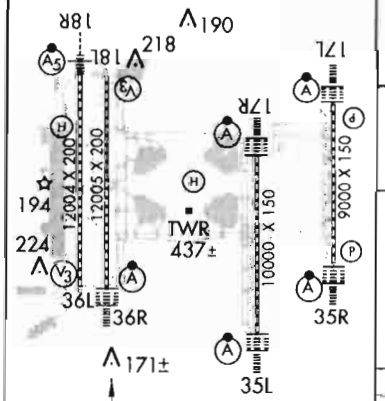
CAMBE ORL 20

112.2 ORL Chan 59

110 MLB Chan 37

R-291 (R-284T) 047° (047°T) 227° (227°T) R-227 (R-227T)

ELEV 96 D TDZE 92

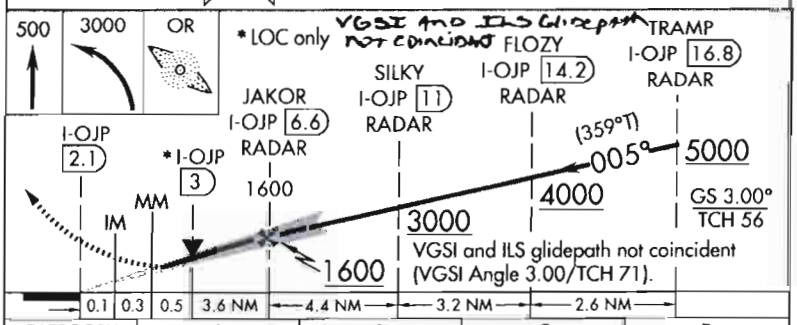


005° 4.5 NM from FAF

REIL Rwy 36L
HIRL all Rwys
TDZ/CL Rwys 17L/R, 18R, 35L/R, 36L/R

FAF to MAP 4.5 NM

Knots	60	90	120	150	180
Min:Sec	4:30	3:00	2:15	1:48	1:30



CATEGORY	A	B	C	D
S-ILS 36R	292/18 200 (200-½)			
S-LOC 36R	440/24 348 (400-½)			
CIRCLING	740-1 644 (700-1)		740-1¾ 644 (700-1¾)	740-2 644 (700-2)

28°26'N-81°19'W

ILS RWY 36R (CAT II)

ORLANDO INTL (MCO)

ILS/DME I-OJP	APP CRS	Rwy Idg	11601
110.7	005°	TDZE	92
Chan 44		Apt Elev	96

ADF Required. DME or Radar Required. Simultaneous approach authorized with Rwy 35L or Rwy 35R.

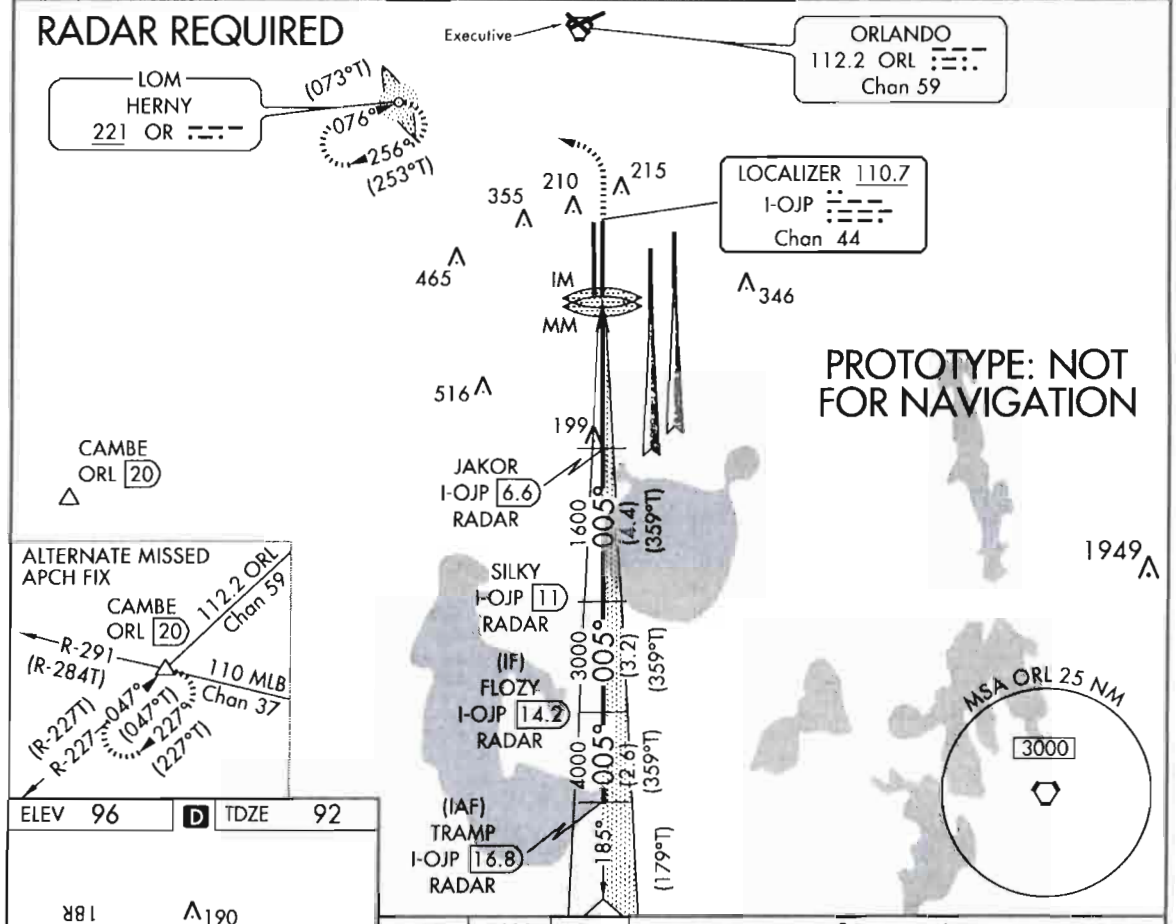
ALSF-2

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct HERNY LOM and hold.

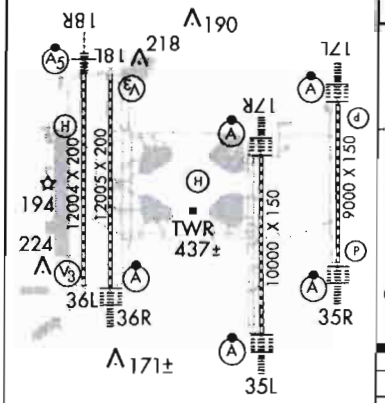
ATIS	ORLANDO APP CON	ORLANDO TOWER	GND CON	CLNC DEL
ARR 121.25	124.8 307.0	124.3 (Rwys 18L-36R,18R-36L) 253.5	126.4 275.8 (East)	134.7 341.7
DEP 120.525		118.45 (Rwys 17L-35R,17R-35L) 253.5	121.8 275.8 (West)	

RADAR REQUIRED

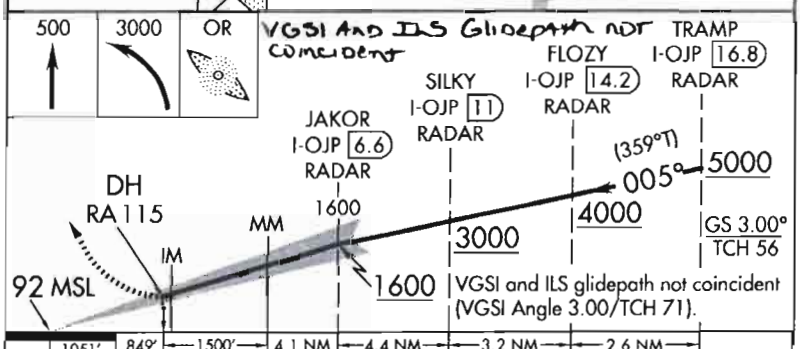
PROTOTYPE: NOT FOR NAVIGATION



ELEV 96	D	TDZE 92



REIL Rwy 36L
HIRL all Rwys
TDZ/CL Rwys 17L/R, 18R, 35L/R, 36L/R



CATEGORY	A	B	C	D
S-ILS 36R	RA 115/12 100 DA 192			

CATEGORY II ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

ILS RWY 36R (CAT III)
ORLANDO INTL (MCO)

ILS/DME I-OJP	APP CRS	Rwy ldg	11601
110.7	005°	TDZE	92
Chan 44		Apt Elev	96

ADF required. DME or Radar required. Simultaneous approach authorized with Rwy 35L or Rwy 35R.

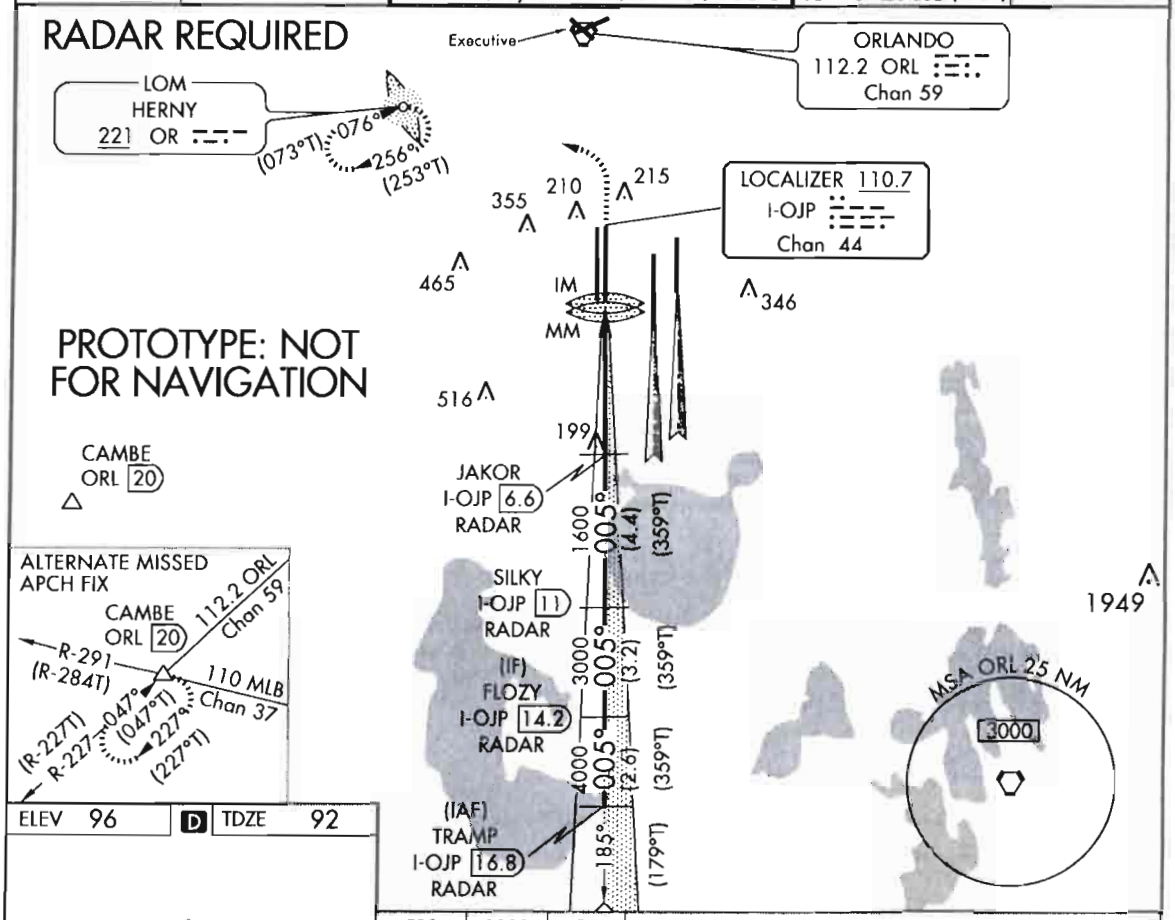
ALSF-2

MISSED APPROACH: Climb to 500 then climbing left turn to 3000 direct HERNY LOM and hold.

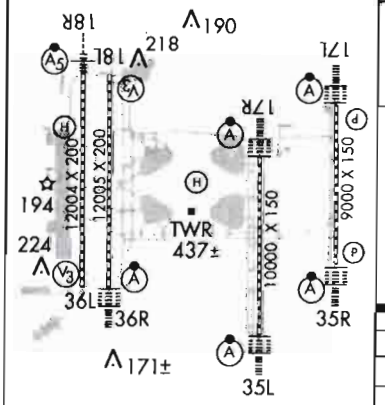
ATIS	ORLANDO APP CON	ORLANDO TOWER	GND CON	CLNC DEL
ARR 121.25	124.8 307.0	124.3 (Rwys 18L-36R,18R-36L) 253.5	126.4 275.8 (East)	134.7 341.7
DEP 120.525		118.45 (Rwys 17L-35R,17R-35L) 253.5	121.8 275.8 (West)	

RADAR REQUIRED

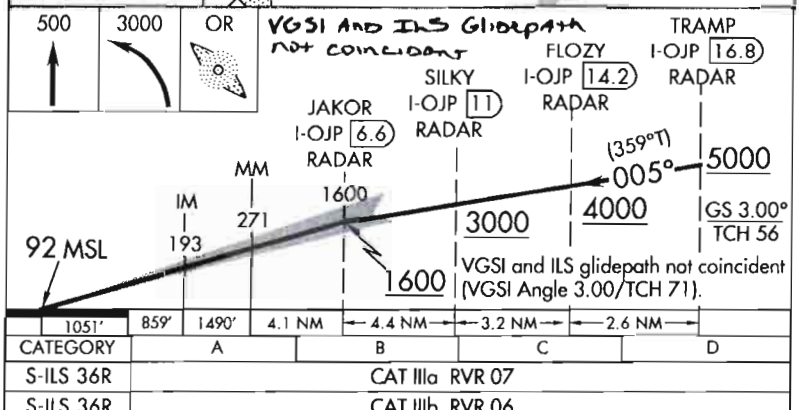
PROTOTYPE: NOT FOR NAVIGATION



ELEV 96 | D | TDZE 92



REIL Rwy 36L
HIRL all Rwys
TDZ/CL Rwys 17L/R, 18R, 35L/R, 36L/R



CATEGORY	A	B	C	D
S-ILS 36R	CAT IIIa RVR 07			
S-ILS 36R	CAT IIIb RVR 06			
S-ILS 36R	CAT IIIc NA			

CATEGORY III ILS - SPECIAL AIRCREW & AIRCRAFT CERTIFICATION REQUIRED

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
TRAMP/16.75 DME/RADAR (IAF)	FLOZY/14.15 DME/RADAR	005.46 / 2.60 (I-OJP)	4000
FLOZY/14.15 DME/RADAR (IF)	SILKY/11.00 DME/RADAR	005.46 / 3.15 (I-OJP)	3000
SILKY/11.00 DME/RADAR	JAKOR/6.60 DME/RADAR	005.46 / 4.41 (I-OJP)	1600

MISSED APPROACH

ILS: DA
LOC: 4.50 MILES AFTER JAKOR/6.60 DME/RADAR OR AT I-OJP 2.09 DME FIX

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT HERNY LOM AND HOLD, OR AS DIRECTED BY ATC.

ALTERNATE MA: CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4000 ON ORL VORTAC R-227 TO CAMBE INT/ORL VORTAC 20.00 DME AND HOLD.

ADDITIONAL FLIGHT DATA:
HOLD W, RT, 069.70 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW CAMBE INT/ORL VORTAC 20.00 DME, RT, 047.36 INBOUND.
CHART FAS OBST: 171 TREE 282412N/0811916W
CHART: 199 TOWER 282037N/0811933W
CHART LOC RWY 35L AND RWY 35R
CHART VDP AT 2.96 DME*;
DISTANCE VDP TO THLD 0.87 MILES.
*LOC ONLY.
CHART IN PLANVIEW: CAMBE INT/ORL VORTAC 20.00 DME.
CHART IN PLANVIEW: EXECUTIVE AIRPORT

1. PT ____ SIDE OF COURSE ____ OUTBOUND ____ FT WITHIN ____ MILES OF ____ (IAF)
2. PROFILE STARTS AT TRAMP/16.75 DME/RADAR
3. FAC: 005.46 FAF: JAKOR/6.60 DME/RADAR DIST FAF TO MAP: 4.50 THLD: 4.50
4. MIN. ALT: TRAMP 5000, FLOZY 4000, SILKY 3000, JAKOR 1600
5. DIST TO THLD FROM OM: - MM: 0.39 IM: 859 150 HAT: - 100 HAT: 849 GS ANT: 1051
6. MIN GS INCPT: 1600 GS ALT AT: JAKOR 1600 OM: - MM: 271 IM: 193
7. GS ANGLE: 3.00 TCH: 56.4
8. MSA FROM: ORL VORTAC 3000

MAG VAR: 6W EPOCH YEAR: 2015

MINIMUMS

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT | ALTERNATE: N A | ILS: # | 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 36R	292	1800	200	292	1800	200	292	1800	200	292	1800	200			
S-LOC 36R	440	2400	348	440	2400	348	440	2400	348	440	2400	348			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

NOTES:
CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 36R: CAT A, B, C, D, RA 115, RVR 1200, HAT 100, DA 192 MSL. # CAT A, B, C, D 700-2
CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS-36R: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA.
(SEE FORM 8260-10)

QUALITY CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 92 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	ORLANDO INTL	I-OJP	ILS OR LOC RWY 36R, AMDT 9C, 09/20/2012 ILS RWY 36R (CAT II) , ILS RWY 36R (CAT III)	AMDT: 9B DATED 04/05/2012

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, ZMA, MCO APP CON, MCO ATCT, ARPT MGR

FLIGHT CHECKED BY		
NAME:	FIFO	DATE:

DEVELOPED BY		
NAME:	FIFO	DATE:
BRIAN M. SHAFFER	AJV-352	03/28/2012

APPROVED BY		
NAME:	FIFO	DATE:
DARRYEL ADAMS MANAGER	AJV-352	

CHANGES:

1. FINAL COURSE CHANGED FROM 004.46 TO 005.46 DEGREES.
2. VDP TO THRESHOLD DISTANCE CHANGED FROM 3.00 DME/0.91 NM FROM THRESHOLD TO 2.96 DME/0.87 NM FROM THRESHOLD.
3. ADDED PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
4. DELETED NOTE: LOC PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
5. CHANGED ALTERNATE MISSED APPROACH ALTITUDE FROM 3000 TO 4000.

REASONS:

1. AIRPOR MAG VAR CHANGED FROM 5W TO 6W..
2. RUNWAY SERVED BY VGSI/8260.3B, PARA 253A FORMULA USED.
3. VGSI TCH/ANGLE = 71.2/3.00, PROCEDURE TCH/ANGLE = 56.4/3.00, TCH VALUES NOT WITHIN 3 DEGREES AS REQUIRED BY 8260.19D, PARA 855N.
4. DIRECTED BY ATO, AJW-372, IAW 8260.19E.
5. FLIGHT CHECK REPORT (5/6/10) STATES MLB R-286 UNUSABLE AT 3000, SATISFACTORY AT 4000/MRA ON V533 4000.

PDF EDIT:

8260-9:
CHANGED HERNY LOM TO OR LOM IN BLOCK 3, TO COLUMN.

8260-3:
ADDED "FLIGHT CHECKED BY" DATA.

QUALITY A CHECKED

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 aiport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.

NOTES, (CONT.):
CHART NOTE: ADF REQUIRED.
CHART NOTE: DME OR RADAR REQUIRED.
CHART PLANVIEW NOTE: RADAR REQUIRED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 35L OR RWY 35R.

QUALITY 4 CHECKED

CITY AND STATE	ELEVATION: 96 TDZE: 92 AIRPORT NAME:	FACILITY IDENTIFIER:	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:	SUP:
ORLANDO, FL	**ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 9C, 09/20/2012 ILS RWY 36R (CAT II) , ILS RWY 36R (CAT III)**	AMDT: **9B**
				DATED: **04/05/2012**

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:	FIFO	DATE:
APPROVED BY		
NAME:	FIFO	DATE:

CHANGES:

REASONS:

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.

ARINC PACKET - 424-18 - ILS

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAD        ORL   K7011220VTHA N28323381W081200607    N28323381W081200607E0000001022     NARORLANDO
        SUSAD KMCOK7 IOJP  K7011070 IT                     IOJPN28270095W081191803     000910     NARORLANDO INTL
        SUSADB       OR    K7002210HOLW N28302464W081260213                    W0060              NARHERNY

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FLOZY K70    C     N28124965W081191132                    W0059     NAR           FLOZY
        SUSAEAENRT   JAKOR K70    C     N28202416W081191615                    W0059     NAR           JAKOR
        SUSAEAENRT   SILKY K70    R     N28155915W081191333                    W0059     NAR           SILKY
        SUSAEAENRT   TRAMP K70    R     N28101317W081190971                    W0059     NAR           TRAMP

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254582W081183238W006000096         1800018000C    MNAR    ORLANDO INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FI36R  ATRAMP 010TRAMPK7EA0E  A    IF                                + 05000     18000                0 NS
        SUSAP KMCOK7FI36R  ATRAMP 020FLOZYK7EA0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FI36R  ATRAMP 030SILKYK7EA0EE      CF IOJPK7      1855011000550032PI  + 03000                          0 NS
        SUSAP KMCOK7FI36R  I      010SILKYK7EA0E  I    IF IOJPK7      18550110        PI  J 030000160018000                0 NS
        SUSAP KMCOK7FI36R  I      020JAKORK7EA0E  F    CF IOJPK7      1855006600500044PI  H 0160001600        -300ORL   K7D 0 NS
        SUSAP KMCOK7FI36R  I      030RW36RK7PG0GY M    CF IOJPK7      1855002100500045PI    00148             -300          0 NS
        SUSAP KMCOK7FI36R  I      040         0  M     CA                     0055        + 00500                          0 NS
        SUSAP KMCOK7FI36R  I      050OR   K7DB0NY      DF                                + 03000                          0 NS
        SUSAP KMCOK7FI36R  I      060OR   K7DB0NE  R   HM                     0697T010    + 03000                          0 NS

                 1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
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                 1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ----------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IIOJP3   011070RW36RN28270145W0811920380055N28250551W0811923630752 10510314300W00605600088

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

CITY AND STATE	ELEVATION: 96 TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 9C, ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)**	AMDT: **9B**
				DATED: **04/05/2012**

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.

```
MSA     123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D              0   18018003025                                                                        M
```

CITY AND STATE	ELEVATION: 96 TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	I-OJP	ILS OR LOC RWY 36R, AMDT 9C, ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)	AMDT: 9B
				DATED: 04/05/2012

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
	TRAMP	TRAMP	010	IAF	IF		FB				AA 05000	
	TRAMP	FLOZY	020		TF		FB				AA 04000	
	TRAMP	SILKY	030		CF		FB		005.5()	003.2	AA 03000	
		SILKY	010	FACF	IF		FB				AA 03000 GI 01600	
		JAKOR	020	FAF	CF		FB		005.0()	004.4	GI 01600 GS 01600	
		RW36R	030	MAP	CF		FO		005.0()	004.5	AT 00148	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5()		AA 00500	
	OR	050		DF		FO				AA 03000	
	OR	060		HM	R	FO		069.7()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IOJP (DME)	N282700.95	W0811918.03	N2827.016	W08119.301
	OR	N283024.64	W0812602.13	N2830.411	W08126.036
	FLOZY	N281249.65	W0811911.32	N2812.828	W08119.189
	JAKOR	N282024.16	W0811916.15	N2820.403	W08119.269
	SILKY	N281559.15	W0811913.33	N2815.986	W08119.222
	TRAMP	N281013.17	W0811909.71	N2810.220	W08119.162
	RW36R	N282455.15	W0811919.04	N2824.919	W08119.317
	IOJP (LOC)	N282701.45	W0811920.38	N2827.024	W08119.340

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00091	56

CITY AND STATE	ELEVATION: 96	TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL		I-OJP	ILS OR LOC RWY 36R, AMDT 9C, ILS RWY 36R (CAT II), ILS RWY 36R (CAT III)	AMDT: 9B
					DATED: 04/05/2012

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 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
        SUSAD KMCOK7 IOJP  K7011070 IT                    IOJPN28270095W081191803     000910     NARORLANDO INTL
        SUSADB       OR    K7002210HOLW N28302464W081260213                    W0060            NARHERNY

                1         2         3         4         5         6         7         8         9         0         1         2         3
WP      12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   FLOZY K70    C     N28124965W081191132                    W0059     NAR           FLOZY
        SUSAEAENRT   JAKOR K70    C     N28202416W081191615                    W0059     NAR           JAKOR
        SUSAEAENRT   SILKY K70    R     N28155915W081191333                    W0059     NAR           SILKY
        SUSAEAENRT   TRAMP K70    R     N28101317W081190971                    W0059     NAR           TRAMP

                1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7AMCO     0     120YHN28254582W081183238W006000096         1800018000C    MNAR    ORLANDO INTL

                1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7FL36R  ATRAMP 010TRAMPK7EA0E  A    IF                                + 05000     18000                0 NS
        SUSAP KMCOK7FL36R  ATRAMP 020FLOZYK7EA0E  B    TF                                + 04000                          0 NS
        SUSAP KMCOK7FL36R  ATRAMP 030SILKYK7EA0EE      CF IOJPK7      1855011000550032PI  + 03000                          0 NS
        SUSAP KMCOK7FL36R  L      010SILKYK7EA0E  I    IF IOJPK7      18550110         PI  + 03000     18000                0 NS
        SUSAP KMCOK7FL36R  L      020JAKORK7EA0E  F    CF IOJPK7      1855006600500044PI  + 01600                ORL   K7D 0 NS
        SUSAP KMCOK7FL36R  L      030RW36RK7PG0GY M    CF IOJPK7      1855002100500045PI    00148          -305           0 NS
        SUSAP KMCOK7FL36R  L      040         0  M     CA                     0055        + 00500                          0 NS
        SUSAP KMCOK7FL36R  L      050OR   K7DB0NY       DF                                + 03000                          0 NS
        SUSAP KMCOK7FL36R  L      060OR   K7DB0NE  R    HM                     0697T010    + 03000                          0 NS

                1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7GRW36R   0120050055 N28245515W081191904+0000    -0000100091000056200IIOJP3

                1         2         3         4         5         6         7         8         9         0         1         2         3
ILS     12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7IIOJP3   011070RW36RN28270145W0811920380055N28250551W0811923630752 10510314300W00605600088

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

CITY AND STATE	ELEVATION: 96 TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 9C**	AMDT: **9B**
				DATED: **04/05/2012**

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.

```
MSA     1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        --------------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KMCOK7SORL  K7D              0   18018003025                                                                          M
```

CITY AND STATE	ELEVATION: 96 TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: ORLANDO INTL	I-OJP	ILS OR LOC RWY 36R, AMDT 9C	AMDT: 9B
				DATED: 04/05/2012

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
	TRAMP	TRAMP	010	IAF	IF		FB				AA 05000	
	TRAMP	FLOZY	020		TF		FB				AA 04000	
	TRAMP	SILKY	030		CF		FB		005.5()	003.2	AA 03000	
		SILKY	010	FACF	IF		FB				AA 03000	
		JAKOR	020	FAF	CF		FB		005.0()	004.4	AA 01600	
		RW36R	030	MAP	CF		FO		005.0()	004.5	AT 00148	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		005.5()		AA 00500	
	OR	050		DF		FO				AA 03000	
	OR	060		HM	R	FO		069.7()	T01.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ORL	N283233.81	W0812006.07	N2832.564	W08120.101
	IOJP (DME)	N282700.95	W0811918.03	N2827.016	W08119.301
	OR	N283024.64	W0812602.13	N2830.411	W08126.036
	FLOZY	N281249.65	W0811911.32	N2812.828	W08119.189
	JAKOR	N282024.16	W0811916.15	N2820.403	W08119.269
	SILKY	N281559.15	W0811913.33	N2815.986	W08119.222
	TRAMP	N281013.17	W0811909.71	N2810.220	W08119.162
	RW36R	N282455.15	W0811919.04	N2824.919	W08119.317
	IOJP (LOC)	N282701.45	W0811920.38	N2827.024	W08119.340

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW36R	00091	56

CITY AND STATE	ELEVATION: 96 TDZE: 92	FACILITY IDENTIFIER:	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:	SUP:
ORLANDO, FL	AIRPORT NAME: **ORLANDO INTL**	**I-OJP**	**ILS OR LOC RWY 36R, AMDT 9C**	AMDT: **9B**
				DATED: **04/05/2012**

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.
INITIAL	TRAMP/16.75	FLOZY/14.15	1. TOWER (12-004624)	281028.20N/0811700.10W	580 (2C)	1000	AT2420	4000
	DME/RADAR	DME/RADAR	2. TERRAIN	281239.00N/0811712.00W	92 (100)		AS1500	1600
INTERMEDIATE	FLOZY/14.15	SILKY/11.00	3. TOWER (12-003208)	281510.70N/0811937.90W	368 (1A)	500	DG2132	3000
	DME/RADAR	DME/RADAR	4. TERRAIN	281457.00N/0811654.00W	96 (100)		AS1500	1600
INTERMEDIATE:	SILKY/11.00	JAKOR/6.60	5. TOWER (12-003440)	281653.12N/0811941.31W	394 (1A)	500		900
STEPDOWN	DME/RADAR	DME/RADAR	6. TERRAIN	281924.00N/0811954.00W	92 (100)		AS1500	1600
FINAL: ILS	JAKOR/6.60	RW36R				ASC		292/200
	DME/RADAR							
FINAL: ILS CAT II	JAKOR/6.60	RW36R				ASC		192/100
	DME/RADAR							
FINAL: LOC	JAKOR/6.60	4.50 MILES AFTER	7. TREE (KMCO0045)	282412.21N/0811915.59W	171 (1A)	250		440
	DME/RADAR	JAKOR/6.60						
		DME/RADAR OR AT						
		I-OJP 2.09 DME						
		FIX						
2. PROCEDURE TURN	NA							
3. MISSED APPROACH MAP:	DA / DA / 4.50	ORL LOM				ASC		3000
	MILES AFTER		8. TOWER (12-003412)	282547.00N/0812407.00W	465 (5D)	1000		1500
ELEV:	123/190		9. TERRAIN	282727.00N/0812830.00W	151 (200)		AS1500	1700

4. CIRCLING AREA	DISTANCE		HT. ABV. ARPT.							
CATEGORY A	1.3 NM	REQUIRED	350	ACTUAL	644	12. C-TWR (12-004633)	282535.00N/0811828.00W	437 (1A)	300	740
CATEGORY B	1.5 NM		450		644	12. C-TWR (12-004633)	282535.00N/0811828.00W	437 (1A)	300	740
CATEGORY C	1.7 NM		450		644	12. C-TWR (12-004633)	282535.00N/0811828.00W	437 (1A)	300	740
CATEGORY D	2.3 NM		550		644	12. C-TWR (12-004633)	282535.00N/0811828.00W	437 (1A)	300	740
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		FACILITY	PROCEDURE AND AMENDMENT NO:	REGION
ORLANDO, FL	ELEVATION: 96 AIRPORT NAME: ORLANDO INTL	I-OJP	ILS OR LOC RWY 36R, AMDT 9C, 09/20/2012 ILS RWY 36R (CAT II) , ILS RWY 36R (CAT	ASO

PART B - SUPPLEMENTAL DATA

1. COMMUNICATIONS WITH:	2. WEATHER SERVICE	3. ALTIMETER SETTING
ZJX ARTCC MCO APP CON MCO TOWER ZMA ARTCC SATISFACTORY ON:	[ ] NWS OTHER: ASOS [ ] FAA [ ] A/C	SOURCE: KMCO DISTANCE: HOURS REMOTE OPERATION:
[X] VHF [X] UHF [ ] HF	LOCATION:	ADJUSTMENT: 0

4. MONITOR STATUS		
PRIMARY NAVAID: I-OJP		
MONITOR POINT: ATCT		
HRS OPTN:	CAT 1	24
	CAT 3	

5. APPROACH & RUNWAY LIGHTING	
[X]	ALSF-2 35R, 36R, 17R, 35L, 17L
[ ]	(S) SALS
[X]	MALSR 18R
[X]	HIRL 18R, 35R, 36R, 17R (PCL), 35L, 36L, 17L, 18L
[ ]	MIRL
[X]	REIL 36L
[X]	TDZ 18R, 35R, 36R, 17R, 35L, 36L, 17L
[X]	C/L 18R, 35R, 36R, 17R, 35L, 36L, 17L, 18L
[X]	OTHER (SPECIFY) PAPI-4R 35R VASI-6L 36L, 18L PAPI-4L 18R, 36R, 17L

6. RUNWAY MARKINGS	
BASIC	
ALL WEATHER	PIR-G 18R, 35R, 36R, 17R, 35L, 36L, 17L, 18L
INSTRUMENT	

7. RUNWAY VISUAL RANGE	
APPROACH	18R, 35R, 36R, 17R, 35L, 36L, 17L, 18L
MIDFIELD	18R, 35R, 36R, 17L, 18L
ROLL OUT	18R, 35R, 36R, 36L, 17L, 18L

8. GLIDE PATH		
GP ANGLE: 3.00		ELEV RWY THRESHOLD: 91.1
DISTANCE FROM RWY: 1051		ELEV GP ANTENNA: 92.4
		THRESHOLD CROSSING HEIGHT: 56.4

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

10. WAIVERS: NONE

PART D - PREPARED BY:	DATE:
BRIAN M. SHAFFER	03/28/2012
TITLE: AERONAUTICAL INFORMATION SPECIALIST	OFFICE: AJV-352

PART C - REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

TERPS PARAGRAPH 289 APPLIED TO 199 TOWER
282037N/0811933W

FLIGHT CHECK RDH 56.4 FT., (ORDER 8260.3B CHG 19).

3. ALTIMETER SETTING
SOURCE: KMCO/KMCO DISTANCE: ON AFLD/ON AFLD
HOURS REMOTE OPERATION: NA ADJUSTMENT: NA
KMCO ASOS IS ON SERVICE A.

NO ADDITIONAL AIRSPACE REQUIRED.

BACKUP ALTIMETER SETTING NOT APPLIED DUE TO REDUNDENT SOURCES AT KMCO.

100' HAT CALCULATION: (192-147.5)/3 TAN = 849
RA TERRAIN ELEVATION AT 849' PT FROM THLD IS 77.
RA CALCULATION: 192-77=115.
RWY ELEVATION AT 3000' PT IS 90.

CAT II/III MISSED APPROACH (OCS SLOPE ELEVATION)
OBSTACLE EVALUATIONS:
KMCO0030 97 MSL (105)
KMCO0031 136 MSL (145)
KMCO0032 107 MSL (162)
KMCO0033 107 MSL (162)
KMCO0034 107 MSL (167)
KMCO0059 115 MSL (183)

CIRCLING OBST (#12) UTILIZES 1A AC PER FPO.

MISSED APPROACH OBSTACLES CONT.
ALTERNATE:
ASC 4000
10. BLDG (12-020426) 282538.02N/0812802.26W 542 600
11. TERRAIN 282915.00N/0813009.00W 204 (200) AS1500
1700

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: CAMBE **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 281857.76N/0813646.18W **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	ORLANDO	ORL	VORTAC	H	227.36	227.36	20.00	20.00		1700	17500
2	MELBOURNE	MLB	VOR/DME	L	290.91	283.91		53.33		4000	17500
3	LAKELAND	LAL	VORTAC	H	046.05	047.05	29.02	29.02		2000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
MLB	VOR/DME	R-291	54	4000	17500

FIX RESTRICTIONS:
MRA ALL 4000

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	SW	ORL	VORTAC	227.36	047.36	R	1-1 1/2		4000	17500	5	17
2	SW		WP	227.36	047.36	R		4	2000	6000	4	6
3	SW	LAL	VORTAC	226.05	046.05	R	1-1 1/2		4000	17500	5	17
4	SW	ORL	VORTAC	227.36	047.36	R		4	2000	17500	4	17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-003543)	281300.06N/0813855.52W	570	1A
1	310	TOWER (12-002751)	280507.58N/0814912.24W	649	2C
2	200	TOWER (12-003543)	281300.06N/0813855.52W	570	1A
3	200	TOWER (12-003543)	281300.06N/0813855.52W	570	1A
3	310	TOWER (12-002751)	280507.58N/0814912.24W	649	2C
4	200	TOWER (12-003543)	281300.06N/0813855.52W	570	1A

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 18R	KMCO	ORLANDO	FL (US)
3	ILS OR LOC RWY 18R (ALT MISS)	KMCO	ORLANDO	FL (US)

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MRA FLAG BASED ON FLIGHT CHECK EVALUATION OF MLB RECEPTION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V533	1, 2, 3	4			(US)
IAP	RNAV (GPS) RWY 33		2	KISM	ORLANDO	FL (US)
IAP	VOR/DME-A	1, 2	1	KISM	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 18R	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 18R (ALT MISS)	2, 3	3	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 36R (ALT MISS)	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 36R (CAT II) (ALT MISS)	1, 2	1	KMCO	ORLANDO	FL (US)
IAP	ILS OR LOC RWY 36R (CAT III) (ALT MISS)	1, 2	1	KMCO	ORLANDO	FL (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CHANGED FAC 2 MAG BRG FORMN 286 TO 291 DUE TO MAG/VAR CHANGE AT MLB.
LOWERED LAL MRA FROM 3000 TO 2000 TO MATCH V533 MEA.
UPDATED ESV, FIX USE, AND REMARKS.
ADDED AND CHARTED HOLDING PATTERN (DME) 4 ON V533.

DEVELOPED BY:	**DATE:** 01/17/2012	**OFFICE:** AJV-352	**NAME:** KELLY DEAN
APPROVED BY:	**DATE:**	**OFFICE:** AJV-352	**NAME:** DARRYEL ADAMS
	SIGNATURE:		

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

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FLOZY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 281249.65N/0811911.32W **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-OJP	LOC/DME		185.46	179.46	14.15	14.16		1600	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	S		WP	185.46	005.46	L		4	2000	10000	4	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (12-004624)	281028.20N/0811700.10W	580	2C

REASON FOR NONSTANDARD HOLDING:
PAT 1 ATC REQUEST

HOLDING RESTRICTIONS:
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:
PRECIPITIOUS TERRAIN EVALUATION COMPLETED.
I-OJP DME: 282700.95N-0811918.03W
1600 FT MRA UTILIZED PER AIR TRAFFIC FOR VECTORING TO FIX AT MVA ALTITUDE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36R	1		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT II)	1		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT III)	1		KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 18L		1	KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 36R		1	KMCO	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 09/20/2012

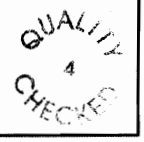
REASON FOR REVISION:
FAC 1 MAG BRG CHANGED FROM 184.46 TO 185.46.
CHANGED HOLD PAT 1 CRS INBOUND & RAD/CRS/BRG FROM 004.46/184.46 TO 005.46/185.46.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 03/15/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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



RADIO FIX AND HOLDING DATA RECORD

NAME: JAKOR **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 282024.16N/0811916.15W **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-OJP	LOC/DME		185.46	179.46	6.60	6.60	40128	1600	4500

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

REMARKS:
I-OJP DME: 282700.95N-0811918.03W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36R	1		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT II)	1		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT III)	1		KMCO	ORLANDO	FL (US)
IAP	RNAV (GPS) RWY 36R			KMCO	ORLANDO	FL (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

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

REASON FOR REVISION:
CHANGED FAC 1 MAG BRG FROM 184.46. 185.46.
UPDATED FIX USE.

DEVELOPED BY: **DATE:** 03/15/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: SILKY **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 281559.15N/0811913.33W **TYPE:** 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-OJP	LOC/DME		185.46	179.46	11.00	11.01		1600	4500

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

REMARKS:
I-OJP DME: 282700.95N-0811918.03W
1600 FT MRA UTILIZED PER AIR TRAFFIC FOR VECTORING TO FIX AT MVA ALTITUDE

FIX USE:

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

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4 **DATE OF REVISION:** 09/20/2012

REASON FOR REVISION:
CHANGED FAC 1 MAG BRG FROM 184.46 TO 185.46.

DEVELOPED BY: **DATE:** 03/16/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

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

QUALITY 4 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TRAMP **STATE:** FL **COUNTRY:** US

LATITUDE/LONGITUDE: 281013.17N/0811909.71W **TYPE:** 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-OJP	LOC/DME		185.46	179.46	16.75	16.76		1600	7000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-OJP	LOC/DME	R-184	25	2500	7000

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

REMARKS:
I-OJP DME: 282700.95N-0811918.03W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 36R	1		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT II)	1		KMCO	ORLANDO	FL (US)
IAP	ILS RWY 36R (CAT III)	1		KMCO	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 2 (KMCO R36R).
CHANGED FAC 1 MAG BRG FROM 184.46 TO 185.46.
CHANGED FAC 1 MAA FROM 5000 TO 7000 (ESV 2500-7000).
ADDED DIST FROM FAC DATA.

DEVELOPED BY: **DATE:** 03/15/2012 **OFFICE:** AJV-352 **NAME:** BRIAN SHAFFER

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

SIGNATURE:

DISTRIBUTION:
NFDC
FPO: ATL
ARTCC: ZMA
ATC FACILITY: MCO
OTHER:

QUALITY 4 CHECKED

INFO ONLY Pvb 7/26

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 283021.26N/0812610.47W **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		6.67	40514	2000	4600
3	ORLANDO	ORL	VORTAC	H			5.79	5.79		2000	4600

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	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/0812612.12W.
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	1	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:** 07/26/2012

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 BRG FROM 252.71 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.

DEVELOPED BY: **DATE:** 02/23/2012 **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 4 CHECKED