

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT ID</u> KMCO	<u>PROCEDURE NAME</u> ILS OR LOC RWY 17L ILS RWY 17L (SA CAT I), ILS RWY 17L (CAT II), ILS RWY 17L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 4A	<u>CITY</u> ORLANDO	<u>STATE</u> FL			
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 90	<u>SUPERSEDED</u> ILS OR LOC RWY 17L ILS RWY 17L (SA CAT I), ILS RWY 17L (CAT II), ILS RWY 17L (CAT III)	<u>ORIGINAL/AMENDMENT</u> 4	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015	
<u>FACILITY</u> I-ARK	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 15 JULY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>			

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
BOSCH	IAF	KAKEY		TF	FB	1.00	185.48	3.26	5000
KAKEY/I-ARK 17.00 DME/RADAR	IAF	HERVI/I-ARK 13.81 DME/RADAR					185.48	3.19 (I-ARK)	4000
BANYA	IAF	HERVI		TF	FB	1.00	227.73	10.11	4000
HERVI/I-ARK 13.81 DME/RADAR	IF	FONIK/I-ARK 10.65 DME/RADAR					185.48	3.16 (I-ARK)	3000
FONIK/I-ARK 10.65 DME/RADAR		SEEDO/I-ARK 9.07 DME/RADAR					185.48	1.58 (I-ARK)	2500
SEEDO/I-ARK 9.07 DME/RADAR		COCAS/I-ARK 5.91 DME/RADAR					185.48	3.16 (I-ARK)	1500

MISSED APPROACH

MAP:

ILS: DA
 LOC: 4.26 NM AFTER COCAS/I-ARK 5.91 DME/RADAR OR AT I-ARK 1.65 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 100 AND ORL VORTAC R-140 TO PRESK INT/ORL 16.17 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 4000 ON MLB VOR/DME R-305 TO PRESK INT/MLB 30.01 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

QUALITY
10
CHECKED

AIRPORT ID KMCO	PROCEDURE NAME ILS OR LOC RWY 17L ILS RWY 17L (SA CAT I), ILS RWY 17L (CAT II), ILS RWY 17L (CAT III)	ORIGINAL/AMENDMENT 4A	CITY ORLANDO	STATE FL
PROFILE:				
1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)
2. PROFILE STARTS AT BOSCH				
3. FAC: 185.48	FAF: COCAS/I-ARK 5.91 DME/RADAR	DIST FAF TO MAP: 4.26	DIST FAF TO THLD: 4.26	
4. MIN ALT: BOSCH 6000, KAKEY/I-ARK 17.00 DME/RADAR 5000, HERVI/I-ARK 13.81 DME/RADAR 4000, FONIK/I-ARK 10.65 DME/RADAR 3000, SEEDO/I-ARK 9.07 DME/RADAR 2500, COCAS/I-ARK 5.91 DME/RADAR 1500, JAXES/I-ARK 2.90 DME/RADAR 540				
5. DIST TO THLD FROM OM:	MM:	IM: 860	100 HAT: 874	150 HAT: 1828 GS ANT: 1040
6. MIN GS INCPT: 1500	GS ALT AT FAF :	COCAS/I-ARK 5.91 DME/RADAR 1500	OM:	MM: IM: 189
7. GP ANGLE: 3.00	34:1:	20:1:	TCH: 54.5	
8. MSA FROM: ORL VORTAC 3000				

EQUIPMENT REQUIREMENTS NOTES:

RNAV 1-DME/DME/IRU OR GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 17L: CAT A, B, C, D, RA 145, RVR 1400, HAT 150, DA 240 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 17L: CAT A, B, C, D, RA 101, RVR 1200, HAT 100, DA 190 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 17L: CAT A, B, C, D, RVR 600
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART NOTE: BRIGHT LIGHTS ON HIGHWAY MIDWAY BETWEEN RWY 17L AND RWY 17R MAY BE MISTAKEN FOR RUNWAY LIGHTS.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 17L CATS C/D VISIBILITY TO RVR 6000.
CHART SPEED ICON IN PLANVIEW AT BOSCH: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT BANYA: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON
CHART KORL IN PLAN AND PROFILE VIEWS.
HOLD SE, RT, 319.79 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SE PRESK INT/MLB 30.01 DME, RT, 304.54 INBOUND.
CHART FAS OBST: 238 ANTENNA (12-075578) 282809N/0811703W.
CHART IN PLANVIEW: PRESK INT/MLB 30.01 DME.
CHART AT OR ABOVE 5000 AT KAKEY/I-ARK 17.00 DME/RADAR.
CHART AT OR ABOVE 6000 AT BOSCH.
CHART MANDATORY 7000 AT BANYA.



AIRPORT ID
KMCO

PROCEDURE NAME
ILS OR LOC RWY 17L
ILS RWY 17L (SA CAT I),
ILS RWY 17L (CAT II),
ILS RWY 17L (CAT III)

ORIGINAL/AMENDMENT
4A

CITY
ORLANDO

STATE
FL

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

<u>CATEGORY:</u>	A			B			C			D			E		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
S-ILS 17L	290	1800	200	290	1800	200	290	1800	200	290	1800	200			
S-LOC 17L	500	2400	410	500	2400	410	500	4000	410	500	4000	410			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

CHANGES - REASONS

ADDED AT/ABOVE ALTITUDE RESTRICTION 6000 TO IAF BOSCH AND 5000 TO IAF KAKEY - PER ATC REQUEST TO SUPPORT SIMULTANEOUS OPERATIONS.
CHANGED PROFILE VIEW STARTING POINT FROM HERVI TO BOSCH - PER ATC REQUEST TO SUPPORT SIMULTANEOUS OPERATIONS.
REMOVED *LOC ONLY CHARTING - PER 8260.19I.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, ZMA, MCO ATCT, ORLANDO APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ALLAN WILL

May 11, 2021

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by

PHILLIP BRANDENBURG

OFFICE

AJV-A423

DATE

04/07/2021

APPROVED BY

MARLON ROBINSON

May 10, 2021

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

May 11, 2021

TITLE
MANAGER

QUALITY
10
CHECKED