

**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 35R ILS RWY 35R (SA CAT I), ILS RWY 35R (CAT II), ILS RWY 35R (CAT III)		<u>ORIGINAL/AMENDMENT</u> 5B	<u>CITY</u> ORLANDO	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 90	<u>SUPERSEDED</u> ILS OR LOC RWY 35R ILS RWY 35R (SA CAT I), ILS RWY 35R (CAT II), ILS RWY 35R (CAT III)	<u>ORIGINAL/AMENDMENT</u> 5A	<u>DATED</u> 07/15/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015	
<u>FACILITY</u> I-CER	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 29 DECEMBER 2022	<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>
HAHNA	IAF	SERAY		TF	FB	1.00	324.16	6.34	4000
CRUSE/I-CER 17.08 DME/RADAR	IAF	SERAY/I-CER 13.93 DME/RADAR					005.48	3.15 (I-CER)	4000
SERAY/I-CER 13.93 DME/RADAR	IF	FESHA/I-CER 10.64 DME/RADAR					005.48	3.29 (I-CER)	3000
FESHA/I-CER 10.64 DME/RADAR		HEWES/I-CER 6.23 DME/RADAR					005.48	4.41 (I-CER)	1600

MISSED APPROACH

MAP:

ILS: DA
LOC: 4.57 NM AFTER HEWES/I-CER 6.23 DME/RADAR OR AT I-CER 1.66 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 3000 ON 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 RIGHT TURN TO 4000 ON OMN VORTAC R-193 TO ZOKUM INT/OMN 31.77 DME AND HOLD.



AIRPORT ID KMCO	PROCEDURE NAME ILS OR LOC RWY 35R ILS RWY 35R (SA CAT I), ILS RWY 35R (CAT II), ILS RWY 35R (CAT III)	ORIGINAL/AMENDMENT 5B	CITY ORLANDO	STATE FL
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PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT CRUSE

3. FAC: 005.48

FAF: HEWES/I-CER 6.23
DME/RADAR

DIST FAF TO MAP: 4.57

DIST FAF TO THLD: 4.57

4. MIN ALT:

CRUSE/I-CER 17.08 DME/RADAR 5000, SERAY/I-CER 13.93 DME/RADAR 4000, FESHA/I-CER 10.64 DME/RADAR 3000, HEWES/I-CER 6.23 DME/RADAR 1600, WOLDI/I-CER 2.90 DME/RADAR 540

5. DIST TO THLD FROM OM:

MM:

IM:

100 HAT: 866

150 HAT: 1820

150 HAT: 1820

GS ANT: 1050

6. MIN GS INCPT: 1600

GS ALT AT PFAF : HEWES/I-CER 6.23 DME/RADAR 1600

OM:

MM:

IM:

7. GS ANGLE: 3.00

34:1:

20:1:

TCH: 54.9

8. MSA FROM: ORL VORTAC 3000

EQUIPMENT REQUIREMENTS NOTES:

FROM HAHNA: RNAV 1-DME/DME/IRU OR GPS REQUIRED.
AIRCRAFT NOT DME/DME/IRU OR GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED FOR LOC ONLY.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35R: CAT A, B, C, D, RA 157, RVR 1400, HAT 150, DA 240 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 35R: 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 35R: CAT A, B, C, D, RVR 600
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
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 35L AND RWY 35R MAY BE MISTAKEN FOR RUNWAY LIGHTS.
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 35R CATS C/D VISIBILITY TO RVR 5500.
CHART NOTE: WHEN USING ALTERNATE MISSED APPROACH, SIMULTANEOUS APPROACH NOT AUTHORIZED.
CHART SPEED ICON IN PLANVIEW AT HAHNA: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 6000 AT HAHNA.
HOLD SE, RT, 319.79 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD S ZOKUM INT/OMN 31.77 DME, LT, 012.52 INBOUND.
CHART FAS OBST: 194 TRMSN TWR (12-079440) 282347N/0811657W.
CHART IN PLANVIEW: ZOKUM INT/OMN 31.77 DME.
CHART CIRCLING ICON.
CHART KORL IN PLAN AND PROFILE VIEWS.



AIRPORT ID
KMCO

PROCEDURE NAME
ILS OR LOC RWY 35R
ILS RWY 35R (SA CAT I),
ILS RWY 35R (CAT II),
ILS RWY 35R (CAT III)

ORIGINAL/AMENDMENT
5B

CITY
ORLANDO

STATE
FL

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 35R	290	1800	200	290	1800	200	290	1800	200	290	1800	200			
S-LOC 35R	460	2400	370	460	2400	370	460	3500	370	460	3500	370			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

CHANGES - REASONS

1. PROFILE LINE 5: REMOVED IM: 861 - INNER MARKER BEING DECOMMISSIONED
2. PROFILE LINE 6: REMOVED IM: 190 - INNER MARKER BEING DECOMMISSIONED

COORDINATED WITH:

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

FLIGHT CHECKED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

DEVELOPED BY

APRIL SARMENTO

APRIL T SARMENTO

Oct 07, 2022

APPROVED BY

JOHNNIE BAKER

OFFICE *Digitally signed by*

CASIMIR L TABAKA

Oct 14, 2022

DATE

OFFICE

AJV-A432

DATE

09/07/2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

QUALITY
10
CHECKED