

**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> 5	<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SUPERSEDED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> 4	<u>DATED</u> 05/21/2020	<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> 22 APRIL 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>			

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
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.



<b>AIRPORT ID</b> KMCO	<b>PROCEDURE NAME</b> ILS OR LOC RWY 35R ILS RWY 35R (SA CAT I), ILS RWY 35R (CAT II), ILS RWY 35R (CAT III)	<b>ORIGINAL/AMENDMENT</b> 5	<b>CITY</b> ORLANDO	<b>STATE</b> FL
---------------------------	--------------------------------------------------------------------------------------------------------------------------	--------------------------------	------------------------	--------------------

---

**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: 861

100 HAT: 866

150 HAT: 1820

GS ANT: 1050

6. MIN GS INCPT: 1600

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

OM:

MM:

IM: 190

7. GP 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 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**  
5

**CITY**  
ORLANDO

**STATE**  
FL

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ ILS: STANDARD; LOC: STANDARD

<b>CATEGORY:</b>	<b>A</b>			<b>B</b>			<b>C</b>			<b>D</b>			<b>E</b>		
<b>FINAL TYPE</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>	<b>DA/MDA</b>	<b>VIS</b>	<b>HAT/HAA</b>
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. TERMINAL ROUTES: ADDED HAHNA TO SERAY - NEW RNAV SEGMENT AT ATC REQUEST.
2. TERMINAL ROUTES: CHANGED CRUSE TO SERAY DME FROM 16.30/13.79 TO 17.08/13.93 AND DISTANCE FROM 2.51 TO 3.15 - CRUSE AND SERAY FIX MOVED.
3. TERMINAL ROUTES: CHANGED SERAY TO FESHA DME FROM 13.79 TO 13.93 AND DISTANCE FROM 3.15 TO 3.29 - SERAY FIX MOVED.
4. EQUIPMENT REQUIREMENTS NOTES: ADDED FROM HAHNA: RNAV 1-DME/DME/IRU OR GPS REQUIRED; CHANGED "RADAR REQUIRED FOR PROCEDURE ENTRY" TO "AIRCRAFT NOT DME/DME/IRU OR GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY"; CHANGED "DME OR RADAR REQUIRED" TO "DME OR RADAR REQUIRED FOR LOC ONLY" - IAW 8260.19H PARA 8-6 -8.A(6)(A); 8-6-8.A(6)(C); 8-6-8.A(2)(C) (8260.19I CRITERIA DEFERRED UNTIL 6/17/2021 CHART CYCLE PER ATTACHMENT 5 OF THE IMPEMNTATION OF 8260.19I)
5. ADDITIONAL FLIGHT DATA: CHANGED HOLD NW, RT, 139.79 INBOUND TO HOLD SE, RT, 319.79 INBOUND - FLIPPED HOLDING PATTERN DUE TO CIH RESULTING IN A NO SIGNAL ZONE OVER ORL VORTAC.
6. NOTES: CHANGED "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH" TO "SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL" - IAW 8260.19I PARA 8-6-11.M(1) NOTE.
7. ADDED NOTE: CHART SPEED ICON IN PLANVIEW AT HAHNA: MAX 210 KIAS - ATC REQUEST.
8. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 6000 AT HAHNA - IAW 8260.19I PARA 8-6-10.N.
9. DELETED NOTE \*LOC ONLY - NO LONGER REQUIRED PER 8260.19I.

**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

ROBERT E WILLIAMS

*Digitally signed by*

**ALLAN WILL**

Mar 01, 2021

**OFFICE**

FICO

**DATE**

02/24/2021

*Digitally signed by*

**SHANE FOWLER**

Jan 07, 2021

**OFFICE**

AJV-A423

**DATE**

12/03/2020

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by*

**ALLAN WILL**

Mar 01, 2021

**OFFICE**

AJV-A420

**DATE**

**TITLE**  
MANAGER