

**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 18R	<u>ORIGINAL/AMENDMENT</u> 11A	<u>CITY</u> ORLANDO	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 94	<u>SUPERSEDED</u> ILS OR LOC RWY 18R	<u>ORIGINAL/AMENDMENT</u> 11	<u>DATED</u> 04/22/2021	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-TFE	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 7 OCTOBER 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>
HOLOP/20.54 DME/RADAR	IAF	NAVAL/17.47 DME/RADAR					185.46	3.07 (I-TFE)	4000
YAGGO	IAF	NAVAL/17.47 DME/RADAR		TF	FB	1.00	115.34	6.09	4000
NAVAL/17.47 DME/RADAR	IF	ONNER/14.31 DME/RADAR					185.46	3.15 (I-TFE)	3000
ONNER/14.31 DME/RADAR		HAMMY/11.16 DME/RADAR					185.46	3.15 (I-TFE)	3000
HAMMY/11.16 DME/RADAR		TUFFE/8.63 DME/RADAR					185.46	2.52 (I-TFE)	2200

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.44 NM AFTER TUFFE/I-TFE 8.63 DME/RADAR OR AT 2.19 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND ON ORL VORTAC R-227 TO CAMBE INT/ORL 20.00 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):

CLIMB TO 500 THEN CLIMBING RIGHT TURN TO 4000 ON HEADING 270 AND ON LAL VORTAC R-046 TO CAMBE INT/LAL 29.02 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT HOLOP

3. FAF: 185.46FAF: TUFFE/8.63 DME/RADARDIST FAF TO MAP: 6.44DIST FAF TO THLD: 6.44

4. MIN ALT: HOLOP/20.54 DME/RADAR 5000, NAVAL/17.47 DME/RADAR 4000, ONNER/14.31 DME/RADAR 3000, HAMMY/11.16 DME/RADAR 3000, TUFFE/8.63 DME/RADAR 2200

5. DIST TO THLD FROM FAF: 6.44MM:IM:150 HAT:GS ANT: 1050

6. MIN GS INCPT: 2200GS ALT AT FAF : TUFFE/8.63 DME/RADAR 2200OM:MM:IM:

7. GP ANGLE: 3.0034:1:20:1TCH: 55.3

8. MSA FROM: ORL VORTAC 3000

EQUIPMENT REQUIREMENTS NOTES:

DME OR RADAR REQUIRED.
RNP APCH-GPS. FROM YAGGO.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART SPEED ICON IN PLANVIEW AT HOLOP: MAX 210 KIAS.
CHART SPEED ICON IN PLANVIEW AT YAGGO: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART KORL IN PLAN AND PROFILE VIEWS.
HOLD SW, RT, 047.36 INBOUND.
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD SW CAMBE INT/LAL 29.02 DME, RT, 046.05 INBOUND.
CHART FAS OBST: 250 ANTENNA (12-091546) 282837N/0811924W.
CHART VDP AT 3.37 DME
DISTANCE VDP TO THLD 1.18 NM.
CHART IN PLANVIEW: CAMBE INT/LAL 29.02 DME.
CHART AT OR ABOVE 5000 AT HOLOP.
CHART MANDATORY 6000 AT YAGGO.

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 18R	294	1800	200	294	1800	200	294	1800	200	294	1800	200			
S-LOC 18R	540	2400	446	540	2400	446	540	4500	446	540	4500	446			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			



CHANGES - REASONS

ADDED MANDATORY ALTITUDE 6000 AT IAF YAGGO - TO SUPPORT STAR ARRIVALS FOR GRNCH AND JAFAR.
IAF SEGMENT YAGGO TO IF NAVAL MIN ALT CHANGED FROM 6000 TO 4000 - TO KEEP PROCEEDING SEGMENT DESCENT GRADIENTS WITHIN LIMITATION.
IAF SEGMENT HOLOP TO IF NAVAL MIN ALT CHANGED FROM 5000 TO 4000 - TO SUPPORT LOWERING OF NAVAL TO 4000.
IF SEGMENT NAVAL TO IF STEP ONNER MIN ALT CHANGED FROM 4000 TO 3000 - TO STABILIZE APPROACH/ATC REQUEST.
CHANGED PROFILE VIEW STARTING POINT FROM NAVAL TO HOLOP - PER ATC REQUEST TO SUPPORT SIMULTANEOUS OPS.
REMOVED EQUIPMENT NOTE "AIRCRAFT NOT DME/DME/IRU OR GPS EQUIPPED - RADAR REQUIRED FOR PROCEDURE ENTRY" - NOT REQUIRED.
CHANGED EQUIPMENT NOTE FROM "FROM YAGGO: RNAV-1 DME/DME/IRU OR GPS REQUIRED" TO READ "RNP APCH - GPS. FROM YAGGO." - PER 19I.
ADDED EQUIPMENT NOTE DME OR RADAR REQUIRED - PER 19I.
ADDITIONAL FLIGHT DATA, REMOVED ASTERISK FROM VDP CHARTING AND REMOVED *LOC ONLY - PER 19I, NOT REQUIRED.
ADDED CHART AT OR ABOVE 5000 AT HOLOP - PER ALTITUDE CHANGES.
LINE 5 CHANGED DIST TO THLD FROM OM TO DIST TO THLD FROM FAF - PER 19I.
LINE 4 ALTITUDE HOLOP 5000 ADDED, ONNER FROM 4000 TO 3000 - PER ALTITUDE CHANGES.

COORDINATED WITH:

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

Digitally signed by

FLIGHT CHECKED BY**ALLAN WILL****OFFICE****DATE**

KEVIN RIESE

Jun 30, 2021

FICO

06/29/2021

DEVELOPED BY

PHILLIP BRANDENBURG

Digitally signed by

PHILLIP BRANDENBURG**OFFICE**

AJV-A423

DATE

04/29/2021

APPROVED BY

MARLON ROBINSON

Jun 01, 2021

Digitally signed by

ALLAN WILL

Jun 30, 2021

OFFICE

AJV-A420

DATE**TITLE**

MANAGER