

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

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> KORL	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> ORLANDO	<u>STATE</u> FL		
<u>AIRPORT ELEVATION</u> 113	<u>TDZE</u> 113	<u>SUPERSEDED</u> RNAV (GPS) RWY 25	<u>ORIGINAL/AMENDMENT</u> 3B	<u>DATED</u> 11/05/2020	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 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>
LOUKE	IF/IAF	ENLOW		TF	FB	1.00	252.81	2.94	2000
ENLOW		MARYB		TF	FB	1.00	252.78	2.10	1500
MARYB		LMOND		TF	FB	1.00	252.76	3.21	1100
LMOND	FAF	RW25	MAP	TF	FO	0.30	252.74	2.97	
RW25	MAP	600 MSL		CA			252.74		600
600 MSL		FTEEN		DF	FO	1.00			1700

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW25

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 1700 DIRECT FTEEN AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD E LOUKE, LT, 252.81 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAF: 252.74FAF: LMONDDIST FAF TO MAP: 2.97DIST FAF TO THLD: 2.97

4. MIN ALT: LOUKE 2800, ENLOW 2000, MARYB 1500, LMOND 1100

5. DIST TO THLD FROM OM:MM:IM:150 HAT:200 HAT: 0.49GS ANT:

6. MIN GP INCPT: 1100GP ALT AT PFAF : LMOND 1100OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 46.0

8. MSA FROM: RW25 3000

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: CIRCLING RWY 31 NA AT NIGHT.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 2°C OR ABOVE 54°C.
CHART NOTE: IN MINIMUM VISIBILITY CONDITIONS, BRIGHT LIGHTS ON HIGHWAY 1/2 MILE SOUTH OF AIRPORT MAY BE MISTAKEN FOR RUNWAY LIGHTS.

ADDITIONAL FLIGHT DATA:

CHART: KMCO IN PLANVIEW.
HOLD NW, RT, 129.06 INBOUND.
CHART FAS OBST: 240 TOWER (12-005110) 283355N/0811745W.
CHART VDP AT 1.20 NM TO RW25.
WAAS CHANNEL # 58125
REFERENCE PATH ID: W25A
CHART MANDATORY 2000 AT ENLOW.
CHART MANDATORY 1500 AT MARYB.
CHART MANDATORY 1100 AT LMOND.
CHART CIRCLING ICON.
LTP HAE: 5.7 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<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>
LPV DA	313	3/4	200	313	3/4	200	313	3/4	200	313	3/4	200			
LNAV/VNAV DA	390	7/8	277	390	7/8	277	390	7/8	277	390	7/8	277			
LNAV MDA	500	1	387	500	1	387	500	1 1/4	387	500	1 1/4	387			
CIRCLING	580	1	467	680	1	567	860	2 1/4	747	860	2 1/2	747			

CHANGES - REASONS

1. CHANGED MISSED APPROACH FROM: "CLIMB TO 2000 DIRECT ESRAQ AND HOLD" TO "CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 1700 DIRECT FTEEN AND HOLD." - ATC REQUEST TO DECONFLICT WITH THE KMCO ILS RWY 18R.
2. CRC REMAINDER CHANGED FROM F0533404 TO B3306EFA. - COMPUTED USING UPDATED FPAP.
3. CHANGED LNAV/VNAV MINIMUMS FROM DA 393/HAT 280 TO DA 390/HAT 277. - NEW OBSTACLE DATA.
4. FINAL APPROACH COURSE CHANGED FROM 252.73 TO 252.74. - COMPUTED USING UPDATED FPAP.
5. LNAV MDA 540/HAT 427 CHANGED TO MDA 500/HAT 387. - UPDATED OBSTACLE INFORMATION.
6. LINE 7 ADDED 20:1 IS CLEAR. - NEW SURVEY INFORMATION.
7. PBN REQUIREMENTS NOTE CHANGED FROM RNP APCH TO RNP APCH - GPS. - IAW 8260.19I 8-6-8B(2).

COORDINATED WITH:**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZJX, MCO APP CON, ORL ATCT, APT MGR**FLIGHT CHECKED BY**

ERIC L GEYER

*Digitally signed by***ALLAN WILL**

Sep 06, 2022

OFFICE

FPO

DATE

08/31/2022

DEVELOPED BY

TOMMY BYRNS

*Digitally signed by***TOMMY BYRNS**

Nov 29, 2021

OFFICE

AJV-A423

DATE

10/28/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***ALLAN WILL**

Sep 06, 2022

OFFICE

AJV-A420

DATE**TITLE**
MANAGERQUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KORL
RUNWAY	RW25
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W25A
LTP/FTP LATITUDE	283257.6925N
LTP/FTP LONGITUDE	0811919.5545W
LTP/FTP ELLIPSOIDAL HEIGHT	+00057
FPAP LATITUDE	283222.3570N
FPAP LONGITUDE	0812052.4730W
THRESHOLD CROSSING HEIGHT (TCH)	00046.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	B3306EFA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00334
FPAP ORTHOMETRIC HEIGHT	+00334

QUALITY
10
CHECKED