

**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.

<b><u>AIRPORT ID</u></b> KMCO	<b><u>PROCEDURE NAME</u></b> RNAV (GPS) RWY 36L	<b><u>ORIGINAL/AMENDMENT</u></b> 3	<b><u>CITY</u></b> ORLANDO	<b><u>STATE</u></b> FL		
<b><u>AIRPORT ELEVATION</u></b> 96	<b><u>TDZE</u></b> 93	<b><u>SUPERSEDED</u></b> RNAV (GPS) RWY 36L	<b><u>ORIGINAL/AMENDMENT</u></b> 2	<b><u>DATED</u></b> 10/12/2017	<b><u>MAG VAR</u></b> 6W	<b><u>EPOCH YEAR</u></b> 2015
<b><u>FACILITY</u></b> RNAV	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b> 22 APRIL 2021	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>		

**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>
LORRA	IAF	EXBAN	NOPT	TF	FB	1.00	040.93	9.26	4000
EXBAN	IF/IAF	AMEBE		TF	FB	1.00	005.42	3.34	3000
AMEBE		BERDY		TF	FB	1.00	005.47	4.42	1600
BERDY	FAF	RUTNE/2.00 NM TO RW36L		TF	FB	0.30	005.46	2.57	
RUTNE/2.00 NM TO RW36L		RW36L	MAP	TF	FO	0.30	005.46	2.00	
RW36L	MAP	500 MSL		CA			005.46		500
500 MSL		DNMOR		DF	FO	1.00			3000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW36L

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 500 THEN CLIMBING LEFT TURN TO 3000 DIRECT DNMOR AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD S EXBAN, LT, 005.42 INBOUND, 4000 FT. IN LIEU OF PT (IF/IAF), MAX 10000.					
3. FAC:	005.46	FAF: BERDY	DIST FAF TO MAP:	4.57	DIST FAF TO THLD: 4.57
4. MIN ALT:	EXBAN 4000, AMEBE 3000, BERDY 1600, RUTNE/2.00 NM TO RW36L 780				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	200 HAT: 0.46	GS ANT:
6. MIN GP INCPT:	1600	GP ALT AT FAF :	BERDY 1600	OM:	MM:
7. GP ANGLE:	3.00	34:1:	IS CLEAR	20:1:	IS CLEAR
			TCH:	55.0	
8. MSA FROM:	RW36L 3000				

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.  
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1°C OR ABOVE 54°C.  
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART SPEED ICON IN PLANVIEW AT LORRA: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART MANDATORY 7000 AT LORRA.  
HOLD W, RT, 069.70 INBOUND.  
CHART FAS OBST: 223 POLE 282503N/0812001W.  
CHART VDP AT 1.00 NM TO RW36L  
WAAS CHANNEL # 82313  
REFERENCE PATH ID: W36B  
CHART CIRCLING ICON.  
CHART KORL IN PLAN AND PROFILE VIEWS.  
LTP HAE: -0.1 M



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

ALTERNATE: NA ☐ 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
LPV DA	293	4000	200	293	4000	200	293	4000	200	293	4000	200			
LNAV/VNAV DA	406	4500	313	406	4500	313	406	4500	313	406	4500	313			
LNAV MDA	480	5500	387	480	5500	387	480	6000	387	480	6000	387			
CIRCLING	740	1	644	740	1	644	740	1 3/4	644	740	2	644			

CHANGES - REASONS

1. TERMINAL ROUTES: DELETED MINEE TO BOYAB AND BOYAB TO EXBAN; ADDED LORRA TO EXBAN COURSE/DISTANCE 40.93/9.26 - REDESIGN BY ATC.
2. TERMINAL ROUTES: CHANGED EXBAN TO AMEBE COURSE/DISTANCE FROM 5.46/3.15 TO 5.42/3.34 - EXBAN FIX MOVED.
3. TERMINAL ROUTES: CHANGED AMEBE TO BERDY COURSE FROM 5.46 TO 5.47 - BERDY FIX MOVED.
4. PROFILE LINE 2: ADDED MAX 10000 TO HILPT - IAW 8260.19I PARA 8-6-7B(2).
5. PROFILE LINE 7: ADDED 20:1 IS CLEAR - NO 20:1 PENETRATIONS FOUND.
6. ADDITIONAL FLIGHT DATA: MOVED DISTANCE TO THLD FROM 200 HAT: 0.45 NM TO PROFILE LINE 5 AND UPDATED TO 0.46 - IAW 8260.19I PARA 8-6-7.E(3).
7. ADDITIONAL FLIGHT DATA: CHANGED "CHART IN PLANVIEW: EXECUTIVE AIRPORT" TO "CHART KORL IN PLAN AND PROFILE VIEWS" - IAW 8260.19I PARA 8-6-10.T.
8. ADDITIONAL FLIGHT DATA: DELETED CHART: 363 TOWER 282030N/0812029W - NO LONGER APPLYING 7:1 CRITERIA FOR THIS OBSTACLE.
9. ADDITIONAL FLIGHT DATA: ADDED CHART MANDATORY 7000 AT LORRA - TO MATCH MANDATORY ALTITUDE USED FOR JOKRS AND PRICY STARS.
10. CHANGED LNAV/VNAV MINS DA/VIS/HAT FROM 412/5000/319 TO 406/4500/313 - NEW CONTROLLER.
11. CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -1C (31F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW 1C OR ABOVE 54C" - UPDATED TEMPS BASED OFF NEW ACT AND UPDATED NOTE VERBIAGE IAW 8260.19I PARA 8-6-9.R.
12. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE RNP APCH - IAW 8260.19H EQUIPMENT REQUIREMENTS NOTES (8260.19I CRITERIA DEFERRED UNTIL 6/17/21 PER THE IMPLEMENTATION OF 8260.19I MEMO).
13. CHANGED CHART NOTE FROM "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS" TO "USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS" - IAW 8260.19I PARA 8-6-11.O(8)(D).
14. FAS DATA BLOCK CHANGED AS FOLLOWS: FPAP LATITUDE FROM 282653.8565N TO 282653.8515N AND CRC REMAINDER FROM 886426E3 TO 31768D2A - NEW SURVEY.
15. ADDED NOTE: CHART SPEED ICON IN PLANVIEW AT LORRA MAX 210 KIAS - ATC REQUEST.
16. DELETED NOTE \*LNAV ONLY - NO LONGER REQUIRED PER 8260.19I.

COORDINATED WITH:

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

FLIGHT CHECKED BY  
ROBERT E WILLIAMS

Digitally signed by  
ALLAN WILL  
Mar 01, 2021

OFFICE  
FICO  
DATE  
02/24/2021

DEVELOPED BY  
SHANE FOWLER

Digitally signed by  
SHANE FOWLER  
Jan 07, 2021

OFFICE  
AJV-A423  
DATE  
11/20/2020

APPROVED BY  
MARLON ROBINSON

Digitally signed by  
ALLAN WILL  
Mar 01, 2021

OFFICE  
AJV-A420  
DATE  
TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMCO
RUNWAY	RW36L
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36B
LTP/FTP LATITUDE	282455.0070N
LTP/FTP LONGITUDE	0811935.8290W
LTP/FTP ELLIPSOIDAL HEIGHT	-00001
FPAP LATITUDE	282653.8515N
FPAP LONGITUDE	0811937.1090W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
 CRC REMAINDER	 31768D2A

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+00278
FPAP ORTHOMETRIC HEIGHT	+00278