

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
FATHE	THREE	FATHE3.FATHE	TWO	12/02/2021	19 May 2022

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

**This is a corrected copy of the procedure published in NFDD 068.
** See page 4 for details. ****

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17L: CLIMB ON HEADING 185.48 TO INTERCEPT COURSE 168.01 TO CROSS KAAPE AT OR ABOVE 1500, THEN ON TRACK 140.00, FOR VECTORS TO BUFFI, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 185.47 TO INTERCEPT COURSE 153.81 TO CROSS KAAPE AT OR ABOVE 1500, THEN ON TRACK 140.00, FOR VECTORS TO BUFFI, THENCE ...

TAKEOFF RWY 18L: CLIMB ON HEADING 185.46 TO INTERCEPT COURSE 213.50 TO CROSS VILNS AT OR ABOVE 1500, THEN ON TRACK 236.51, FOR VECTORS TO BUFFI, THENCE ...

TAKEOFF RWY 18R: CLIMB ON HEADING 185.46 TO INTERCEPT COURSE 209.13 TO CROSS VILNS AT OR ABOVE 1500, THEN ON TRACK 236.51, FOR VECTORS TO BUFFI, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 005.47 TO INTERCEPT COURSE 037.40 TO CROSS JWOLF AT OR ABOVE 2600, THEN ON TRACK 009.58 TO CROSS JIRAN AT OR ABOVE 3000, THEN ON TRACK 003.86 TO BIGSE, THEN ON TRACK 358.99 TO BUFFI, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 005.48 TO INTERCEPT COURSE 032.63 TO CROSS JWOLF AT OR ABOVE 2600, THEN ON TRACK 009.58 TO CROSS JIRAN AT OR ABOVE 3000, THEN ON TRACK 003.86 TO BIGSE, THEN ON TRACK 358.99 TO BUFFI, THENCE ...

TAKEOFF RWY 36L: CLIMB ON HEADING 005.45 TO 600, THEN DIRECT KYOTE AT OR ABOVE 2300, THEN ON TRACK 005.61 TO CROSS EARRS AT OR ABOVE 3000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 012.76 TO BUFFI, THENCE ...

TAKEOFF RWY 36R: CLIMB ON HEADING 005.46 TO 600, THEN DIRECT FACTS AT OR ABOVE 2300, THEN ON TRACK 005.53 TO CROSS HANDD AT OR ABOVE 3000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 012.01 TO BUFFI, THENCE ...

... ON TRACK 001.70 TO CROSS FATHE AT OR ABOVE 14000, THEN ON ASSIGNED TRANSITION, RWY 17L/17R, 18L/18R MAINTAIN 7000, RWY 35L/35R, 36L/36R MAINTAIN 16000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

ALL AIRCRAFT: ATC CLIMB GRADIENTS: IF UNABLE TO ACCEPT CLIMB RATES ADVISE ATC PRIOR TO TAXI. RWY 35R: 566 FT/NM TO 2300, RWY 36L: 637 FT/NM TO 2300, RWY 36R: 621 FT/NM TO 2300.



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TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
VIYAP	FATHE3.VIYAP	FATHE	MDBOG	TRACK 000.42	06.96	9000	1600	AT/ABOVE 16000
		MDBOG	BKENI	TRACK 002.99	31.88	16000	2300	
		BKENI	FEMON	TRACK 003.14	49.17	FL180	1600	
		FEMON	VIYAP	TRACK 003.38	47.55	FL180	1600	

PROCEDURAL DATA NOTES:

NOTE: JET AIRCRAFT ONLY

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 17L, 17R, 18L, 18R, 35L, 35R, 36L, 36R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 600.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:**MSA:****LOST COMMUNICATIONS PROCEDURES:****ADDITIONAL FLIGHT DATA:**

CHART: TOP ALTITUDE: RWY 17L/R, RWY 18L/R: 7000; RWY 35L/R, RWY 36L/R: 16000.

CHART: MICKI AS STAND ALONE WAYPOINT.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT EARRS.

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT HANDD.

CHART: KORL.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KMCO	ORLANDO	FL

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, GND, TWR, CPDLC

QUALITY
47
CHECKED

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FIXES AND/OR NAVAIDS:

MICKI

REMARKS:

THE ENVIRONMENTAL REVIEW UNDER ORDER 1050.1 (LATEST EDITION) AND THE NOISE SCREENING HAVE BEEN ACCOMPLISHED.

CHART NOTE: SEE ADDITIONAL REQUIREMENTS ON AAUP.

WAIVER ON FILE TO NOT CHART IF ALTITUDE AT THE IF FOR RADAR VECTORS (RV).

WAIVER ON FILE TO PUBLISH ATC CLIMB GRADIENTS.

NEW APPROVAL LETTER FOR CLIMB GRADIENTS IN EXCESS OF 500 FEET PER NM.

FLIGHT INSPECTED BY

EDWARD W MESA

*Digitally signed by***JASON KRETSCHMER**

Apr 11, 2022

OFFICE

FPO

DATE

02/24/2022

DEVELOPED BY

MICHAEL R. GARRITY JR

*Digitally signed by***MICHAEL GARRITY**

Apr 11, 2022

OFFICE

AJV-A423

DATE

12/16/2021

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Apr 11, 2022

OFFICE

AJV-A420

DATE**TITLE**

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒**ALPA** ☒**AOPA** ☒**APA** ☒**HAI** ☐**NBAA** ☒**OTHER:** ZJX, ZMA, MCO APP CON, MCO ATCT, AMGR**CHANGES - REASONS:**

1. REMOVED CTA FROM RWY'S 17L/R ROUTE DESCRIPTIONS/ADDED ROUTING TO/FROM KAAPE WP W/1500 FOOT CROSSING ALTITUDE - ATC REQUEST.
2. REMOVED CTA FROM RWY'S 18L/R ROUTE DESCRIPTIONS/ADDED ROUTING TO/FROM VILNS WP W/1500 FOOT CROSSING ALTITUDE - ATC REQUEST.
3. REMOVED 3000 FOOT CROSSING ALTITUDE AT JIRAN WP FOR RWY'S 35L/R - ATC REQUEST.
4. REMOVED 230 KIAS SPEED RESTRICTION FROM RWY 36L TO KYOTE - ATC REQUEST.
5. REMOVED 230 KIAS SPEED RESTRICTION FROM RWY 36R TO FACTS - ATC REQUEST.
6. REMOVED MAINTAIN ATC ASSIGNED ALTITUDE AND ADDED MAINTAIN 16000 PASSING FATHE FOR RWY'S 35L/R AND 36L/R - ATC REQUEST.
7. REMOVED MAINTAIN ATC ASSIGNED ALTITUDE AND ADDED MAINTAIN 7000 PASSING FATHE FOR RWY'S 17L/R AND 18L/R - ATC REQUEST.
8. ADDED FEMON WP TO VIYAP TRANSITION ROUTE - ATC REQUEST.
9. ADDED AT/BELOW 13500 TO KD ED AIRPORT PROCEDURAL DATA NOTE - ATC REQUEST.
10. MOVED RNAV 1 - DME/DME/IRU OR GPS FROM PROCEDURAL DATA NOTES TO PBN REQUIRMENT NOTES - REQUIRED DOCUMENTATION PER 8260.46H, APPENDIX D, PARA 5.
11. MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - REQUIRED DOCUMENTATION PER 8260.46H, APPENDIX D, PARA 6.
12. REMOVED CHART SPEED ICONS FOR KYOTE AND FACTS FROM ADDITIONAL FLIGHT DATA - ATC REQUEST.
13. CHANGED CHART TOP ALTITUDE FROM ASSIGNED BY ATC TO 7000 FOR RWY 17L/R AND RWY 18L/R - ATC REQUEST.
14. CHANGED CHART TOP ALTITUDE FROM ASSIGNED BY ATC TO 16000 FOR RWY 35L/R AND RWY 36/R - ATC REQUEST.
15. REMOVED REFERENCE MAGVAR FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED PER FAAO 8260.46H CRITERIA.
16. CHANGED ORLANDO INTL TO KMCO - REQUIRED DOCUMENTATION PER FAAO 8260.46H, APPENDIX D, SECT 2, PARA 13 CRITERIA.

03/22/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/25/22.

1. ADDED 3000 FOOT CROSSING ALTITUDE AT JIRAN WP FOR RWY'S 35L/R - ATC REQUEST.
2. CHANGED "... ON TRACK 001.70 TO CROSS FATHE AT OR ABOVE 14000." TO "... ON TRACK 001.70 TO CROSS FATHE AT OR ABOVE 14000, THEN ON ASSIGNED TRANSITION, RWY 17L/17R, 18L/18R MAINTAIN 7000, RWY 35L/35R, 36L/36R MAINTAIN 16000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE." - FAAO 8260.46H, APPENDEX E, SECT 1, PARA 3B/PRB RESULTS REQUEST.
3. REMOVED "RWY 35L/35R, 36R/36L MAINTAIN 16000, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" AND "RWY 17L/17R, 18L/18RL MAINTAIN 7000, EXPECT CLEARANCE

QUALITY
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TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - CONSOLIDATED INTO PREVIOUS DP ROUTE DESCRIPTION STATEMENT/PRB RESULTS REQUEST.

4. ADDED "ALL AIRCRAFT: ATC CLIMB GRADIENTS: IF UNABLE TO ACCEPT CLIMB RATES ADVISE ATC PRIOR TO TAXI. RWY 35R: 566 FT/NM TO 2300, RWY 36L: 637 FT/NM TO 2300, RWY 36R: 621 FT/NM TO 2300." - FAAO 8260.46H, PARA 2-1-1E(2)(B)2/PRB RESULTS REQUEST.

5. REMOVED "NOTE: ATC CLIMB GRADIENT RWY 35R: 566 FT/NM TO 2600, 36L: 637 FT/NM TO 2300, 36R: 621 FT/NM TO 2300, IF UNABLE TO ACCEPT CLIMB RATE ADVISE ATC PRIOR TO TAXI." - INFORMATION NOW CONTAINED IN DP ROUTE DESCRIPTION/PRB RESULTS REQUEST.

6. ADDED "CHART: KORL" - FAAO 8260.46H, APPENDIX E, SECT 1, PARA 12A/PRB RESULTS REQUEST.

7. COMMUNICATIONS - ADDED "CHART:". REMOVED "ORLANDO DEP CON (EAST), ORLANDO DEP CON (WEST)" - FAAO 8260.46H, PARA 2-1-1E(1)/FAAO 8260.46H, APPENDIX E, SECT 1, PARA 14/PRB RESULTS REQUEST.

04/11/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 02/25/22.

1. REMOVED "NOTE: KDED AIRPORT. EXTENSIVE PARACHUTE AND FLIGHT TRAINING OPERATIONS AT/BELOW 13500. AVOID OVERFLYING AIRPORT DURING PARACHUTE OPERATIONS" - NOTE NOT NEEDED/AIRCRAFT ARE ABOVE THE OPERATION/PRB RESULTS REQUEST.



**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
FATHE				THREE		FATHE3.FATHE		TWO		12/02/2021		19 May 2022	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW17L (AER)	282637.31N/0811657.29W	N	-	-	-	-							
-	282311.63N/0811655.18W	-	-	VI	179.48	03.42			CG 500 FT PER NM TO 600				
KAPPE	282056.58N/0811605.60W	Y	FB	CF	162.01	02.36	AT/ABOVE 1500						
KAPPE	282056.58N/0811605.60W	-	-	FM	134.00	-							
RW17R (AER)	282608.20N/0811745.17W	N	-	-	-	-							
-	282313.90N/0811743.35W	-	-	VI	179.47	02.90			CG 500 FT PER NM TO 600				
KAAPE	282056.58N/0811605.60W	Y	FB	CF	147.81	02.70	AT/ABOVE 1500						
KAAPE	282056.58N/0811605.60W	-	-	FM	134.00	-							
RW18L (AER)	282654.00N/0811920.30W	N	-	-	-	-							
-	282352.40N/0811918.37W	-	-	VI	179.46	03.02			CG 500 FT PER NM TO 600				
VILNS	282107.79N/0812055.28W	Y	FB	CF	207.50	03.08	AT/ABOVE 1500						
VILNS	282107.79N/0812055.28W	-	-	FM	230.51	-							
RW18R (AER)	282653.86N/0811937.11W	N	-	-	-	-							
-	282353.63N/0811935.16W	-	-	VI	179.46	03.00			CG 500 FT PER NM TO 600				
VILNS	282107.79N/0812055.28W	Y	FB	CF	203.13	03.00	AT/ABOVE 1500						
VILNS	282107.79N/0812055.28W	-	-	FM	230.51	-							

QUALITY
22
CHECKED

QUALITY
22
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FATHE		THREE		FATHE3.FATHE		TWO		12/02/2021	19 May 2022
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RW36R (AER)	282455.15N/0811919.04W	N	-	-	-	-			
600 MSL	-	-	-	VA	359.46	-	AT/ABOVE 600		CG 621 FT PER NM TO 2300
FACTS	283039.75N/0811922.71W	Y	FB	DF	-	-	AT/ABOVE 2300		
HANDD	283254.38N/0811923.95W	Y	FB	TF	359.53	02.24	AT/ABOVE 3000	AT/BELOW 230K	
BUFFI	285026.35N/0811718.07W	Y	FB	TF	006.01	17.58			
BUFFI	285026.35N/0811718.07W	Y	-	IF	-	-			
FATHE	285926.22N/0811804.20W	Y	FB	TF	355.70	09.00	AT/ABOVE 14000		
FATHE	285926.22N/0811804.20W	Y	-	IF	-	-	AT/ABOVE 14000		FATHE3.VIYAP
MDBOG	290622.80N/0811850.51W	Y	FB	TF	354.42	06.96	AT/ABOVE 16000		
BKENI	293817.84N/0812045.89W	Y	FB	TF	356.99	31.88			
FEMON	302731.57N/0812336.20W	Y	FB	TF	357.14	49.17			
VIYAP	311508.15N/0812608.18W	Y	FB	TF	357.38	47.55			

