

**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SUPERSEDED NUMBER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>
FSHUN	THREE	FSHUN3.FSHUN	TWO	12/02/2021	
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17L: CLIMB ON HEADING 185.48 TO INTERCEPT COURSE 215.22 TO CROSS BAAIT AT OR ABOVE 1500, THEN ON TRACK 185.43, FOR VECTORS TO TUPPY, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 185.47 TO INTERCEPT COURSE 210.81 TO CROSS BAAIT AT OR ABOVE 1500, THEN ON TRACK 185.43, FOR VECTORS TO TUPPY, THENCE ...

TAKEOFF RWY 18L: CLIMB ON HEADING 185.46 TO 600, THEN DIRECT BAAIT AT OR ABOVE 1500, THEN ON TRACK 185.43, FOR VECTORS TO TUPPY, THENCE ...

TAKEOFF RWY 18R: CLIMB ON HEADING 185.46 TO 600, THEN DIRECT BAAIT AT OR ABOVE 1500, THEN ON TRACK 185.43, FOR VECTORS TO TUPPY, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 005.47 TO INTERCEPT COURSE 355.00 TO CROSS SAWZZ AT OR ABOVE 2300, THEN ON DEPICTED ROUTE TO TUPPY, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 005.48 TO INTERCEPT COURSE 343.21 TO CROSS SAWZZ AT OR ABOVE 2300, THEN ON DEPICTED ROUTE TO TUPPY, THENCE ...

TAKEOFF RWY 36L: CLIMB ON HEADING 005.45 TO 600, THEN DIRECT KYOTE TO CROSS AT OR ABOVE 2300, THEN ON DEPICTED ROUTE TO TUPPY, THENCE ...

TAKEOFF RWY 36R: CLIMB ON HEADING 005.46 TO 600, THEN DIRECT FACTS TO CROSS AT OR ABOVE 2300, THEN ON DEPICTED ROUTE TO TUPPY, THENCE ...

... ON TRACK 204.35 TO FSHUN. MAINTAIN 7000, EXPECT CLEARANCE TO 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.

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>
PLUMR	FSHUN3.PLUMR	FSHUN	PLUMR	TRACK 204.32	10.70	8000	1700	

PROCEDURAL DATA NOTES:

NOTE: JET AND TURBO-PROP AIRCRAFT ONLY.

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.



<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
FSHUN	THREE	FSHUN3.FSHUN	TWO	12/02/2021	

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: 7000.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT HANDD.

CHART SPEED ICON MANDATORY SPEED 230 KIAS AT LEFTI.

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT EARRS.

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

FIXES AND/OR NAVAIDS:

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.

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



<u>DP NAME</u> FSHUN	<u>NUMBER</u> THREE	<u>DP COMPUTER CODE</u> FSHUN3.FSHUN	<u>SUPERSEDED NUMBER</u> TWO	<u>DATED</u> 12/02/2021	<u>ACTUAL EFFECTIVE DATE</u>
<u>FLIGHT INSPECTED BY</u> EDWARD W MESA		<i>Digitally signed by</i> ALLAN WILL Apr 04, 2022	<u>OFFICE</u> FPO	<u>DATE</u> 02/24/2022	
<u>DEVELOPED BY</u> MICHAEL R. GARRITY JR		<i>Digitally signed by</i> MICHAEL GARRITY Apr 02, 2022	<u>OFFICE</u> AJV-A423	<u>DATE</u> 12/16/2021	
<u>APPROVED BY</u> MARLON ROBINSON		<i>Digitally signed by</i> ALLAN WILL Apr 04, 2022	<u>OFFICE</u> AJV-A420	<u>DATE</u>	<u>TITLE</u> MANAGER
<u>REQUIRED EFFECTIVE DATE</u> ROUTINE					

COORDINATED WITH:

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

CHANGES - REASONS:

1. REMOVED CLIMB TO ALTITUDE FROM RWY'S 17L/R ROUTE DESCRIPTIONS/ADDED ROUTING FROM/TO BAAIT WP W/1500 FOOT CROSSING ALTITUDE - ATC REQUEST.
2. ADDED ROUTING FROM/TO BAAIT WP W/1500 FOOT CROSSING ALTITUDE FOR RWY'S 18L/R - ATC REQUEST.
3. REMOVED 230 KIAS SPEED RESTRICTION FROM RWY 35L AND FROM RWY 35R TO SAWZZ - 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. CHANGED PLUMR TRANSITION MEA FROM 14000 TO 8000 - MEA CAN NOT BE RAISED TO SUPPORT ATC OPERATIONAL REQUIREMENTS PER FAAO 8260.46H, PARA 2-1-1E2(D) CRITERIA.
7. 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.
8. MOVED RADAR REQUIRED FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES - REQUIRED DOCUMENTATION PER 8260.46H, APPENDIX D, PARA 6.
9. REMOVED REFERENCE MAGVAR FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED PER FAAO 8260.46H CRITERIA.
10. REMOVED CHART SPEED ICONS FOR SAWZZ, KYOTE, AND FACTS FROM ADDITIONAL FLIGHT DATA - ATC REQUEST.
11. 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. DP ROUTE DESCRIPTION FOR RWYS 35L/35R - REPLACED "TRACK 344.78 TO CROSS HANDD AT OR ABOVE 3000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 337.54 TO CROSS LEFTI AT OR ABOVE 4000 AND AT 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 192.23" WITH "DEPICTED ROUTE" - FAAO 8260.46H, APPENDIX E, SECT 1, PARA 3/PRB RESULTS REQUEST.
2. DP ROUTE DESCRIPTION FOR RWY 36L - REPLACED "TRACK 005.61 TO CROSS EARRS AT OR ABOVE 3000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 342.13 TO CROSS LEFTI AT OR ABOVE 4000 AND AT 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 192.23" WITH "DEPICTED ROUTE" - FAAO 8260.46H, APPENDIX E, SECT 1, PARA 3/PRB RESULTS REQUEST.
3. DP ROUTE DESCRIPTION FOR RWY 36R - REPLACED "TRACK 358.99 TO CROSS EARRS AT OR ABOVE 3000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 342.13 TO CROSS LEFTI AT OR ABOVE 4000 AND AT 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 192.23" WITH "DEPICTED ROUTE" - FAAO 8260.46H, APPENDIX E, SECT 1, PARA 3/PRB RESULTS REQUEST.
4. DP ROUTE DESCRIPTION - 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. DP ROUTE DESCRIPTION - CHANGED "... ON TRACK 204.35 TO FSHUN. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" TO "... ON TRACK 204.35 TO FSHUN. MAINTAIN 7000, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE" - ATC REQUEST.
6. 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.
7. CHANGED TOP ALTITUDE FROM ASSIGNED BY ATC TO 7000 - ATC REQUEST.
8. ADDED "CHART: KORL" - FAAO 8260.46H, APPENDIX E, SECT 1, PARA 12A/PRB RESULTS REQUEST.



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

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
FSHUN				THREE		FSHUN3.FSHUN		TWO		12/02/2021			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS				
RW17L (AER)	282637.31N/0811657.29W	N	-	-	-	-							
-	282406.55N/0811655.75W	-	-	VI	179.48	2.51			CG 500 FT PER NM TO 600				
BAAIT	281958.75N/0811932.52W	Y	FB	CF	209.22	4.72	AT/ABOVE 1500						
BAAIT	281958.75N/0811932.52W	-	-	FM	179.43	-							
RW17R (AER)	282608.20N/0811745.17W	N	-	-	-	-							
-	282327.31N/0811743.49W	-	-	VI	179.47	2.67			CG 500 FT PER NM TO 600				
BAAIT	281958.75N/0811932.52W	Y	FB	CF	204.81	3.82	AT/ABOVE 1500						
BAAIT	281958.75N/0811932.52W	-	-	FM	179.43	-							
RW18L (AER)	282654.00N/0811920.30W	N	-	-	-	-							
600 MSL	-	-	-	VA	179.46	-	AT/ABOVE 600		CG 500 FT PER NM TO 600				
BAAIT	281958.75N/0811932.52W	Y	FB	DF	-	-	AT/ABOVE 1500						
BAAIT	281958.75N/0811932.52W	-	-	FM	179.43	-							
RW18R (AER)	282653.86N/0811937.11W	N	-	-	-	-							
600 MSL	-	-	-	VA	179.46	-	AT/ABOVE 600		CG 500 FT PER NM TO 600				
BAAIT	281958.75N/0811932.52W	Y	FB	DF	-	-	AT/ABOVE 1500						
BAAIT	281958.75N/0811932.52W	-	-	FM	179.43	-							

QUALITY
20
CHECKED

DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
FSHUN		THREE					FSHUN3.FSHUN		TWO		12/02/2021			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS					
RW35L (AER)	282429.20N/0811744.13W	N	-	-	-	-								
-	282722.52N/0811745.94W	-	-	VI	359.47	2.88			CG 500 FT PER NM TO 600					
SAWZZ	283100.60N/0811833.91W	Y	FB	CF	349.00	3.69	AT/ABOVE 2300							
HANDD	283254.38N/0811923.95W	Y	FB	TF	338.78	2.03	AT/ABOVE 3000	AT/BELOW 230K						
LEFTI	283551.04N/0812112.48W	Y	FB	TF	331.54	3.34	AT/ABOVE 4000	AT 230K						
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000							
TUPPY	280028.21N/0813406.94W	Y	FB	TF	186.23	35.42								
RW35R (AER)	282508.20N/0811656.38W	N	-	-	-	-								
-	282738.70N/0811657.92W	-	-	VI	359.48	2.50			CG 500 FT PER NM TO 600					
SAWZZ	283100.60N/0811833.91W	Y	FB	CF	337.21	3.64	AT/ABOVE 2300							
HANDD	283254.38N/0811923.95W	Y	FB	TF	338.78	2.03	AT/ABOVE 3000	AT/BELOW 230K						
LEFTI	283551.04N/0812112.48W	Y	FB	TF	331.54	3.34	AT/ABOVE 4000	AT 230K						
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000							
TUPPY	280028.21N/0813406.94W	Y	FB	TF	186.23	35.42								
RW36L (AER)	282455.01N/0811935.83W	N	-	-	-	-			CG 500 FT PER NM TO 600					
600 MSL	-	-	-	VA	359.45	-	AT/ABOVE 600							
KYOTE	283035.80N/0811939.50W	Y	FB	DF	-	-	AT/ABOVE 2300							
EARRS	283247.62N/0811940.52W	Y	FB	TF	359.61	2.19	AT/ABOVE 3000	AT/BELOW 230K						
LEFTI	283551.04N/0812112.48W	Y	FB	TF	336.13	3.33	AT/ABOVE 4000	AT 230K						
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000							
TUPPY	280028.21N/0813406.94W	Y	FB	TF	186.23	35.42								



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
FSHUN		THREE		FSHUN3.FSHUN		TWO		12/02/2021	
<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 500 FT PER NM TO 600
FACTS	283039.75N/0811922.71W	Y	FB	DF	-	-	AT/ABOVE 2300		
EARRS	283247.62N/0811940.52W	Y	FB	TF	352.99	2.14	AT/ABOVE 3000	AT/BELOW 230K	
LEFTI	283551.04N/0812112.48W	Y	FB	TF	336.13	3.33	AT/ABOVE 4000	AT 230K	
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000		
TUPPY	280028.21N/0813406.94W	Y	FB	TF	186.23	35.42			
TUPPY	280028.21N/0813406.94W	Y	-	IF	-	-			
FSHUN	275057.11N/0813740.01W	Y	FB	TF	198.35	10.00			
FSHUN	275057.11N/0813740.01W	Y	-	IF	-	-			FSHUN3.PLUMR
PLUMR	274045.95N/0814127.30W	Y	FB	TF	198.32	10.70			

