

**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.

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
FSHUN		ONE	FSHUN1.FSHUN	NONE		
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV	
	<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 600, THEN ON HEADING 221.00 OR AS ASSIGNED BY ATC, FOR VECTORS TO TUPPY, THENCE...

TAKEOFF RWY 17R: CLIMB ON HEADING 185.47 TO 600, THEN ON HEADING 221.00 OR AS ASSIGNED BY ATC, FOR VECTORS TO TUPPY, THENCE...

TAKEOFF RWY 18L: CLIMB ON HEADING 185.46 TO 600, THEN ON HEADING 191.00 OR AS ASSIGNED BY ATC, FOR VECTORS TO TUPPY, THENCE...

TAKEOFF RWY 18R: CLIMB ON HEADING 185.46 TO 600, THEN ON HEADING 191.00 OR AS ASSIGNED BY ATC, 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 AND AT OR BELOW 230 KIAS, THEN ON TRACK 344.78 TO CROSS HANDD AT OR ABOVE 3000 AND AT 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 TO TUPPY, THENCE...

TAKEOFF RWY 35R: CLIMB ON HEADING 005.48 TO INTERCEPT COURSE 343.21 TO CROSS SAWZZ AT OR ABOVE 2300 AND AT OR BELOW 230 KIAS, THEN ON TRACK 344.78 TO CROSS HANDD AT OR ABOVE 3000 AND AT 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 TO TUPPY, THENCE...

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

TAKEOFF RWY 36R: CLIMB ON HEADING 005.46 TO 600, THEN DIRECT TO CROSS FACTS AT OR ABOVE 2300 AND AT OR BELOW 230 KIAS, THEN ON TRACK 358.99 TO CROSS EARRS AT OR ABOVE 3000 AND AT 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 TO TUPPY, THENCE...

... ON TRACK 204.35 TO FSHUN. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
PLUMR	FSHUN1.PLUMR	FSHUN	PLUMR	TRACK 204.32	10.70	14000	1700	

PROCEDURAL DATA NOTES:

DME/DME/IRU OR GPS REQUIRED

NOTE: RADAR REQUIRED

NOTE: RNAV 1

NOTE: JET AND TURBOPROP AIRCRAFT

NOTE: IF UNABLE TO ACCEPT CLIMB RATE, ADVISE CLEARANCE DELIVERY/ATC ON INITIAL CONTACT.



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FSHUN	ONE	FSHUN1.FSHUN	NONE		

TAKEOFF MINIMUMS:

RWY 17L/R, 18L/R, 35 L/R, 36L/R: 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:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

CHART: TOP ALTITUDE: ASSIGNED BY ATC.

REFERENCE MAG/VAR: MCO 6W EPOCH YEAR 2015.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT SAWZZ.

CHART SPEED ICON MANDATORY SPEED 230 KIAS AT HANDD.

CHART SPEED ICON MANDATORY SPEED 230 KIAS AT LEFTI.

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT KYOTE.

CHART SPEED ICON MANDATORY SPEED 230 KIAS AT EARRS.

CHART SPEED ICON MANDATORY SPEED 230 KIAS AT LEFTI.

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT FACTS.

AIRPORTS SERVED:

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

COMMUNICATIONS:

ATIS, CLNC DEL, GND, TWR, DEP CON, 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.

THERE IS A WAIVER ON FILE PERMITTING THE DELETION OF A CROSSING ALTITUDE AT TUPPY FOR AIRCRAFT RECEIVING VECTORS TO JOIN AN RNAV ROUTE.



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FSHUN	ONE	FSHUN1.FSHUN	NONE		
<hr/>					
<u>FLIGHT INSPECTED BY</u>		<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
JAMES HAWLEY		ALLAN WILL	FICO	2/23/21	
		Mar 02, 2021			
<u>DEVELOPED BY</u>		<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
MICHAEL W. HARRIS		MICHAEL W HARRIS	AJV-A423	12/16/2020	
		Dec 16, 2020			
<u>APPROVED BY</u>		<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
MARLON ROBINSON		ALLAN WILL	AJV-A420		MANAGER
		Mar 02, 2021			
<u>REQUIRED EFFECTIVE DATE</u>					
ROUTINE					
<u>COORDINATED WITH:</u>					
<u>A4A</u> <input checked="" type="checkbox"/> <u>ALPA</u> <input checked="" type="checkbox"/> <u>AOPA</u> <input checked="" type="checkbox"/> <u>APA</u> <input checked="" type="checkbox"/> <u>HAI</u> <input type="checkbox"/> <u>NBAA</u> <input checked="" type="checkbox"/> <u>OTHER:</u> ZJX, ZMA, MCO APP CON, MCO ATCT, AMGR					
<u>CHANGES - REASONS:</u>					
ORIGINAL.					



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

<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		ONE		FSHUN1.FSHUN		NONE			
<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>
RW17L (AER)	282637.31N/0811657.29W	N	-	-	-	-			
600 MSL	-	-	-	VA	179.48	-			CG 500 FT/NM TO 600
-	-	-	-	VM	215.00				
RW17R (AER)	282608.20N/0811745.17W	N	-	-	-	-			
600 MSL	-	-	-	VA	179.47	-			CG 500 FT/NM TO 600
-	-	-	-	VM	215.00	-			
RW18L (AER)	282654.00N/0811920.30W	N	-	-	-	-			
600 MSL	-	-	-	VA	179.46	-			CG 500 FT/NM TO 600
-	-	-	-	VM	185.00	-			
RW18R (AER)	282653.86N/0811937.11W	N	-	-	-	-			
600 MSL	-	-	-	VA	179.46	-			CG 500 FT/NM TO 600
-	-	-	-	VM	185.00	-			
RWY 35L (AER)	282429.20N/0811744.13W	N	-	-	-	-			
-	282722.52N/0811745.94W	Y	-	VI	359.47	02.88			CG 500 FT/NM TO 600
SAWZZ	283100.60N/0811833.91W	Y	FB	CF	349.00	03.69	AT/ABOVE 2300	AT/BELOW 230K	
HANDD	283254.38N/0811923.95W	Y	FB	TF	338.78	02.03	AT/ABOVE 3000	AT 230K	
LEFTI	283551.04N/0812112.48W	Y	FB	TF	331.54	03.34	AT/ABOVE 4000	AT 230K	
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	07.54	AT/BELOW 7000		



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FSHUN		ONE					FSHUN1.FSHUN		NONE			
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS			
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	02.50			CG 500FT/NM TO 600			
SAWZZ	283100.60N/0811833.91W	Y	FB	CF	337.21	03.64	AT/ABOVE 2300	AT/BELOW 230K				
HANDD	283254.38N/0811923.95W	Y	FB	TF	338.78	02.03	AT/ABOVE 3000	AT 230K				
LEFTI	283551.04N/0812112.48W	Y	FB	TF	331.54	03.34	AT/ABOVE 4000	AT 230K				
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	07.54	AT/BELOW 7000					
TUPPY	280028.21N/0813406.94W	Y	FB	TF	186.23	35.42						
RWY 36L (AER)	282455.01N/0811935.83W	N	-	-	-	-						
600 MSL	-	-	-	VA	359.45	-	AT/ABOVE 600	CG 500FT/NM TO 600				
KYOTE	283035.80N/0811939.50W	Y	FB	DF	-	-	AT/ABOVE 2300	AT/BELOW 230K				
EARRS	283247.62N/0811940.52W	Y	FB	TF	359.61	02.19	AT/ABOVE 3000	AT 230K				
LEFTI	283551.04N/0812112.48W	Y	FB	TF	336.13	03.33	AT/ABOVE 4000	AT 230K				
BLOSM	283546.29N/0812946.32W	Y	TB	TF	269.43	07.54	AT/BELOW 7000					
TUPPY	280028.21N/0813406.94W	Y	FB	TF	186.23	35.42						
RWY36R (AER)	282455.15N/0811919.04W	N	-	-	-	-						
600 MSL	-	-	-	VA	359.46	-	AT/ABOVE 600	CG 500 FT/NM TO 600				
FACTS	283039.75N/0811922.71W	Y	FB	DF	-	-	AT/ABOVE 2300	AT/BELOW 230K				
EARSS	283247.62N/0811940.52W	Y	FB	TF	352.99	02.14	AT/ABOVE 3000	AT 230K				
LEFTI	283551.04N/0812112.48W	Y	FB	TF	336.13	03.33	AT/ABOVE 4000	AT 230K				
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	07.54	AT/BELOW 7000					

QUALITY

20

Checked

QUALITY
20
CHECKED

<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		ONE		FSHUN1.FSHUN		NONE			
<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>
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	-	-		FSHUN1.PLUMR	
PLUMR	274045.95N/0814127.30W	Y	FB	TF	198.32	10.70			

