

**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SUPERSEDED NUMBER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>
RDSOX	ONE	RDSOX1.RDSOX	NONE		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 060.
** See page 3 for details. **

DP ROUTE DESCRIPTION:

TAKEOFF RWY 17L: CLIMB ON HEADING 185.48 TO INTERCEPT COURSE 235.79 TO CROSS VILNS AT OR ABOVE 1500, THEN ON TRACK 236.51, FOR VECTORS TO RDSOX, THENCE ...

TAKEOFF RWY 17R: CLIMB ON HEADING 185.47 TO INTERCEPT COURSE 236.52 TO CROSS VILNS AT OR ABOVE 1500, THEN ON TRACK 236.51, FOR VECTORS TO RDSOX, 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 RDSOX, 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 RDSOX, THENCE ...

TAKEOFF RWY 35L: CLIMB ON HEADING 005.47 TO INTERCEPT COURSE 355.00 TO CROSS SAWZZ AT OR ABOVE 2300, THEN ON TRACK 344.78 TO CROSS HANDD AT OR ABOVE 3000, THEN ON TRACK 337.54 TO CROSS LEFTI AT OR ABOVE 4000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 251.63 TO RDSOX, THENCE ...

TAKEOFF RWY 35R: CLIMB ON HEADING 005.48 TO INTERCEPT COURSE 343.21 TO CROSS SAWZZ AT OR ABOVE 2300, THEN ON TRACK 344.78 TO CROSS HANDD AT OR ABOVE 3000, THEN ON TRACK 337.54 TO CROSS LEFTI AT OR ABOVE 4000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 251.63 TO RDSOX, THENCE ...

TAKEOFF RWY 36L: CLIMB ON HEADING 005.45 TO 600, THEN DIRECT TO CROSS KYOTE AT OR ABOVE 2300, THEN ON TRACK 005.61 TO CROSS EARRS AT OR ABOVE 3000, THEN ON TRACK 342.13 TO CROSS LEFTI AT OR ABOVE 4000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 251.63 TO RDSOX, THENCE ...

TAKEOFF RWY 36R: CLIMB ON HEADING 005.46 TO 600, THEN DIRECT TO CROSS FACTS AT OR ABOVE 2300, THEN ON TRACK 358.99 TO CROSS EARRS AT OR ABOVE 3000, THEN ON TRACK 342.13 TO CROSS LEFTI AT OR ABOVE 4000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 275.43 TO CROSS BLOSM AT OR BELOW 7000, THEN ON TRACK 251.63 TO RDSOX, THENCE ...

... ON ASSIGNED TRANSITION. 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>	<u>QUALITY</u>
JFRYS	RDSOX1.JFRYS	RDSOX	JFRYS	TRACK 277.11	29.44	FL180	1800		8

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>
RDSOX	ONE	RDSOX1.RDSOX	NONE		19 May 2022

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: 7000.
CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT LEFTI.
DME/DME ASSESSMENT: SAT (RNP 2.0).
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 TO NOT CHART IF ALTITUDE AT THE IF FOR RADAR VECTORS (RV).
WAIVER TO PUBLISH ATC CLIMB GRADIENTS.
APPROVAL LETTER FOR CLIMB GRADIENTS IN EXCESS OF 500 FEET PER NM.



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RDSOX	ONE	RDSOX1.RDSOX	NONE		19 May 2022

<u>FLIGHT INSPECTED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
JOEL P. MURPHY	ALLAN WILL	FPO	03/15/2022
	Apr 04, 2022		

<u>DEVELOPED BY</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>
MICHAEL R. GARRITY JR	MICHAEL GARRITY	AJV-A423	12/16/2021
	Apr 01, 2022		

<u>APPROVED BY</u>		<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
MARLON ROBINSON	<i>Digitally signed by</i>	AJV-A420		MANAGER
	ALLAN WILL			
<u>REQUIRED EFFECTIVE DATE</u>	Apr 04, 2022			
ROUTINE				

COORDINATED WITH:

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

CHANGES - REASONS:

ORIGINAL PROCEDURE - ATC REQUEST.

03/22/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/21/22.

1. DP ROUTE DESCRIPTION - CHANGED "... ON ASSIGNED TRANSITION. MAINTAIN 7000, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." TO "... ON ASSIGNED TRANSITION. MAINTAIN 7000, EXPECT CLEARANCE TO FILED ALTITUDE 10 MINUTES AFTER DEPARTURE." - STANDARDIZATION OF DP ROUTE WORDING BETWEEN KMCO DEPARTURES.
2. 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.
3. REMOVED "NOTE: ATC CLIMB GRADIENT RWY 35R: 566 FT/NM TO 2300, 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.
4. ADDED "CHART: KORL" - FAAO 8260.46H, APPENDIX E, SECT 1, PARA 12A/PRB RESULTS REQUEST.
5. COMMUNICATIONS - ADDED "CHART:" - FAAO 8260.46H, PARA 2-1-1E(1).

**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>
RDSOX		ONE		RDSOX1.RDSOX		NONE			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>
RW17L (AER)	282637.31N/0811657.29W	N	-	-	-	-			
-	282406.80N/0811655.75W	-	-	VI	179.48	2.50			CG 500 FT PER NM TO 600
VILNS	282107.79N/0812055.28W	Y	FB	CF	229.79	4.61	AT/ABOVE 1500		
VILNS	282107.79N/0812055.28W	-	-	FM	230.51	-			
RW17R (AER)	282608.20N/0811745.17W	N	-	-	-	-			
-	282327.44N/0811743.49W	-	-	VI	179.47	2.67			CG 500 FT PER NM TO 600
VILNS	282107.79N/0812055.28W	Y	FB	CF	230.52	3.65	AT/ABOVE 1500		
VILNS	282107.79N/0812055.28W	-	-	FM	230.51	-			
RW18L (AER)	282654.00N/0811920.30W	N	-	-	-	-			
-	282352.40N/0811918.37W	-	-	VI	179.46	3.02			CG 500 FT PER NM TO 600
VILNS	282107.79N/0812055.28W	Y	FB	CF	207.50	3.08	AT/ABOVE 1500		
VILNS	282107.79N/0812055.28W	-	-	FM	230.51	-			
RW18R (AER)	282653.86N/0811937.11W	N	-	-	-	-			
-	282353.61N/0811935.17W	-	-	VI	179.46	3.00			CG 500 FT PER NM TO 600
VILNS	282107.79N/0812055.28W	Y	FB	CF	203.13	3.00	AT/ABOVE 1500		
VILNS	282107.79N/0812055.28W	-	-	FM	230.51	-			

QUALITY
8
CHECKED

DP NAME		NUMBER					DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
RDSOX		ONE					RDSOX1.RDSOX		NONE				19 May 2022	
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							
LEFTI	283551.04N/0812112.48W	Y	FB	TF	331.54	3.34	AT/ABOVE 4000	AT/BELOW 230K						
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000							
RDSOX	282533.02N/0815511.81W	Y	FB	TF	245.63	24.61								
RW35R (AER)	282508.20N/0811656.38W	N	-	-	-	-								
-	282738.71N/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							
LEFTI	283551.04N/0812112.48W	Y	FB	TF	331.54	3.34	AT/ABOVE 4000	AT/BELOW 230K						
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000							
RDSOX	282533.02N/0815511.81W	Y	FB	TF	245.63	24.61								
RW36L (AER)	282455.01N/0811935.83W	N	-	-	-	-								
600 MSL	-	-	-	VA	359.45	-	AT/ABOVE 600		CG 500 FT PER NM TO 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							
LEFTI	283551.04N/0812112.48W	Y	FB	TF	336.13	3.33	AT/ABOVE 4000	AT/BELOW 230K						
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000							
RDSOX	282533.02N/0815511.81W	Y	FB	TF	245.63	24.61								
QUALITY 8														

QUALITY
8
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<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
RDSOX		ONE		RDSOX1.RDSOX		NONE			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 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		
LEFTI	283551.04N/0812112.48W	Y	FB	TF	336.13	3.33	AT/ABOVE 4000	AT/BELOW 230K	
BLOSM	283546.29N/0812946.32W	Y	FB	TF	269.43	7.54	AT/BELOW 7000		
RDSOX	282533.02N/0815511.81W	Y	FB	TF	245.63	24.61			
RDSOX	282533.02N/0815511.81W	Y	-	IF	-	-			RDSOX1.JFRYS
JFRYS	282603.15N/0822834.91W	Y	FB	TF	271.11	29.44			

