

**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SUPERSEDED NUMBER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>
TBIRD	FIVE	TBIRD5.TBIRD	FOUR	08/12/2021	19 May 2022

<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"/>

This is a corrected copy of the procedure published in NFDD 061.  
\*\* See page 4 for details. \*\*

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 10L: CLIMB ON HEADING 098.78 TO 520, THEN DIRECT TO CROSS CRRMN AT OR ABOVE 2500, THEN ON TRACK 016.77 TO CROSS SMGLR AT OR ABOVE 4000, THEN ON TRACK 014.51 TO SONNC, THEN ON TRACK 295.01 TO CROSS AHABB AT OR ABOVE 6000, THEN ON TRACK 295.05 TO BAGGR, THENCE...

TAKEOFF RWY 14: CLIMB ON HEADING 141.17 TO INTERCEPT COURSE 088.00 TO CROSS CRRMN AT OR ABOVE 2500, THEN ON TRACK 016.77 TO CROSS SMGLR AT OR ABOVE 4000, THEN ON TRACK 014.51 TO SONNC, THEN ON TRACK 295.01 TO CROSS AHABB AT OR ABOVE 6000, THEN ON TRACK 295.05 TO BAGGR, THENCE...

TAKEOFF RWY 28R: CLIMB ON HEADING 278.79 TO 520, THEN DIRECT CRYER AT OR ABOVE 2500, THEN ON TRACK 307.93 TO CROSS UTLEY AT OR ABOVE 4000, THEN ON TRACK 341.67 TO BAGGR, THENCE...

TAKEOFF RWY 32: CLIMB ON HEADING 321.18 TO 520, THEN DIRECT BAYBE, THEN ON TRACK 319.00 TO BAGGR, THENCE...

...ON TRACK 344.94 TO TBIRD, THEN ON ASSIGNED TRANSITION, MAINTAIN 11000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

**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>
CHEFS	TBIRD5.CHEFS	TBIRD	CHEFS	315.56	20.19	16000	1600	
COPAY	TBIRD5.COPAY	TBIRD	SIGME	343.64	10.34	14000	1400	
		SIGME	PANNT	341.62	13.38	16000	1500	
		PANNT	MATLK	324.63	24.53	FL 180	1500	
		MATLK	COPAY	323.07	19.13	FL 180	2200	
MATLK	TBIRD5.MATLK	TBIRD	SIGME	343.64	10.34	14000	1400	
		SIGME	PANNT	341.62	13.38	16000	1500	
		PANNT	MATLK	324.63	24.53	FL 180	1500	

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>
TBIRD	FIVE	TBIRD5.TBIRD	FOUR	08/12/2021	19 May 2022

**PROCEDURAL DATA NOTES:**

NOTE: TURBO-JETS ONLY

NOTE: CHEFS TRANSITION, FOR USE BY MCO OR DAB ARRIVALS.

**PBN REQUIREMENTS NOTES:**

RNAV 1 - DME/DME/IRU OR GPS

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT

**TAKEOFF MINIMUMS:**

RWY 10L, 14, 28R, 32: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.

**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: 11000

DME/DME ASSESSMENT: SAT RNP 2.0

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KPBI	WEST PALM BEACH	FL

**COMMUNICATIONS:**

CHART: ATIS, CLNC DEL, GND CON, TOWER

**FIXES AND/OR NAVAIDS:****REMARKS:**

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

WAIVER FOR UTILIZATION OF DEPARTURE SECTOR CRITERIA TO CONDUCT AN OBSTACLE EVALUATION DUE TO TARGETS NOT BEING ABLE TO CONSTRUCT/EVALUATE RWY 14 VI-CF TO CRRMN.



DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
TBIRD	FIVE	TBIRD5.TBIRD	FOUR	08/12/2021	19 May 2022
<b>FLIGHT INSPECTED BY</b>					
EDWARD W. MESA	Digitally signed by <b>ALLAN WILL</b> Apr 01, 2022		<b>OFFICE</b> FPO	<b>DATE</b> 02/24/2022	
<b>DEVELOPED BY</b>					
MICHAEL W HARRIS	Digitally signed by <b>MICHAEL W HARRIS</b> Mar 30, 2022		<b>OFFICE</b> AJV-A423	<b>DATE</b> 12/14/2021	
<b>APPROVED BY</b>					
MARLON ROBINSON	Digitally signed by <b>ALLAN WILL</b> Apr 01, 2022		<b>OFFICE</b> AJV-A420	<b>DATE</b>	<b>TITLE</b> MANAGER
<b>REQUIRED EFFECTIVE DATE</b>					
ROUTINE					

**COORDINATED WITH:**

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

**CHANGES - REASONS:**

1. UPDATED DP ROUTE FROM "TAKEOFF RWY 10L: CLIMB ON HEADING 098.78 TO 520, THEN DIRECT TO CROSS CRRMN AT OR ABOVE 2500, THEN ON TRACK 016.77 TO CROSS SMGLR AT OR ABOVE 4000, THEN ON TRACK 014.51 TO SONNC, THEN ON TRACK 295.01 TO CROSS AHABB AT OR ABOVE 6000, THEN ON TRACK 295.48 TO CROSS LINKE AT OR BELOW 12000, THEN ON TRACK 294.91 TO CROSS BAGGR AT OR BELOW 14000, THENCE... TO "TAKEOFF RWY 10L: CLIMB ON HEADING 098.78 TO 520, THEN DIRECT TO CROSS CRRMN AT OR ABOVE 2500, THEN ON TRACK 016.77 TO CROSS SMGLR AT OR ABOVE 4000, THEN ON TRACK 014.51 TO SONNC, THEN ON TRACK 295.01 TO CROSS AHABB AT OR ABOVE 6000, THEN ON TRACK 295.05 TO BAGGR, THENCE..." - ATC REQUEST.
2. UPDATED DP ROUTE FROM "TAKEOFF RWY 14: CLIMB ON HEADING 141.17 TO INTERCEPT COURSE 088.00 TO CROSS CRRMN AT OR ABOVE 2500, THEN ON TRACK 016.77 TO CROSS SMGLR AT OR ABOVE 4000, THEN ON TRACK 014.51 TO SONNC, THEN ON TRACK 295.01 TO CROSS AHABB AT OR ABOVE 6000, THEN ON TRACK 295.48 TO CROSS LINKE AT OR BELOW 12000, THEN ON TRACK 294.91 TO CROSS BAGGR AT OR BELOW 14000, THENCE..." TO "TAKEOFF RWY 14: CLIMB ON HEADING 141.17 TO INTERCEPT COURSE 088.00 TO CROSS CRRMN AT OR ABOVE 2500, THEN ON TRACK 016.77 TO CROSS SMGLR AT OR ABOVE 4000, THEN ON TRACK 014.51 TO SONNC, THEN ON TRACK 295.01 TO CROSS AHABB AT OR ABOVE 6000, THEN ON TRACK 295.05 TO BAGGR, THENCE..." - ATC REQUEST.
3. UPDATED DP ROUTE FROM "TAKEOFF RWY 28R: CLIMB ON HEADING 278.79 TO 520, THEN DIRECT TO CROSS CRYER AT OR ABOVE 2500, THEN ON TRACK 307.93 TO CROSS UTLEY AT OR ABOVE 4000, THEN ON TRACK 340.41 TO CROSS GLYPH AT OR BELOW 12000, THEN ON TRACK 342.16 TO CROSS BAGGR AT OR BELOW 14000, THENCE...ON TRACK 344.94 TO TBIRD, THEN ON ASSIGNED TRANSITION. EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." TO "TAKEOFF RWY 28R: CLIMB ON HEADING 278.79 TO 520, THEN DIRECT CRYER AT OR ABOVE 2500, THEN ON TRACK 307.93 TO CROSS UTLEY AT OR ABOVE 4000, THEN ON TRACK 341.67 TO BAGGR, THENCE..." - ATC REQUEST.
4. UPDATED DP ROUTE FROM "TAKEOFF RWY 32: CLIMB ON HEADING 321.18 TO 520, THEN DIRECT BAYBE, THEN ON TRACK 320.40 TO CROSS HOPOK AT OR BELOW 12000, THEN ON TRACK 318.40 TO CROSS BAGGR AT OR BELOW 14000, THENCE...TO "TAKEOFF RWY 32: CLIMB ON HEADING 321.18 TO 520, THEN DIRECT BAYBE, THEN ON TRACK 319.00 TO BAGGR, THENCE...ON TRACK 344.94 TO TBIRD, MAINTAIN 11000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE. THEN ON ASSIGNED TRANSITION." - ATC REQUEST.
5. UPDATED DP ROUTE THENCE STATEMENT FROM "...ON TRACK 344.94 TO TBIRD, THEN ON ASSIGNED TRANSITION. MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT CLEARANCE TO FILED ALTITUDE WITHIN 10 MINUTES AFTER DEPARTURE." TO "...ON TRACK 344.94 TO TBIRD, THEN ON ASSIGNED TRANSITION, MAINTAIN 11000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE." - ATC REQUEST.
6. CHANGED NOTE: DME/DME/IRU OR GPS REQUIRED TO READ "RNAV1 - DME/DME/IRU OR GPS" AND MOVED FROM PROCEDURAL DATA TO PBN REQUIREMENTS BLOCK - UPDATED FORM DESIGN AND 8260-46H 2-1-1 F.
7. REMOVED: NOTE: FOR AIRCRAFT FILED AT OR ABOVE 11,000 - ATC REQUEST.
- 8 REMOVED: NOTE: IF UNABLE TO ACCEPT MINIMUM CLIMB RATES, ADVISE ATC ON INITIAL CONTACT - ATC REQUEST.
9. REMOVED: ALTITUDE RESTRICTION AOB 14000 AT BAGGR - ATC REQUEST.
10. REMOVED: GLYPH, HOPOK AND LINKE WAYPOINTS AND ASSOCIATED AOB 12000 ALTITUDE RESTRICTIONS FROM PROCEDURE - ATC REQUEST.
11. ADDITIONAL FLIGHT DATA: UPDATED CHART: TOP ALTITUDE: FROM "RWY 10L, 14, 28R: 14000... TOP ALTITUDE RWY 32: ASSIGNED BY ATC. "TO "TOP ALTITUDE 11000" FOR ALL RUNWAYS - ATC REQUEST.

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TBIRD	FIVE	TBIRD5.TBIRD	FOUR	08/12/2021	19 May 2022

12. MOVED "RADAR REQUIRED" NOTE FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENT NOTES AND UPDATED TO READ "RADAR REQUIRED FOR NON-GPS EQUIPPED AIRCRAFT" - UPDATED 8260-15B FORM DESIGN AND 8260.46H 2-1-1 F.

13. REMOVED PBI DEP CON FROM COMMUNICATIONS; CHARTS AUTOMATICALLY - 8260-46H SECTION 2

14. REMOVED ADDITIONAL FLIGHT DATA NOTE REFERENCE MAG/VAR: PBI 06W EPOCH YEAR 2010 - NO LONGER REQUIRED BY 8260.46H.

15. REMARKS SECTION: ADDED WAIVER DATA INFORMATION FOR RWY 14- 8260.46H APPENDIX E 17.

03/30/22: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 03/01/22.

1. PROCEDURAL DATA NOTES: CHANGED NOTE FROM "CHEFS TRANSITION, FOR USE BY MCO OR DAB ARRIVALS, OR AS ASSIGNED BY ATC ONLY" TO "CHEFS TRANSITION, FOR USE BY MCO OR DAB ARRIVALS."

2. COMMUNICATIONS BLOCK, ADDED "CHART:" PRIOR TO ALL COMMUNICATIONS.



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

DP NAME						NUMBER	DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
TBIRD						FIVE	TBIRD5.TBIRD		FOUR		08/12/2021	19 May 2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS		
RW10L (AER)*	264058.97N/0800616.92W*	N	-	-	-	-	*DISPL THLD (1200 FT)					
520 MSL	-	-	-	VA	092.78	-	AT/ABOVE 520	CG 500 FT/NM TO 520				
CRRMN	264039.96N/0795903.47W	Y	FB	DF	-	-	AT/ABOVE 2500					
SMGLR	264354.84N/0795822.18W	Y	FB	TF	010.77	3.30	AT/ABOVE 4000					
SONNC	264724.82N/0795747.15W	Y	FB	TF	008.51	3.53						
AHABB	264832.70N/0800126.85W	Y	FB	TF	289.01	3.47	AT/ABOVE 6000					
BAGGR	265451.33N/0802154.79W	Y	FB	TF	289.05	19.35						
RW14 (AER)	264130.60N/0800614.48W	N	-	-	-	-						
-	263958.32N/0800432.41W	-	-	VI	135.17	2.16	CG 500 FT/NM TO 520					
CRRMN	264039.96N/0795903.47W	Y	FB	CF	082.00	4.96	AT/ABOVE 2500					
SMGLR	264354.84N/0795822.18W	Y	FB	TF	010.77	3.30	AT/ABOVE 4000					
SONCC	264724.82N/0795747.15W	Y	FB	TF	008.51	3.53						
AHABB	264832.70N/0800126.85W	Y	FB	TF	289.01	3.47	AT/ABOVE 6000					
BAGGR	265451.33N/0802154.79W	Y	FB	TF	289.05	19.35						
RW28R (AER)*	264055.13N/0800448.94W*	N	-	-	-	-	*DISPL THLD (811 FT)					
520 MSL	-	-	-	VA	272.79	-	AT/ABOVE 520	CG 500 FT/NM TO 520				
CRYER	264112.90N/0801215.10W	Y	FB	DF	-	-	AT/ABOVE 2500					
UTLEY	264322.89N/0801607.46W	Y	FB	TF	301.93	4.09	AT/ABOVE 4000					
BAGGR	265451.33N/0802154.79W	Y	FB	TF	335.67	12.56						

QUALITY  
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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>
TBIRD		FIVE		TBIRD5.TBIRD		FOUR		08/12/2021	19 May2022
<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>
RW32 (AER)*	264044.85N/0800523.87W*	N	-	-	-	-			*DISPL THLD (418 FT)
520 MSL	-	-	-	VA	315.18	-	AT/ABOVE 520		CG 500 FT/NM TO 520
BAYBE	264507.52N/0801015.74W	Y	FB	DF	-	-			
BAGGER	265451.33N/0802154.79W	Y	FB	TF	313.00	14.24			
TRANSITIONS									
BAGGR	265451.33N/0802154.79W	Y	-	IF	-	-			
TBIRD	270922.25N/0802809.74W	Y	FB	TF	338.94	15.51			
TBIRD	270922.25N/0802809.74W	Y	-	IF	-	-		TBIRD5.CHEFS	
CHEFS	272214.97N/0804538.96W	Y	FB	TF	309.56	20.19			
TBIRD	270922.25N/0802809.74W	Y	-	IF	-	-		TBIRD5.COPAY	
SIGME	271857.48N/0803234.66W	Y	FB	TF	337.64	10.34			
PANNT	273110.36N/0803847.18W	Y	FB	TF	335.62	13.38			
MATLK	274936.54N/0805704.27W	Y	FB	TF	318.63	24.53			
COPAY	280338.46N/0811147.93W	Y	FB	TF	317.07	19.13			
TBIRD	270922.25N/0802809.74W	Y	-	IF	-	-		TBIRD5.MATLK	
SIGME	271857.48N/0803234.66W	Y	FB	TF	337.64	10.34			
PANNT	273110.36N/0803847.18W	Y	FB	TF	335.62	13.38			
MATLK	274936.54N/0805704.27W	Y	FB	TF	318.63	24.53			

