

**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SUPERSEDED NUMBER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>
PTRON	NINE	PTRON9.PTRON	EIGHT	01/27/2022	08 SEP 2022

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
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THIS A CORRECTED COPY OF THE PROCEDURE PREVIOUSLY PUBLISHED IN NFDD #124.

DP ROUTE DESCRIPTION:

TAKEOFF RWY 4: CLIMB ON HEADING 040.95 TO 560, EXPECT RADAR VECTORS TO SAALT, THENCE...
TAKEOFF RWY 13L: CLIMB ON HEADING 130.95 TO 560, EXPECT RADAR VECTORS TO SAALT, THENCE...
TAKEOFF RWY 13R: CLIMB ON HEADING 130.95 TO 560, EXPECT RADAR VECTORS TO SAALT, THENCE...
TAKEOFF RWY 22: CLIMB ON HEADING 220.96 TO 560, EXPECT RADAR VECTORS TO SAALT, THENCE...
TAKEOFF RWY 31L: CLIMB ON HEADING 310.96 TO 560, EXPECT RADAR VECTORS TO SAALT, THENCE...
TAKEOFF RWY 31R: CLIMB ON HEADING 310.95 TO 560, EXPECT RADAR VECTORS TO SAALT, THENCE...

...ON TRACK 190.66 TO PTRON, THEN ON (TRANSITION). MAINTAIN 16000, 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>
CORPUS CHRISTI	PTRON9.CRP	PTRON	SKUBA	TRACK 241.39	33.62	11100	2500	
			PSX VORTAC	TRACK 223.55	37.41	12000	2600	
			YOMOM	TRACK 221.02	64.42	12000	1800	
			CRP VORTAC	TRACK 249.38	16.51	12000	1600	
WWREN	PTRON9.WWREN	PTRON	RIIGG	TRACK 210.48	38.48	10900	3000	
			WWREN	TRACK 206.01	52.68	12000	2100	
TRUAX	PTRON9.NGP	PTRON	RIIGG	TRACK 210.48	38.48	10900	3000	
			NGP TACAN	TRACK 228.08	114.85	12000	1700	
PALACIOS	PTRON9.PSX	PTRON	SKUBA	TRACK 241.39	33.62	11100	2500	
			PSX VORTAC	TRACK 223.55	37.41	12000	2600	
YOMOM	PTRON9.YOMOM	PTRON	SKUBA	TRACK 241.39	33.62	11100	2500	
			PSX VORTAC	TRACK 223.55	37.41	12000	2600	
			YOMOM	TRACK 221.02	64.42	12000	1800	

PROCEDURAL DATA NOTES:

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
PTRON	NINE	PTRON9.PTRON	EIGHT	01/27/2022	08 SEP 2022

PBN REQUIREMENTS NOTES:

RNAV 1 - DME/DME/IRU OR GPS.

EQUIPMENT REQUIREMENT NOTES:

RADAR REQUIRED.

TAKEOFF MINIMUMS:

RWY 4: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 900.

RWY 13L: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 3600.

RWY 13R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 3800.

RWY 22: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1900.

RWY 31L, 31R: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 560.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 22, 31L, 31R: 2049 FT MSL TOWER 293430.00N/0952938.00W.

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

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART: TOP ALTITUDE 16000.

CHART: MEA/MOCA FROM SAALT TO PTRON, 3700/2200.

AIRPORTS SERVED:

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KHOU	HOUSTON	TX

COMMUNICATIONS:

CHART: ATIS, CLNC DEL, CPDLC, HOU GND CON, HOU ATCT.

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

ABBREVIATED AMENDMENT



<u>DP NAME</u> PTRON	<u>NUMBER</u> NINE	<u>DP COMPUTER CODE</u> PTRON9.PTRON	<u>SUPERSEDED NUMBER</u> EIGHT	<u>DATED</u> 01/27/2022		<u>ACTUAL EFFECTIVE DATE</u> 08 SEP 2022
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<u>FLIGHT INSPECTED BY</u> DUSTIN D HANSON	<i>Digitally signed by</i> CASIMIR L TABAKA Jul 07, 2022		<u>OFFICE</u> FPO	<u>DATE</u> 06/15/2022		
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<u>DEVELOPED BY</u> KARLIE BUNTIN	<i>Digitally signed by</i> KARLIE B BUNTIN Jul 06, 2022		<u>OFFICE</u> AJV-A432	<u>DATE</u> 03/29/2022		
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<u>APPROVED BY</u> CASIMIR TABAKA	<i>Digitally signed by</i> CASIMIR L TABAKA Jul 07, 2022		<u>OFFICE</u> AJV-A432	<u>DATE</u>		<u>TITLE</u> MANAGER
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REQUIRED EFFECTIVE DATE
ROUTINE

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU ARTCC, HOU DEP CON, HOU ATCT, AMGR

CHANGES - REASONS:

1. PTRON TO SKUBA MOCA INCREASED FROM 2200 TO 2500 - NEW CONTROLLING OBSTACLE: 1449 TOWER 292157.99N/0952257.58W (48-183650).
2. YOMOM TO CRP VORTAC MOCA INCREASED FROM 1500 TO 1600 - NEW CONTROLLING OBSTACLE: 554 STACK 27537.36N/0971615.22W (48-136081).
3. CHANGED PROCEDURAL DATA NOTE OF "RNAV 1" AND "DME/DME/IRU OR GPS REQUIRED" TO PBN REQUIREMENTS NOTE OF "RNAV 1 - DME/DME/IRU OR GPS" -- IAW 8260.46H 2-1-1 (F)6(C)5.
4. REMOVED HOU DEP CON FROM COMMUNICATIONS -- IAW 8260.46H APPENDIX B(5).
5. MOVED "RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT REQUIREMENTS NOTES -- IAW 8260.46H APPENDIX E(6).
6. REMOVED REFERENCE TO MAGNETIC VARIATION FROM ADDITIONAL FLIGHT DATA -- IAW 8260.46H APPENDIX E(12).

THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 6/17/2022.

1. COMMUNICATIONS: ADDED "CHART" PRIOR TO COMMUNICATION FACILITY TYPES.



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

DP NAME						NUMBER	DP COMPUTER CODE		SUPERSEDED NUMBER		DATED	ACTUAL EFFECTIVE DATE
PTRON						NINE	PTRON9.PTRON		EIGHT		01/27/2022	08 SEP 2022
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS			
RW04 (AER)	293820.80N/0951707.16W	N	-	-	-	-						
560 MSL	-	-	-	VA	043.95	-	AT/ABOVE 560		CG 500 FT/NM TO 900.			
-	-	-	-	VM	043.95	-						
RW13L (AER)	293909.39N/0951701.94W	N	-	-	-	-						
560 MSL	-	-	-	VA	133.95	-	AT/ABOVE 560		CG 500 FT/NM TO 3600.			
-	-	-	-	VM	133.95	-						
RW13R (AER)*	293856.27N/0951659.41W*	N	-	-	-	-			*DISPL THLD (1034 FT)			
560 MSL	-	-	-	VA	133.95	-	AT/ABOVE 560		CG 500 FT/NM TO 3800.			
-	-	-	-	VM	133.95	-						
RW22 (AER)	293914.97N/0951607.36W	N	-	-	-	-						
560 MSL	-	-	-	VA	223.96	-	AT/ABOVE 560		CG 500 FT/NM TO 1900.			
-	-	-	-	VM	223.96	-						
RW31L (AER)	293811.14N/0951605.85W	N	-	-	-	-						
560 MSL	-	-	-	VA	313.96	-	AT/ABOVE 560		CG 500 FT/NM TO 560.			
-	-	-	-	VM	313.96	-						
RW31R (AER)	293834.02N/0951619.93W	N	-	-	-	-						
560 MSL	-	-	-	VA	313.95	-	AT/ABOVE 560		CG 500 FT/NM TO 560.			

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>
PTRON		NINE		PTRON9.PTRON		EIGHT		01/27/2022	08 SEP 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>
-	-	-	-	VM	313.95	-			
SAALT	292949.81N/0951152.37W	Y	-	IF	-	-			
PTRON	292621.73N/0951250.13W	Y	FB	TF	193.66	3.56			
PTRON	292621.73N/0951250.13W	Y	-	IF	-	-			PTRON9.CRP
SKUBA	291143.09N/0954728.37W	Y	FB	TF	244.39	33.62			
PSX VORTAC	284551.93N/0961822.25W	Y	FB	TF	226.55	37.41			
YOMOM	275915.35N/0970855.98W	Y	FB	TF	224.02	64.42			
CRP VORTAC	275413.56N/0972641.57W	Y	FB	TF	252.38	16.51			
PTRON	292621.73N/0951250.13W	Y	-	IF	-	-			PTRON9.WWREN
RIIGG	285408.68N/0953701.36W	Y	FB	TF	213.48	38.48			
WWREN	280753.99N/0960554.98W	Y	FB	TF	209.01	52.68			
PTRON	292621.73N/0951250.13W	Y	-	IF	-	-			PTRON9.NGP
RIIGG	285408.68N/0953701.36W	Y	FB	TF	213.48	38.48			
NGP TACAN	274110.60N/0971741.07W	Y	FB	TF	231.08	114.85			
PTRON	292621.73N/0951250.13W	Y	-	IF	-	-			PTRON9.PSX
SKUBA	291143.09N/0954728.37W	Y	FB	TF	244.39	33.62			
PSX VORTAC	284551.93N/0961822.25W	Y	FB	TF	226.55	37.41			
PTRON	292621.73N/0951250.13W	Y	-	IF	-	-			PTRON9.YOMOM



<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
PTRON		NINE		PTRON9.PTRON		EIGHT		01/27/2022	08 SEP 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>
SKUBA	291143.09N/0954728.37W	Y	FB	TF	244.39	33.62			
PSX VORTAC	284551.93N/0961822.25W	Y	FB	TF	226.55	37.41			
YOMOM	275915.35N/0970855.98W	Y	FB	TF	224.02	64.42			

