

**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SUPERSEDED NUMBER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	EIGHT	PTRON8.PTRON	SEVEN	10/07/2021	27 JAN 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"/>

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	PTRON8.CRP	PTRON	SKUBA	TRACK 241.39	33.62	11100	2200	
			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	1500	
WWREN	PTRON8.WWREN	PTRON	RIIGG	TRACK 210.48	38.48	10900	3000	
			WWREN	TRACK 206.01	52.68	12000	2100	
TRUAX	PTRON8.NGP	PTRON	RIIGG	TRACK 210.48	38.48	10900	3000	
			NGP TACAN	TRACK 228.08	114.85	12000	1700	
PALACIOS	PTRON8.PSX	PTRON	SKUBA	TRACK 241.39	33.62	11100	2200	
			PSX VORTAC	TRACK 223.55	37.41	12000	2600	
YOMOM	PTRON8.YOMOM	PTRON	SKUBA	TRACK 241.39	33.62	11100	2200	
			PSX VORTAC	TRACK 223.55	37.41	12000	2600	
			YOMOM	TRACK 221.02	64.42	12000	1800	

QUALITY
33
CHECKED

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PTRON	EIGHT	PTRON8.PTRON	SEVEN	10/07/2021	27 JAN 2022

PROCEDURAL DATA NOTES:

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED.

NOTE: RNAV 1

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.

OBSTACLE MANDATING ODP ROUTE DEVELOPMENT: RWYS 31L, 31R: 2049 FT MSL TOWER 293430.00N/0952938.00W.

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

REFERENCE MAGVAR: KHOU 3E EPOCH YR: 2015.

DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART: TOP ALTITUDE 16000.

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

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
WILLIAM P HOBBY	KHOU	HOUSTON	TX

COMMUNICATIONS:

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

HOU DEP CON 127.125/269.075.

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

TOPOGRAPHIC CHARTS NOT AVAILABLE BELOW 28 DEGREES NORTH.

ABBREVIATED AMENDMENT



<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	EIGHT	PTRON8.PTRON	SEVEN	10/07/2021	27 JAN 2022

FLIGHT INSPECTED BY

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION.

*Digitally signed by***JON DENTON**

Dec 06, 2021

OFFICE**DATE****DEVELOPED BY**

JON DENTON (JOHN KEEFER)

*Digitally signed by***JON DENTON**

Dec 06, 2021

OFFICE**DATE**

AJV-A432

10/07/2021

APPROVED BY

LONNIE EVERHART

*Digitally signed by***JON DENTON**

Dec 06, 2021

OFFICE**DATE**

AJV-A430

TITLE

MANAGER

REQUIRED EFFECTIVE DATE

ROUTINE

COORDINATED WITH:**A4A** ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZHU ARTCC, HOU DEP CON, HOU ATCT, AMGR**CHANGES - REASONS:**

1. CHANGED DP ROUTE DESCRIPTION RWY 13L HEADING FROM 130.93 TO 130.95 - NEW AIRNAV DATA.
2. CHANGED DP ROUTE DESCRIPTION RWY 31R HEADING FROM 310.94 TO 310.95 - NEW AIRNAV DATA.
3. CHANGED CONTROLLING OBSTACLE MANDATING ODP ROUTE DEVELOPMENT FROM RWY 13R, 31L TO RWYS 31L, 31R. - FORM CORRECTION.
4. REMOVED PILOT NAVIGATION AREA DOCUMENTED IN ADDITIONAL FLIGHT DATA SECTION. - 8260.46G COMPLIANCE.
5. REMOVED REMARK: PYTRON EIGHT AMENDMENT DOES NO SATISFY PERIODIC REVIEW REQUIREMENTS. - REDUNDANT NOTE.
6. MOVED CHART: KHOU DEPARTURE FREQUENCY 127.125/269.075 FROM ADDITIONAL FLIGHT DATA TO COMMUNICATIONS. - 8260.46G COMPLIANCE.
7. REMOVED ZHU ARTCC FROM COMMUNICATIONS. - DOES NOT NEED TO BE CHARTED IAW 8260.46G.
8. CHANGED GND CON TO HOU GND CON IN COMMUNICATIONS. - 8260.46G COMPLIANCE.

QUALITY
33
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**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

DP NAME				NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		ACTUAL EFFECTIVE DATE	
PTRON				EIGHT		PTRON8.PTRON		SEVEN		10/07/2021		27 JAN 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 PER NM TO 900				
-	-	-	-	VM	043.95	-							
RW13L (AER)	293909.39N/0951701.94W	N	-	-									
560 MSL	-	-	-	VA	133.95	-	AT/ABOVE 560		CG 500 FT PER 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 PER NM TO 3800				
-	-	-	-	VM	133.95	-							
RW22 (AER)	293914.97N/0951607.36W	N	-	-	-	-							
560 MSL	-	-	-	VA	223.96	-	AT/ABOVE 560		CG 500 FT PER NM TO 1900				
-	-	-	-	VM	223.96	-							
RW31L (AER)	293811.14N/0951605.85W	N	-	-	-	-							
560 MSL	-	-	-	VA	313.96	-	AT/ABOVE 560		CG 500 FT PER NM TO 560				
-	-	-	-	VM	313.96	-							
RW31R (AER)	293834.02N/0951619.93W	N	-	-	-	-							
560 MSL	-	-	-	VA	313.95	-	AT/ABOVE 560		CG 500 FT PER NM TO 560				

QUALITY 22

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PTRON		EIGHT		PTRON8.PTRON		SEVEN		10/07/2021	27 JAN 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	-	-			PTRON8.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	-	-			PTRON8.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	-	-			PTRON8.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	-	-			PTRON8.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	-	-			PTRON8.YOMOM

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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		EIGHT		PTRON8.PTRON		SEVEN		10/07/2021	27 JAN 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			

