

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
GRAPHIC DEPARTURE PROCEDURES (DP)**

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KARRR	FIVE	KARRR5.KARRR	FOUR	06/22/2017	25 APR 2019
<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:**

**CONROE-NORTH HOUSTON RGNL (KCXO)**

TAKEOFF RWY 1: CLIMB ON HEADING 012.17 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 14: CLIMB ON HEADING 140.48 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 19: CLIMB ON HEADING 192.17 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 320.49 TO 760, FOR RADAR VECTORS TO KARRR, THENCE...

**RWJ AIRPARK (K54T)**

TAKEOFF RWY 8: CLIMB ON HEADING 084.03 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 26: CLIMB ON HEADING 264.03 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**CLEVELAND MUNI (K6R3)**

TAKEOFF RWY 16: CLIMB ON HEADING 156.75 TO 1400, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 336.75 TO 2000, FOR RADAR VECTORS TO KARRR, THENCE...

**HOUSTON-SOUTHWEST (KAXH)**

TAKEOFF RWY 9: CLIMB ON HEADING 089.24 TO 2000, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 27: CLIMB ON HEADING 269.24 TO 2200, FOR RADAR VECTORS TO KARRR, THENCE...

**DAVID WAYNE HOOKS MEMORIAL (KDWL)**

TAKEOFF RWY 17R: CLIMB ON HEADING 167.76 TO 660, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35L: CLIMB ON HEADING 347.76 TO 660, FOR RADAR VECTORS TO KARRR, THENCE...

**ELLINGTON (KEFD)**

TAKEOFF RWY 4: CLIMB ON HEADING 038.85 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 17L: CLIMB ON HEADING 173.85 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 17R: CLIMB ON HEADING 173.84 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 22: CLIMB ON HEADING 218.86 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35L: CLIMB ON HEADING 353.84 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35R: CLIMB ON HEADING 353.85 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**SCHOLES INTL AT GALVESTON (KGLS)**

TAKEOFF RWY 14: CLIMB ON HEADING 138.11 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 18: CLIMB ON HEADING 178.86 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 318.12 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 358.86 TO 520, FOR RADAR VECTORS TO KARRR, THENCE...

**BAYTOWN (KHPY)**

TAKEOFF RWY 14: CLIMB ON HEADING 139.75 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 319.75 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**WEST HOUSTON (KIWS)**



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TAKEOFF RWY 15: CLIMB ON HEADING 149.68 TO 620, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 33: CLIMB ON HEADING 329.68 TO 620, FOR RADAR VECTORS TO KARRR, THENCE...

**TEXAS GULF COAST RGNL (KLBX)**

TAKEOFF RWY 17: CLIMB ON HEADING 174.93 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 354.93 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**PEARLAND RGNL (KLVJ)**

TAKEOFF RWY 14: CLIMB ON HEADING 141.67 TO 1600, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 32: CLIMB ON HEADING 321.67 TO 900, FOR RADAR VECTORS TO KARRR, THENCE...

**SUGAR LAND RGNL (KSGR)**

TAKEOFF RWY 17: CLIMB ON HEADING 170.28 TO 1500, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 35: CLIMB ON HEADING 350.28 TO 1100, FOR RADAR VECTORS TO KARRR, THENCE...

**CHAMBERS COUNTY (KT00)**

TAKEOFF RWY 12: CLIMB ON HEADING 123.74 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 30: CLIMB ON HEADING 303.74 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**LA PORTE MUNI (KT41)**

TAKEOFF RWY 5: CLIMB ON HEADING 046.34 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 12: CLIMB ON HEADING 121.17 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 23: CLIMB ON HEADING 226.35 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 30: CLIMB ON HEADING 301.18 TO 540, FOR RADAR VECTORS TO KARRR, THENCE...

**LIBERTY MUNI (KT78)**

TAKEOFF RWY 16: CLIMB ON HEADING 160.77 TO 1700, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 34: CLIMB ON HEADING 340.78 TO 1000, FOR RADAR VECTORS TO KARRR, THENCE...

**HOUSTON EXECUTIVE (KTME)**

TAKEOFF RWY 18: CLIMB ON HEADING 175.25 TO 680, FOR RADAR VECTORS TO KARRR, THENCE...  
TAKEOFF RWY 36: CLIMB ON HEADING 355.25 TO 680, FOR RADAR VECTORS TO KARRR, THENCE...

...ON TRACK 218.32 TO KAVCY, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. 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	KARRR5.CRP	KAVCY	SKUBA	TRACK 245.55	18.31	7800	1500	
		SKUBA	PSX VORTAC	TRACK 221.55	37.41	12000	2600	
		PSX VORTAC	YOMOM	TRACK 219.02	64.42	12000	1800	
		YOMOM	CRP VORTAC	TRACK 247.38	16.51	12000	1500	

QUALITY  
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KARRR			FIVE	KARRR5.KARRR	FOUR		06/22/2017	25 APR 2019
WWREN	KARRR5.WWREN	KAVCY	RIIGG	TRACK 194.01	25.01	9200	1700	
		RIIGG	WWREN	TRACK 204.01	52.68	12000	2100	
TRUAX	KARRR5.NGP	KAVCY	RIIGG	TRACK 194.01	25.01	9200	1700	
		RIIGG	NGP VORTAC	TRACK 226.08	114.85	12000	1700	
PALACIOS	KARRR5.PSX	KAVCY	SKUBA	TRACK 245.55	18.31	7800	1500	
		SKUBA	PSX VORTAC	TRACK 221.55	37.41	12000	2600	
YOMOM	KARRR5.YOMOM	KAVCY	SKUBA	TRACK 245.55	18.31	7800	1500	
		SKUBA	PSX VORTAC	TRACK 221.55	37.41	12000	2600	
		PSX VORTAC	YOMOM	TRACK 219.02	64.42	12000	1800	

**PROCEDURAL DATA NOTES:****NOTE:** DME/DME/IRU OR GPS REQUIRED.**NOTE:** RADAR REQUIRED.**NOTE:** RNAV 1.**TAKEOFF MINIMUMS:****CONROE-NORTH HOUSTON RGNL (KCXO)**

RWY 1, 14, 19, 32 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 760.

**RWJ AIRPARK (K54T)**

RWY 14, 32 - NA ENVIRONMENTAL.

RWY 8, 26 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**CLEVELAND MUNI (K6R3)**

RWY 16, 34 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 660.

**HOUSTON-SOUTHWEST (KAXH)**

RWY 9, 27 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.

**DAVID WAYNE HOOKS MEMORIAL (KDWH)**

RWY 17L, 35R NA-ENVIRONMENTAL.

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WATERWAY 17, 35 NA-AIR TRAFFIC.  
RWY 17R, 35L STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 660.

**ELLINGTON (KEFD)**  
RWY 4, 17L, 17R, 22, 35L, 35R STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**SCHOLES INTL AT GALVESTON (KGLS)**  
RWY 14, 18, 32, 36 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.

**BAYTOWN (KHPY)**  
RWY 14, 32 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**WEST HOUSTON (KIWS)**  
RWY 15, 33 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 620.

**TEXAS GULF COAST RGNL (KLBX)**  
RWY 17, 35 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**PEARLAND RGNL (KLJVJ)**  
RWY 14, 32 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 560.

**SUGAR LAND RGNL (KSGR)**  
RWY 17, 35 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 600.

**CHAMBERS COUNTY (KT00)**  
RWY 17, 35 NA-ENVIRONMENTAL.  
RWY 12, 30 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**LA PORTE MUNI (KT41)**  
RWY 5, 12, 23, 30 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.

**LIBERTY MUNI (KT78)**  
RWY 16, 34 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.

**HOUSTON EXECUTIVE (KTME)**  
RWY 18, 36 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 680.

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

**CONTROLLING OBSTACLES:**  
**CLEVELAND MUNI (K6R3)**  
OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16: 2049 FT MSL TOWER 301351.00N/0950726.00W. RWY 34: 2049 FT MSL TOWER 303207.00N/0950105.00W.

**HOUSTON-SOUTHWEST (KAXH)**  
RWY 9, 27: 2049 FT MSL TOWERS 293341.00N/0953005.00W.

**ELLINGTON (KEFD)**  
RWY 22: 192 FT MSL WATER TOWER 293521.00N/0951048.09W.



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**SCHOLES INTL AT GALVESTON (KGLS)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 32: 2013 FT MSL TOWER 291800.65N/0950640.27W.

**BAYTOWN (KHPY)**

RWY 14: 180 FT MSL TOWER 294613.50N/0945637.80W.

**PEARLAND RGNL (KLVJ)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 14, 32: 1200 FT MSL TOWER 292757.00N/0951324.00W.

**SUGAR LAND RGNL (KSGR)**

RWY 17: 2049 FT MSL TOWER 293415.70N/0953038.30W.

RWY 35: 2049 FT MSL TOWER 293435.00N/0953037.00W.

**LA PORTE MUNI (KT41)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 05: 334 FT MSL STACK 294201.00N/0950211.00W. RWY 12: 499 FT MSL STACK 293747.00N/0950316.00W. RWY 30: 584 FT MSL TOWER 294253.26N/0950540.31W.

**LIBERTY MUNI (KT78)**

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16: 2049 FT MSL TOWER 300102.20N/0943247.89W, 2042 FT MSL TOWER 300306.00N/0943138.00W, 2040 FT MSL TOWER 295609.78N/0943039.38W. RWY 34: 2049 FT MSL TOWER 300102.20N/0943247.89W, 2042 FT MSL TOWER 300306.00N/0943138.00W.

**HOUSTON EXECUTIVE (KTME)**

RWY 36: 546 MSL TOWER 295050.00N/0955259.00W.

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

REFERENCE MAG VAR: KCXO 5E EPOCH YR: 2000. DME/DME ASSESSMENT: SAT (RNP 2.0)

CONROE-NORTH HOUSTON RGNL (KCXO) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
RWJ AIRPARK (K54T) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
CLEVELAND MUNI (K6R3) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
HOUSTON-SOUTHWEST (KAXH) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
DAVID WAYNE HOOKS MEMORIAL (KDWH) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
ELLINGTON (KEFD) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
SCHOLES INTL AT GALVESTON (KGLS) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
BAYTOWN (KHPY) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
WEST HOUSTON (KIWS) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
TEXAS GULF COAST RGNL (KLBX) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
PEARLAND RGNL (KLVJ) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
SUGAR LAND RGNL (KSGR) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
CHAMBERS COUNTY (KT00) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
LA PORTE MUNI (KT41) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
LIBERTY MUNI (KT78) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.  
HOUSTON EXECUTIVE (KTME) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.



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CHART: MEA/MOCA FROM KARRR TO KAVCY, 4200/2100.

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON KARRR (IF), CW  
FROM: POINT A (BEARING 173 DEGREES TO KARRR)  
TO: POINT B (BEARING 263 DEGREES TO KARRR)  
MINIMUM ATC ALTITUDE AT KARRR - 3000  
MAXIMUM ATC ALTITUDE AT KARRR - 16000

CHART: DEPARTURE FREQUENCIES: CXO/6R3/T78 - 119.7/281.4; AXH/IWS/SGR/TME - 123.8/257.7; EFD/GLS/HPY/LBX/LVJ/54T/T00/T41 - 134.45/284.0; DWH - DEPARTING RWYS 17L/R DEPARTURE FREQUENCY 123.8/257.7, DEPARTING RWYS 35L/R DEPARTURE FREQUENCY 119.7/281.4.

**AIRPORTS SERVED:**

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
CONROE-NORTH HOUSTON RGNL (KCXO)	HOUSTON	TX
RWJ AIRPARK (K54T)	BAYTOWN	TX
CLEVELAND MUNI (K6R3)	CLEVELAND	TX
HOUSTON-SOUTHWEST (KAXH)	HOUSTON	TX
DAVID WAYNE HOOKS MEMORIAL (KDWH)	HOUSTON	TX
ELLINGTON (KEFD)	HOUSTON	TX
SCHOLES INTL AT GALVESTON (KGLS)	GALVESTON	TX
BAYTOWN (KHPY)	BAYTOWN	TX
WEST HOUSTON (KIWS)	HOUSTON	TX
TEXAS GULF COAST RGNL (KLBX)	ANGLETON/LAKE JACKSON	TX
PEARLAND RGNL (KLVJ)	HOUSTON	TX
SUGAR LAND RGNL (KSGR)	HOUSTON	TX
CHAMBERS COUNTY (KT00)	ANAHUAC	TX
LA PORTE MUNI (KT41)	LA PORTE	TX

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LIBERTY MUNI (KT78)			LIBERTY		TX
HOUSTON EXECUTIVE (KTME)			HOUSTON		TX

**COMMUNICATIONS:****ATIS:** CXO, EFD, DWH.**AWOS/ASOS:** CXO, EFD, DWH, SGR, AXH, TME, GLS, LBX, 6R3, LVJ.**CTAF:** CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78.**CLNC DEL:** CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, LVJ.**GND CON:** EFD, CXO, DWH, SGR, GLS.**TWR:** EFD, CXO, DWH, SGR, GLS.**DEP CON:** CXO/6R3/T78 - 119.7/281.4, AXH/IWS/SGR/TME - 123.8/257.7, EFD/GLS/HPY/LBX/LVJ/54T/T00/T41 - 134.45/284.0. DWH - DEPARTING RWYS 17L/R DEPARTURE FREQUENCY 123.8/257.7, DEPARTING RWYS 35L/R DEPARTURE FREQUENCY 119.7/281.4.**FIXES AND/OR NAVAIDS:****REMARKS:**

ABBREVIATED AMENDMENT

**FLIGHT INSPECTED BY:****OFFICE SYMBOL:****DATE:**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED.

**DEVELOPED BY:**

ROBERT GRIM

*Digitally signed by***ROBERT GRIM**

Nov 27, 2018

*Digitally signed by***DONALD H LANIER**

Dec 10, 2018

**OFFICE SYMBOL:**

AJV-5431

**DATE:**

11/09/2018

**APPROVED BY:**

PATRICK MULQUEEN

*Digitally signed by***DONALD H LANIER**

Dec 10, 2018

**OFFICE SYMBOL:**

AJV-5430

**DATE:****REQUIRED EFFECTIVE DATE:**

ROUTINE

**COORDINATED WITH:****A4A****ALPA****AOPA****APA****HAI****NBAA****OTHER:**

ZHU ARTCC, HOU DEP CON, DWH ATCT, EFD ATCT, SGR ATCT, CXO ATCT. AMGR: 54T, 6R3, AXH, CXO, DWH, GLS, HPY, IWS, LBX, LVJ, SGR, T00, T41, T78, TME, EFD.

**CHANGES - REASONS:**

1. REMOVED DP ROUTE DESCRIPTION FOR RWJ AIRPARK (K54T) FOR RWY 14 AND 32. - RUNWAYS ARE NA FOR ENVIRONMENTAL.
2. REPLACED THE TAKEOFF MINIMUMS FOR RWJ AIRPARK (K54T) FOR RWY 14 AND 32 WITH NA - ENVIRONMENTAL. - TURF RUNWAYS.

QUALITY  
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3. DELETED TAKEOFF OBSTACLE NOTES - IAW CRITERIA MEMO 259.

4. CHANGED "EXPECT" TO "FOR" IN DP ROUTE DESCRIPTIONS - IAW 8260.46F 1-1-6 (3).





**FEDERAL AVIATION ADMINISTRATION  
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DEPARTURE (DATA RECORD)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
KARRR							FIVE	KARRR5.KARRR	FOUR	06/22/2017	25 APR 2019
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)		ALTITUDE	SPEED		REMARKS
KARRR	292242.43N/0952231.47W	Y	-	IF	-	-					
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65					
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-					KARRR5.CRP
SKUBA	291143.09N/0954728.37W	Y	FB	TF	250.55	18.31					
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					
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-					KARRR5.WWREN
RIIGG	285408.68N/0953701.36W	Y	FB	TF	199.01	25.01					
WWREN	280753.99N/0960554.98W	Y	FB	TF	209.01	52.68					
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-					KARRR5.NGP
RIIGG	285408.68N/0953701.36W	Y	FB	TF	199.01	25.01					
NGP VORTAC	274110.60N/0971741.07W	Y	FB	TF	231.08	114.85					
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-					KARRR5.PSX
SKUBA	291143.09N/0954728.37W	Y	FB	TF	250.55	18.31					
PSX VORTAC	284551.93N/0961822.25W	Y	FB	TF	226.55	37.41					

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**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>EFFECTIVE DATE</u>
KARRR		FIVE		KARRR5.KARRR		FOUR		06/22/2017	25 APR 2019
<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>
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-			KARRR5.YOMOM
SKUBA	291143.09N/0954728.37W	Y	FB	TF	250.55	18.31			
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			

QUALITY  
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