

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

LONE STAR EXECUTIVE (KCXO)

TAKEOFF RWY 1: CLIMB ON HEADING 012.16 TO 760, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 140.48 TO 760, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 19: CLIMB ON HEADING 192.17 TO 760, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 320.48 TO 760, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

RWJ AIRPARK (K54T)

TAKEOFF RWY 8: CLIMB ON HEADING 084.03 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 14: CLIMB ON HEADING 142.55 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 26: CLIMB ON HEADING 264.03 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 322.55 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

CLEVELAND MUNI (K6R3)

TAKEOFF RWY 16: CLIMB ON HEADING 156.75 TO 1400, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 34: CLIMB ON HEADING 336.75 TO 2000, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

HOUSTON-SOUTHWEST (KAXH)

TAKEOFF RWY 9: CLIMB ON HEADING 089.24 TO 2000, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 27: CLIMB ON HEADING 269.24 TO 2200, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

DAVID WAYNE HOOKS MEMORIAL (KDWH)

TAKEOFF RWY 17R: CLIMB ON HEADING 167.76 TO 660, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 35L: CLIMB ON HEADING 347.76 TO 660, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

ELLINGTON (KEFD)

TAKEOFF RWY 4: CLIMB ON HEADING 038.85 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 17L: CLIMB ON HEADING 173.85 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 17R: CLIMB ON HEADING 173.84 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 22: CLIMB ON HEADING 218.86 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 35L: CLIMB ON HEADING 353.84 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 35R: CLIMB ON HEADING 353.85 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

SCHOLES INTL AT GALVESTON (KGLS)

TAKEOFF RWY 14: CLIMB ON HEADING 135.11 TO 520, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 18: CLIMB ON HEADING 175.86 TO 520, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 315.12 TO 520, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 36: CLIMB ON HEADING 355.86 TO 520, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

BAYTOWN (KHPY)

TAKEOFF RWY 14: CLIMB ON HEADING 137.75 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...
 TAKEOFF RWY 32: CLIMB ON HEADING 317.75 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

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WEST HOUSTON (KIWS)

TAKEOFF RWY 15: CLIMB ON HEADING 149.68 TO 620, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 33: CLIMB ON HEADING 329.68 TO 620, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TEXAS GULF COAST RGNL (KLBX)

TAKEOFF RWY 17: CLIMB ON HEADING 174.93 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 35: CLIMB ON HEADING 354.93 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

PEARLAND RGNL (KLVJ)

TAKEOFF RWY 14: CLIMB ON HEADING 139.67 TO 1600, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 32: CLIMB ON HEADING 319.67 TO 900, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

SUGAR LAND RGNL (KSGR)

TAKEOFF RWY 17: CLIMB ON HEADING 170.28 TO 1500, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 35: CLIMB ON HEADING 350.28 TO 1100, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

CHAMBERS COUNTY (KT00)

TAKEOFF RWY 12: CLIMB ON HEADING 123.74 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 303.74 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

LA PORTE MUNI (KT41)

TAKEOFF RWY 5: CLIMB ON HEADING 046.34 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 12: CLIMB ON HEADING 121.17 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 23: CLIMB ON HEADING 226.35 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 301.18 TO 540, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

LIBERTY MUNI (KT78)

TAKEOFF RWY 16: CLIMB ON HEADING 160.77 TO 1700, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 34: CLIMB ON HEADING 340.78 TO 1000, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

HOUSTON EXECUTIVE (KTME)

TAKEOFF RWY 18: CLIMB ON HEADING 174.25 TO 680, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

TAKEOFF RWY 36: CLIMB ON HEADING 354.25 TO 680, EXPECT RADAR VECTORS TO KARRR, CROSS KARRR AT OR BELOW 16000, THENCE...

...ON TRACK 218.32 TO KAVCY, THEN ON (TRANSITION). MAINTAIN 4000 OR AS ASSIGNED BY ATC. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
CORPUS CHRISTI	KARRR2.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	

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KARRR			TWO	KARRR2.KARRR		ONE	05/29/2014	18 SEP 2014
WWREN	KARRR2.WWREN	KAVCY	JAWNS	TRACK 194.01	25.01	9200	1700	
		JAWNS	WWREN	TRACK 204.01	52.68	12000	2100	
TRUAX	KARRR2.NGP	KAVCY	JAWNS	TRACK 194.01	25.01	9200	1700	
		JAWNS	NGP VORTAC	TRACK 226.08	114.85	12000	1700	
PALACIOS	KARRR2.PSX	KAVCY	SKUBA	TRACK 245.55	18.31	7800	1500	
		SKUBA	PSX VORTAC	TRACK 221.55	37.41	12000	2600	
YOMOM	KARRR2.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/TAKEOFF MINIMUMS:

PROCEDURAL DATA NOTES

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RADAR REQUIRED.

NOTE: RNAV 1.

TAKEOFF MINIMUMS:

RWJ AIRPARK (K54T)

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

RWY 14, 32 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540 – NA AT NIGHT.

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.

LONE STAR EXECUTIVE (KCXO)

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

DAVID WAYNE HOOKS MEMORIAL (KDPH)

RWY 17L, 35R, NA-ENVIRONMENTAL.

WATERWAY 17, 35, NA-AIR TRAFFIC.

RWY 17R, 35L STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 660.

ELLINGTON (KEFD)

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

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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 (KLVJ)

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:

RWJ AIRPARK (K54T)

NOTE: RWY 8: TREES BEGINNING 21 FT FROM DER, 152 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/129 FT MSL. VEHICLE ON ROAD BEGINNING 100 FT FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/44 FT MSL. FENCE BEGINNING ABEAM DER, 115 FT RIGHT OF CENTERLINE, UP TO 6 FT AGL/35 FT MSL. TREES BEGINNING 133 FT FROM DER, 333 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/129 FT MSL. BUILDINGS BEGINNING 266 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT AGL/59 FT MSL. POWER LINES BEGINNING 356 FT FROM DER, 460 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/61 FT MSL. POLE 663 FT FROM DER, 188 FT RIGHT OF CENTERLINE, 100 FT AGL/129 FT MSL.

NOTE: RWY 14: VEHICLE ON ROAD BEGINNING 10 FT FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/44 FT MSL. BUILDINGS BEGINNING 35 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT AGL/59 FT MSL. TREES BEGINNING 30 FT FROM DER, CROSSING CENTERLINE, UP TO 100 FT AGL/129 FT MSL. POWER LINES BEGINNING 341 FT FROM DER, CROSSING CENTERLINE, UP TO 32 FT AGL/61 FT MSL.

NOTE: RWY 26: BUILDINGS BEGINNING 47 FT FROM DER, 118 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/64 FT MSL. BUILDINGS BEGINNING 187 FT FROM DER, 85 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/64 FT MSL. POWER LINES BEGINNING 407 FT FROM DER, CROSSING CENTERLINE, UP TO 32 FT AGL/66 FT MSL. VEHICLE ON ROAD BEGINNING 448 FT FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/49 FT MSL. TREES BEGINNING 619 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/134 FT MSL. QUARRY EQUIPMENT 2800 FT FROM DER, 193 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/134 FT MSL.

NOTE: RWY 32: VEHICLE ON ROAD BEGINNING 10 FT FROM DER, CROSSING CENTERLINE, UP TO 15 FT AGL/49 FT MSL. FENCE BEGINNING 30 FT FROM DER, CROSSING

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CENTERLINE, UP TO 6 FT AGL/40 FT MSL. BUILDINGS BEGINNING 29 FT FROM DER, 223 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/64 FT MSL. BUILDINGS BEGINNING 31 FT FROM DER, 146 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/64 FT MSL. POWERLINES BEGINNING 259 FT FROM DER, 139 FT LEFT OF CENTERLINE, UP TO 32 FT AGL/66 FT MSL. TREES BEGINNING 620 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/139 FT MSL.

CLEVELAND MUNI: (K6R3)

NOTE: RWY 16, TREES BEGINNING ABEAM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 100 FT AGL/239 FT MSL.

NOTE: RWY 34, TREES BEGINNING 120 FT FROM DER, 243 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/259 FT MSL. TREES AND POLES BEGINNING 225 FT FROM DER, 363 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/220 FT MSL. VEHICLES ON ROAD 738 FT FROM DER, RIGHT AND LEFT OF CENTERLINE, UP TO 19 FT AGL/169 FT MSL.

HOUSTON-SOUTHWEST: (KAXH)

NOTE: RWY 9, MULTIPLE HANGARS BEGINNING 239 FT FROM DER, 360 FT RIGHT OF CENTERLINE, UP TO 42 FT AGL/106 FT MSL. MULTIPLE TREES BEGINNING 501 FT FROM DER, 355 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/111 FT MSL. MULTIPLE HANGARS BEGINNING 119 FT FROM DER, 498 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/105 FT MSL. POLE 332 FT FROM DER, 299 FT LEFT OF CENTERLINE, 43 FT AGL/97 FT MSL. ANTENNA 1172 FT FROM DER, 658 FT LEFT OF CENTERLINE, 51 FT AGL/115 FT MSL. MULTIPLE TREES BEGINNING 558 FT FROM DER, 68 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/122 FT MSL.

NOTE: RWY 27, MULTIPLE TREES BEGINNING 1050 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/140 FT MSL. VEHICLE ON ROAD 99 FT FROM DER, 291 FT RIGHT OF CENTERLINE, 15 FT AGL/83 FT MSL. MULTIPLE TREES BEGINNING 873 FT FROM DER, 514 FT RIGHT OF CENTERLINE, UP TO 59 FT AGL/130 FT MSL. MULTIPLE TRANSMISSION POLES BEGINNING 1304 FT FROM DER, 131 FT RIGHT OF CENTERLINE, UP TO 41 FT AGL/110 FT MSL.

LONE STAR EXECUTIVE (KCXO)

NOTE: RWY 1, TREES BEGINNING 194 FT FROM DER, 130 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/374 FT MSL. TREES BEGINNING 817 FT FROM DER, 15 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/359 FT MSL.

NOTE: RWY 14, TREES AND OBSTRUCTION LIGHT ON DME BEGINNING 399 FT FROM DER, 80 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/329 FT MSL. TREES BEGINNING 640 FT FROM DER, 408 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/329 FT MSL.

NOTE: RWY 19, TREES BEGINNING 68 FT FROM DER, 64 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/344 FT MSL. TREES BEGINNING 1 FT FROM DER, 159 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/339 FT MSL.

NOTE: RWY 32, TREES BEGINNING 1785 FT FROM DER, 973 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/339 FT MSL. TREES AND VEHICLES ON ROAD BEGINNING 603 FT FROM DER, 458 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/354 FT MSL.

DAVID WAYNE HOOKS MEMORIAL: (KDWK)

NOTE: RWY 17R, MULTIPLE TREES BEGINNING 708 FT FROM DER, 68 FT LEFT OF CENTERLINE, UP TO 71 FT AGL/220 FT MSL. MULTIPLE HANGARS BEGINNING 433 FT FROM DER, 515 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/182 FT MSL. DME ANTENNA 653 FT FROM DER, 256 FT LEFT OF CENTERLINE, 13 FT AGL/162 FT MSL. MULTIPLE TREES AND POLE BEGINNING 85 FT FROM DER, 294 FT RIGHT OF CENTERLINE, UP TO 45 FT AGL/189 FT MSL.

NOTE: RWY 35L, MULTIPLE TREES AND POLES BEGINNING 144 FT FROM DER, 32 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/238 FT MSL. MULTIPLE HANGARS AND BUILDINGS BEGINNING 85 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 53 FT AGL/202 FT MSL. MULTIPLE TREES, TOWERS, AND POLES BEGINNING 100 FT FROM DER, 124 FT RIGHT OF CENTERLINE, UP TO 93 FT AGL/247 FT MSL. VEHICLE AND ROAD 315 FT FROM DER, ON CENTERLINE, 15 FT AGL/166 FT MSL. BUILDING 894 FT FROM DER, 231 FT RIGHT OF CENTERLINE, 23 FT AGL/173 FT MSL.

ELLINGTON: (KEFD)

NOTE: RWY 4, TREE 1526 FT FROM DER, 737 FT RIGHT OF CENTERLINE, 39 FT AGL/69 FT MSL.

NOTE: RWY 17R, POLE 1488 FT FROM DER, 817 FT RIGHT OF CENTERLINE, 40 FT AGL/74 FT MSL.

NOTE: RWY 22, OL ON GS AND EQUIPMENT 321 FT FROM DER, 544 FT LEFT OF CENTERLINE, 39 FT AGL/68 FT MSL. SIGN 213 FT FROM DER, 472 FT RIGHT OF CENTERLINE, 6 FT AGL/32 FT MSL. ANTENNA ON BUILDING 1998 FT FROM DER, 598 FT RIGHT OF CENTERLINE, 54 FT AGL/83 FT MSL. OBSTRUCTION LIGHT ON COMM EQUIPMENT AND ANTENNA 1626 FT FROM DER, 837 FT RIGHT OF CENTERLINE, 88 FT AGL/114 FT MSL. OL ON WATER TOWER AND TANK 6114 FT FROM DER, 1635 FT RIGHT OF CENTERLINE, 159 FT AGL/192 FT MSL.

NOTE: RWY 35R, TREE 1597 FT FROM DER, 32 FT LEFT OF CENTERLINE, 50 FT AGL/80 FT MSL. TANK 2639 FT FROM DER, 1157 FT RIGHT OF CENTERLINE, 77 FT AGL/109 FT MSL.

NOTE: RWY 35L, TREES BEGINNING 1119 FT FROM DER, 679 FT RIGHT OF CENTERLINE, UP TO 37 FT AGL/77 FT MSL. CRANE 2353 FT FROM DER, 1024 FT LEFT OF CENTERLINE, 58 FT AGL/97 FT MSL.

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SCHOLES INTL AT GALVESTON: (KGLS)

NOTE: RWY 14, BUILDING 2614 FT FROM DER, 376 FT RIGHT OF CENTERLINE, 76 FT AGL/81 FT MSL.

NOTE: RWY 18, BUILDINGS BEGINNING 2560 FT FROM DER, 284 FT LEFT OF CENTERLINE, UP TO 121 FT AGL/178 FT MSL. T-L TOWER 636 FT FROM DER, 551 FT RIGHT OF CENTERLINE, 55 FT AGL/60 FT MSL. TREES AND POLES BEGINNING 50 FT FROM DER, 75 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/65 FT MSL.

NOTE: RWY 32, CRANE 4434 FT FROM DER, 1081 FT LEFT OF CENTERLINE, 131 FT AGL/ 131 FT MSL.

NOTE: RWY 36, BUSH 419 FT FROM DER, 577 FT LEFT OF CENTERLINE, 12 FT AGL/17 FT MSL. TREE 526 FT FROM DER, 371 FT LEFT OF CENTERLINE, 14 FT AGL/19 FT MSL. TREES BEGINNING 713 FT FROM DER, 383 FT RIGHT OF CENTERLINE, UP TO 27 FT AGL/32 FT MSL.

BAYTOWN: NOTE: (KHPY)

RWY 14, MULTIPLE TREES, POWER POLES, AND HOUSES BEGINNING AT DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/89 FT MSL. VEHICLE 187 FT FROM DER, 47 FT RIGHT OF CENTERLINE, 15 FT AGL/44 FT MSL. TOWER 4066 FT FROM DER, 1217 FT RIGHT OF CENTERLINE, 156 FT AGL/180 FT MSL.

NOTE: RWY 32, VEHICLE 53 FT FROM DER, 23 FT RIGHT OF CENTERLINE, 15 FT AGL/49 FT MSL. BUILDINGS BEGINNING 104 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT AGL/59 FT MSL. TREES BEGINNING 116 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/94 FT MSL.

WEST HOUSTON: (KIWS)

NOTE: RWY 15, ROAD AND VEHICLE BEGINNING 74 FT FROM DER, 60 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/123 FT MSL. ROAD AND VEHICLE BEGINNING 342 FT FROM DER, 6 FT RIGHT OF CENTERLINE, UP TO 15 FT AGL/123 FT MSL. BUILDING 177 FT FROM DER, 398 FT LEFT OF CENTERLINE, 18 FT AGL/126 FT MSL. LIGHT POLE 942 FT FROM DER, 453 FT RIGHT OF CENTERLINE, 39 FT AGL/145 FT MSL. TREES BEGINNING 307 FT FROM DER, 26 FT LEFT OF CENTERLINE, UP TO 58 FT AGL/165 MSL TREES BEGINNING 130 FT FROM DER, 117 FT RIGHT OF CENTERLINE, UP TO 100 FT AGL/208 FT MSL.

NOTE: RWY 33, TREES BEGINNING 168 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 70 FT AGL/179 FT MSL. TREES BEGINNING 66 FT FROM DER, 3 FT RIGHT OF CENTERLINE, UP TO 75 FT AGL/184 FT MSL.

TEXAS GULF COAST RGNL: (KLBX)

NOTE: RWY 35, TREE 1510 FT FROM DER, 721 FT LEFT OF CENTERLINE, 48 FT AGL/68 FT MSL.

PEARLAND RGNL: (KLVJ)

NOTE: RWY 14, MULTIPLE TREES BEGINNING 199 FT FROM DER, 226 FT RIGHT OF CENTERLINE, UP TO 66 FT AGL/100 FT MSL. VEHICLE ON ROAD 398 FT FROM DER, 405 FT LEFT OF CENTERLINE, 9 FT AGL/55 FT MSL. TREES 1287 FT FROM DER, 453 FT LEFT OF CENTERLINE, UP TO 56 FT AGL/90 FT MSL.

NOTE: RWY 32, MULTIPLE TREES BEGINNING 690 FT FROM DER, 81 FT LEFT OF CENTERLINE, UP TO 79 FT AGL/128 FT MSL. MULTIPLE POLES BEGINNING 745 FT FROM DER, 24 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/80 FT MSL. MULTIPLE TREES AND POLES BEGINNING 29 FT FROM DER, 11 FT RIGHT OF CENTERLINE, UP TO 64 FT AGL/104 FT MSL. BLDG 237 FT FROM DER, 520 FT RIGHT OF CENTERLINE, 32 FT AGL/72 FT MSL.

SUGAR LAND RGNL: (KSGR)

NOTE: RWY 17, MULTIPLE POLES BEGINNING 436 FT FROM DER, 172 FT RIGHT OF CENTERLINE, UP TO 44 FT AGL/124 FT MSL. RAILROAD 110 FT FROM DER, 10 FT LEFT OF CENTERLINE, 23 FT AGL/104 FT MSL. MULTIPLE POLES BEGINNING 135 FT FROM DER, 270 FT LEFT OF CENTERLINE, UP TO 44 FT AGL/ 111 FT MSL. BUILDING 1036 FT FROM DER, 743 FT RIGHT OF CENTERLINE, 26 FT AGL/102 FT MSL.

NOTE: RWY 35, VEHICLE AND ROAD 65 FT FROM DER , 2 FT RIGHT OF CENTERLINE, 15 FT AGL/ 96 FT MSL. MULTIPLE TREES BEGINNING 37 FT FROM DER , 275 FT RIGHT OF CENTERLINE, UP TO 81 FT AGL/164 FT MSL. DME ANTENNA 380 FT FROM DER , 253 FT RIGHT OF CENTERLINE, 24 FT AGL/100 FT MSL. MULTIPLE TREES BEGINNING 83 FT FROM DER , 65 FT LEFT OF CENTERLINE, UP TO 81 FT AGL/155 FT MSL.

CHAMBERS COUNTY: (KT00)

NOTE: RWY 12, VEHICLES ON ROADWAY BEGINNING 19 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 15 FT AGL/34 FT MSL. TREES BEGINNING 986 FT FROM DER, 732 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/119 FT MSL.

NOTE: RWY 30, TREES BEGINNING 60 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 100 FT AGL/124 FT MSL. VEHICLES ON ROADWAY 121 FT FROM DER, 512 FT RIGHT OF CENTERLINE, UP TO 17 FT AGL/36 FT MSL. TOWER 2152 FT FROM DER, 593 FT RIGHT OF CENTERLINE 60 FT AGL/83 FT MSL.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

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KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

LA PORTE MUNI: (KT41)

NOTE: RWY 5: TREES BEGINNING 334 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 67 FT AGL/91 FT MSL. POLES BEGINNING 973 FT FROM DER, 387 FT LEFT OF CENTERLINE, UP TO 40 FT AGL/64 FT MSL. BUILDINGS BEGINNING 319 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 30 FT AGL/54 FT MSL. STACK 2.3 NM FROM DER, 3296 FT LEFT OF CENTERLINE, 300 FT AGL/334 FT MSL.

NOTE: RWY 12: POLES BEGINNING 127 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 54 FT AGL/74 FT MSL. TREES BEGINNING 183 FT FROM DER, 446 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/60 FT MSL. BUILDING 675 FT FROM DER, 411 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/55 FT MSL. TREES BEGINNING 888 FT FROM DER, 113 FT RIGHT OF CENTERLINE, UP TO 43 FT AGL/63 FT MSL.

NOTE: RWY 23: BUILDINGS BEGINNING 30 FT FROM DER, 242 FT LEFT OF CENTERLINE, UP TO 30 FT AGL/54 FT MSL. BUILDINGS BEGINNING 231 FT FROM DER, 134 FT RIGHT OF CENTERLINE, UP TO 30 FT AGL/54 FT MSL. TREES BEGINNING 243 FT FROM DER, 494 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/91 FT MSL. POLES BEGINNING 363 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 40 FT AGL/64 FT MSL. VEHICLE ON ROAD BEGINNING 493 FT FROM DER, 562 FT LEFT OF CENTERLINE, UP TO 15 FT AGL/39 FT MSL. TREES BEGINNING 573 FT FROM DER, 292 FT LEFT OF CENTERLINE, UP TO 67 FT AGL/91 FT MSL. TREES BEGINNING 1123 FT FROM DER, 69 FT RIGHT OF CENTERLINE, UP TO 67 FT AGL/91 FT MSL.

NOTE: RWY 30: TREES BEGINNING 44 FT FROM DER, 331 FT RIGHT OF CENTERLINE, UP TO 51 FT AGL/71 FT MSL. POLE 114 FT FROM DER, 500 FT LEFT OF CENTERLINE, 37 FT AGL/60 FT MSL. BUILDINGS BEGINNING 334 FT FROM DER, 355 FT LEFT OF CENTERLINE, UP TO 25 FT AGL/50 FT MSL. TREES BEGINNING 367 FT FROM DER, 471 FT LEFT OF CENTERLINE, UP TO 37 FT AGL/57 FT MSL. BUILDING 669 FT FROM DER, 415 FT RIGHT OF CENTERLINE, 30 FT AGL/55 FT MSL. POLES BEGINNING 768 FT FROM DER, 427 FT RIGHT OF CENTERLINE, UP TO 50 FT AGL/74 FT MSL. TREES BEGINNING 1048 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 67 FT AGL/87 FT MSL.

LIBERTY MUNI: (KT78)

NOTE: RWY 16, HANGARS BEGINNING 4 FT FROM DER, 340 FT RIGHT OF CENTERLINE, UP TO 21 FT AGL/91 FT MSL. TREE 273 FT FROM DER, 401 FT RIGHT OF CENTERLINE, 28 FT AGL/96 FT MSL. TREES BEGINNING 1067 FT FROM DER, 122 FT LEFT OF CENTERLINE, UP TO 76 FT AGL/146 FT MSL. TREES AND POLES BEGINNING 1166 FT FROM DER, 48 FT RIGHT OF CENTERLINE, UP TO 85 FT AGL/155 FT MSL.

NOTE: RWY 34, TREES BEGINNING 176 FT FROM DER, 262 FT LEFT OF CENTERLINE, UP TO 52 FT AGL/117 FT MSL. POLES BEGINNING 427 FT FROM DER, 318 FT RIGHT OF CENTERLINE, UP TO 40 FT AGL/105 FT MSL. POLES BEGINNING 451 FT FROM DER, 236 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/106 FT MSL. TREES BEGINNING 758 FT FROM DER, 101 FT RIGHT OF CENTERLINE, UP TO 101 FT AGL/166 FT MSL. TREES BEGINNING 1953 FT FROM DER, 40 FT LEFT OF CENTERLINE, UP TO 96 FT AGL/161 FT MSL.

HOUSTON EXECUTIVE: (KTME)

NOTE: RWY 36, POWER POLES FROM LEFT TO RIGHT BEGINNING 703 FT FROM DER, 623 FT LEFT TO 685 FT RIGHT OF CENTERLINE, UP TO 32 FT AGL/196 FT MSL.

CONTROLLING OBSTACLES:

CLEVELAND MUNI (K6R3)

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 TOWER 293341.00N/0953005.00W.

PEARLAND RGNL (KLVJ)

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.

LIBERTY MUNI (KT78)

RWY 16, 34: 2049 FT MSL TOWER 300102.20N/0943247.89W.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

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KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

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

AIRPORTS SERVED:

LONE STAR EXECUTIVE
RWJ AIRPARK
CLEVELAND MUNI
HOUSTON-SOUTHWEST
DAVID WAYNE HOOKS MEMORIAL
ELLINGTON
SCHOLLES INTL AT GALVESTON
BAYTOWN
WEST HOUSTON
TEXAS GULF COAST RGNL
PEARLAND RGNL
SUGAR LAND RGNL
CHAMBERS COUNTY
LA PORTE MUNI
LIBERTY MUNI
HOUSTON EXECUTIVE

HOUSTON, TX
BAYTOWN, TX
CLEVELAND, TX
HOUSTON, TX
HOUSTON, TX
HOUSTON, TX
GALVESTON, TX
BAYTOWN, TX
HOUSTON, TX
ANGLETON/LAKE JACKSON, TX
HOUSTON, TX
HOUSTON, TX
ANAHUAC, TX
LA PORTE, TX
LIBERTY, TX
HOUSTON, TX

COMMUNICATIONS:

ATIS: EFD, CXO, DWH. **AWOS/ASOS:** EFD, DWH, SGR, AXH, TME, GLS, LBX, 6R3, LVJ. **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. **CTAF:** CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78. **DEP CON:** EFD, CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78.

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION
GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

FIXES AND/OR NAVAIDS:

REMARKS:

CHANGES:

1. CHANGED ALL REFERENCE OF DPORT TO WWREN.

REASONS:

1. ATC REQUESTED.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
KARRR RNAV	TWO	KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RWJ AIRPARK		(K54T)							
RW08 (AER)	294541.54N/0945116.00W	N	-	-	-	-			
540 MSL	-	-	-	VA	089.03	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	089.03	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW14 (AER)									
540 MSL	-	-	-	VA	147.55	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	147.55	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW26 (AER)*									
540 MSL	-	-	-	VA	269.03	-			*DISPL THLD (939.0) FT CG 500 FT PER NM TO 540
-	-	-	-	VM	269.03	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW32 (AER)									
540 MSL	-	-	-	VA	327.55	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	327.55	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
CLEVELAND MUNI		(K6R3)							
RW16 (AER)	302146.66N/0950037.81W	N	-	-	-	-			
1400 MSL	-	-	-	VA	161.75	-			CG 500 FT PER NM TO 660
-	-	-	-	VM	161.75	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW34 (AER)	302059.68N/0950019.95W	N	-	-	-	-			
2000 MSL	-	-	-	VA	341.75	-			CG 500 FT PER NM TO 660
-	-	-	-	VM	341.75	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
HOUSTON-SOUTHWEST			(KAXH)						
RW09 (AER)	293023.91N/0952905.10W	N	-	-	-	-			
2000 MSL	-	-	-	VA	094.24	-			CG 500 FT PER NM TO 580
-	-	-	-	VM	094.24	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
LONE STAR EXECUTIVE			(KCXO)						
RW01 (AER)	302044.23N/0952510.12W	N	-	-	-	-			
760 MSL	-	-	-	VA	017.16	-			CG 500 FT PER NM TO 760
-	-	-	-	VM	017.16	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
LONE STAR EXECUTIVE			(KCXO)						
RW14 (AER)	302145.72N/0952513.62W	N	-	-	-	-			
760 MSL	-	-	-	VA	145.48	-			CG 500 FT PER NM TO 760
-	-	-	-	VM	145.48	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			

DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
KARRR RNAV		TWO		KARRR2.KARRR			ONE		05/29/2014	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW19 (AER)	302131.51N/0952453.28W	N	-	-	-	-				
760 MSL	-	-	-	VA	197.17	-				CG 500 FT PER NM TO 760
-	-	-	-	VM	197.17	-				
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000			
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65				
RW32 (AER)	302044.54N/0952425.10W	N	-	-	-	-				
760 MSL	-	-	-	VA	325.48	-				CG 500 FT PER NM TO 760
-	-	-	-	VM	325.48	-				
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000			
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65				
	DAVID WAYNE HOOKS		(KDWH)							
RW17R (AER)	300423.93N/0953317.33W	N	-	-	-	-				
660 MSL	-	-	-	VA	172.76	-				CG 500 FT PER NM TO 660
-	-	-	-	VM	172.76	-				
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000			
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65				
RW35L (AER)	300315.10N/0953307.27W	N	-	-	-	-				
660 MSL	-	-	-	VA	352.76	-				CG 500 FT PER NM TO 660
-	-	-	-	VM	352.76	-				
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000			
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65				
	ELLINGTON		(KEFD)							
RW04 (AER)	293553.43N/0950946.76W	N	-	-	-	-				
540 MSL	-	-	-	VA	043.85	-				CG 500 FT PER NM TO 540
-	-	-	-	VM	043.85	-				
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000			
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65				

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
KARRR RNAV	TWO	KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
RW17L (AER)	293706.49N/0950922.35W	N	-	-	-	-			
540 MSL	-	-	-	VA	178.85	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	178.85	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW17R (AER)	293705.99N/0950951.82W	N	-	-	-	-			
540 MSL	-	-	-	VA	178.84	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	178.84	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW22 (AER)	293650.54N/0950843.97W	N	-	-	-	-			
540 MSL	-	-	-	VA	223.86	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	223.86	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW35L (AER)	293536.91N/0950949.75W	N	-	-	-	-			
540 MSL	-	-	-	VA	358.84	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	358.84	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW35R (AER)	293620.88N/0950921.30W	N	-	-	-	-			
540 MSL	-	-	-	VA	358.85	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	358.85	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
SCHOLLES INTL AT GALVESTON		(KGLS)							
RW14 (AER)	291618.18N/0945203.53W	N	-	-	-	-			

DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code		Superseded Number		Dated	Effective Date
KARRR RNAV		TWO		KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
520 MSL	-	-	-	VA	140.11	-			CG 500 FT PER NM TO 520
-	-	-	-	VM	140.11	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW18 (AER)	291624.61N/0945132.65W	N	-	-	-	-			
520 MSL	-	-	-	VA	180.86	-			CG 500 FT PER NM TO 520
-	-	-	-	VM	180.86	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW32 (AER)	291532.60N/0945120.09W	N	-	-	-	-			
520 MSL	-	-	-	VA	320.12	-			CG 500 FT PER NM TO 520
-	-	-	-	VM	320.12	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW36 (AER)	291525.21N/0945133.67W	N	-	-	-	-			
520 MSL	-	-	-	VA	000.86	-			CG 500 FT PER NM TO 520
-	-	-	-	VM	000.86	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
BAYTOWN		(KHPY)							
RW14 (AER)*	294720.80N/0945719.10W*	N	-	-	-	-			*DISPL THLD (786.0) FT
540 MSL	-	-	-	VA	142.75	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	142.75	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW32 (AER)*	294658.52N/0945659.68W*	N	-	-	-	-			*DISPL THLD (721.0) FT
540 MSL	-	-	-	VA	322.75	-			CG 500 FT PER NM TO 540

DEPARTURE (DATA RECORD)

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KARRR RNAV		TWO		KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
-	-	-	-	VM	322.75	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
WEST HOUSTON			(KIWS)						
RW15 (AER)	294923.17N/0954030.97W	N	-	-	-	-			
620 MSL	-	-	-	VA	154.68	-			CG 500 FT PER NM TO 620
-	-	-	-	VM	154.68	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW33 (AER)	294847.80N/0954011.78W	N	-	-	-	-			
620 MSL	-	-	-	VA	334.68	-			CG 500 FT PER NM TO 620
-	-	-	-	VM	334.68	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
TEXAS GULF COAST RGNL			(KLBX)						
RW17 (AER)	290705.76N/0952743.59W	N	-	-	-	-			
540 MSL	-	-	-	VA	179.93	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	179.93	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW35 (AER)	290556.47N/0952743.49W	N	-	-	-	-			
540 MSL	-	-	-	VA	359.93	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	359.93	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
PEARLAND RGNL			(KLVJ)						
RW14 (AER)	293134.05N/0951445.86W	N	-	-	-	-			

DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code		Superseded Number		Dated	Effective Date
KARRR RNAV		TWO		KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
1600 MSL	-	-	-	VA	144.67	-			CG 500 FT PER NM TO 560
-	-	-	-	VM	144.67	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW32 (AER)	293059.22N/0951417.63W	N	-	-	-	-			
900 MSL	-	-	-	VA	324.67	-			CG 500 FT PER NM TO 560
-	-	-	-	VM	324.67	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
SUGAR LAND RGNL		(KSGR)							
RW17 (AER)*	293755.81N/0953926.90W*	N	-	-	-	-			*DISPL THLD (380.0) FT
1500 MSL	-	-	-	VA	175.28	-			CG 500 FT PER NM TO 600
-	-	-	-	VM	175.28	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW35 (AER)*	293700.21N/0953921.64W*	N	-	-	-	-			*DISPL THLD (1984.0) FT
1100 MSL	-	-	-	VA	355.28	-			CG 500 FT PER NM TO 600
-	-	-	-	VM	355.28	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
CHAMBERS COUNTY		(KT00)							
RW12 (AER)	294621.84N/0943957.96W	N	-	-	-	-			
540 MSL	-	-	-	VA	128.74	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	128.74	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW30 (AER)	294603.23N/0943931.37W	N	-	-	-	-			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated		Effective Date	
KARRR RNAV	TWO	KARRR2.KARRR		ONE		05/29/2014		18 SEP 2014	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
540 MSL	-	-	-	VA	308.74	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	308.74	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
LA PORTE MUNI			(KT41)						
RW05 (AER)	294000.36N/0950403.90W	N	-	-	-	-			CG 500 FT PER NM TO 540
540 MSL	-	-	-	VA	051.34	-			
-	-	-	-	VM	051.34	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW12 (AER)*	294020.07N/0950408.82W*	N	-	-	-	-			*DISPL THLD (190.0) FT
540 MSL	-	-	-	VA	126.17	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	126.17	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW23 (AER)	294018.90N/0950337.36W	N	-	-	-	-			CG 500 FT PER NM TO 540
540 MSL	-	-	-	VA	231.35	-			
-	-	-	-	VM	231.35	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW30 (AER)*	293959.19N/0950336.12W*	N	-	-	-	-			*DISPL THLD (402.0) FT
540 MSL	-	-	-	VA	306.18	-			CG 500 FT PER NM TO 540
-	-	-	-	VM	306.18	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
LIBERTY MUNI			(KT78)						
RW16 (AER)	300458.29N/0944200.07W	N	-	-	-	-			

DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code		Superseded Number		Dated	Effective Date
KARRR RNAV		TWO		KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
1700 MSL	-	-	-	VA	165.77	-			CG 500 FT PER NM TO 580
-	-	-	-	VM	165.77	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW34 (AER)	300421.82N/0944149.44W	N	-	-	-	-			
1000 MSL	-	-	-	VA	345.78	-			CG 500 FT PER NM TO 580
-	-	-	-	VM	345.78	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
	HOUSTON EXECUTIVE		(KTME)						
RW18 (AER)	294850.85N/0955352.86W	N	-	-	-	-			
680 MSL	-	-	-	VA	179.25	-			CG 500 FT PER NM TO 680
-	-	-	-	VM	179.25	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
RW36 (AER)	294745.40N/0955351.88W	N	-	-	-	-			
680 MSL	-	-	-	VA	359.25	-			CG 500 FT PER NM TO 680
-	-	-	-	VM	359.25	-			
KARRR	292242.43N/0952231.47W	Y	FB	DF	-	-	AT/BELOW 16000		
KAVCY	291751.36N/0952744.49W	Y	FB	TF	223.32	6.65			
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-			KARRR2.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	-	-			KARRR2.WWREN
JAWNS	285408.68N/0953701.36W	Y	FB	TF	199.01	25.01			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code		Superseded Number		Dated	Effective Date		
KARRR RNAV	TWO	KARRR2.KARRR		ONE		05/29/2014	18 SEP 2014		
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
WWREN	280753.99N/0960554.98W	Y	FB	TF	209.01	52.68			
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-			KARRR2.NGP
JAWNS	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	-	-			KARRR2.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			
KAVCY	291751.36N/0952744.49W	Y	-	IF	-	-			KARRR2.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			

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157	E00900000602	NARCORPUS	CHRISTI						
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107	E00600000171	NARTRUAX							
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225	E00800000062	NARPALACIOS							

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	JAWNS	K40	W	N28540868W095370136		E0030	NAR	JAWNS					
SUSAEAENRT	KARRR	K40	W	N29224243W095223147		E0028	NAR	KARRR					
SUSAEAENRT	KAVCY	K40	W	N29175136W095274449		E0029	NAR	KAVCY					
SUSAEAENRT	SKUBA	K40	R	B N29114309W095472837		E0031	NAR	SKUBA					
SUSAEAENRT	WWREN	K40	W	N28075399W096055498		E0033	NAR	WWREN					
SUSAEAENRT	YOMOM	K40	W	N27591535W097085598		E0039	NAR	YOMOM					

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	54T	K4A54T	0	050YHN29454282W094505258E0050000033	1800018000C	MNAR	RWJ	AIRPARK					

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	54T	K4DKARRR24RW08	010	0	VA	0840		+ 00540	18000				
SUSAP	54T	K4DKARRR24RW08	020	0	VM	0840							
SUSAP	54T	K4DKARRR24RW08	030KARRRK4EA0E	010DF				- 16000					
SUSAP	54T	K4DKARRR24RW08	040KAVCYK4EA0EE	010TF									
SUSAP	54T	K4DKARRR24RW14	010	0	VA	1426		+ 00540	18000				
SUSAP	54T	K4DKARRR24RW14	020	0	VM	1426							
SUSAP	54T	K4DKARRR24RW14	030KARRRK4EA0E	010DF				- 16000					
SUSAP	54T	K4DKARRR24RW14	040KAVCYK4EA0EE	010TF									
SUSAP	54T	K4DKARRR24RW26	010	0	VA	2640		+ 00540	18000				
SUSAP	54T	K4DKARRR24RW26	020	0	VM	2640							
SUSAP	54T	K4DKARRR24RW26	030KARRRK4EA0E	010DF				- 16000					
SUSAP	54T	K4DKARRR24RW26	040KAVCYK4EA0EE	010TF									
SUSAP	54T	K4DKARRR24RW32	010	0	VA	3226		+ 00540	18000				
SUSAP	54T	K4DKARRR24RW32	020	0	VM	3226							
SUSAP	54T	K4DKARRR24RW32	030KARRRK4EA0E	010DF				- 16000					
SUSAP	54T	K4DKARRR24RW32	040KAVCYK4EA0EE	010TF									
SUSAP	54T	K4DKARRR26CRP	010KAVCYK4EA0E	IF					18000				
SUSAP	54T	K4DKARRR26CRP	020SKUBAK4EA0E	010TF									
SUSAP	54T	K4DKARRR26CRP	030PSX	K4D 0V	010TF								

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW08		010		VA		FB		084.0()		AA 00540	
	RW08		020		VM		FB		084.0()			
	RW08	KARRR	030		DF		FB	1.0			AB 16000	
	RW08	KAVCY	040		TF		FB	1.0				
	RW14		010		VA		FB		142.6()		AA 00540	
	RW14		020		VM		FB		142.6()			
	RW14	KARRR	030		DF		FB	1.0			AB 16000	
	RW14	KAVCY	040		TF		FB	1.0				
	RW26		010		VA		FB		264.0()		AA 00540	
	RW26		020		VM		FB		264.0()			
	RW26	KARRR	030		DF		FB	1.0			AB 16000	
	RW26	KAVCY	040		TF		FB	1.0				
	RW32		010		VA		FB		322.6()		AA 00540	
	RW32		020		VM		FB		322.6()			
	RW32	KARRR	030		DF		FB	1.0			AB 16000	
	RW32	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
RW08	N294541.54	W0945116.00	N2945.692	W09451.267
RW14	N294558.81	W0945110.72	N2945.980	W09451.179
RW26	N294542.23	W0945029.54	N2945.704	W09450.492
RW32	N294529.31	W0945049.22	N2945.489	W09450.820

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW08	00030	50
RW14	00033	50
RW26	00026	40
RW32	00028	40

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW16		010		VA		FB		156.8()		AA 01400	
	RW16		020		VM		FB		156.8()			
	RW16	KARRR	030		DF		FB	1.0			AB 16000	
	RW16	KAVCY	040		TF		FB	1.0				
	RW34		010		VA		FB		336.8()		AA 02000	
	RW34		020		VM		FB		336.8()			
	RW34	KARRR	030		DF		FB	1.0			AB 16000	
	RW34	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW16	N302146.66	W0950037.81	N3021.778	W09500.630
	RW34	N302059.68	W0950019.95	N3020.995	W09500.333

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW16	00150	52
RW34	00142	52

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

[illegible][illegible][illegible][illegible]

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

18000

SUSAP	KAXHK4GRW09	0050020892	N29302391W095290510+0000	-0006200069000047100RIAXH0
SUSAP	KAXHK4GRW27	0050022692	N29302025W095280865+0000	-0007000066000045100R

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW09		010		VA		FB		089.2()		AA 02000	
	RW09		020		VM		FB		089.2()			
	RW09	KARRR	030		DF		FB	1.0			AB 16000	
	RW09	KAVCY	040		TF		FB	1.0				
	RW27		010		VA		FB		269.2()		AA 02200	
	RW27		020		VM		FB		269.2()			
	RW27	KARRR	030		DF		FB	1.0			AB 16000	
	RW27	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW09	N293023.91	W0952905.10	N2930.399	W09529.085
	RW27	N293020.25	W0952808.65	N2930.338	W09528.144

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW09	00069	47
RW27	00066	45

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012											
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157E0090000602	NARCORPUS	CHRISTI						
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107E0060000171	NARTRUAX							
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225E0080000062	NARPALACIOS							

1	2	3	4	5	6	7	8	9	0	1	2	3
WP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012											
SUSAEAENRT	JAWNS	K40	W	N28540868W095370136	E0030	NAR	JAWNS					
SUSAEAENRT	KARRR	K40	W	N29224243W095223147	E0028	NAR	KARRR					
SUSAEAENRT	KAVCY	K40	W	N29175136W095274449	E0029	NAR	KAVCY					
SUSAEAENRT	SKUBA	K40	R B	N29114309W095472837	E0031	NAR	SKUBA					
SUSAEAENRT	WWREN	K40	W	N28075399W096055498	E0033	NAR	WWREN					
SUSAEAENRT	YOMOM	K40	W	N27591535W097085598	E0039	NAR	YOMOM					

1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012											
SUSAP	KCXOK4ACXO	0	075YHN30211220W095245430E005000245	1800018000C	MNAR	LONE STAR	EXECUTIVE					

1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012											
SUSAP	KCXOK4DKARRR24RW01	010	0	VA	0122	+ 00760	18000					
SUSAP	KCXOK4DKARRR24RW01	020	0	VM	0122							
SUSAP	KCXOK4DKARRR24RW01	030KARRRK4EA0E	010DF			- 16000						
SUSAP	KCXOK4DKARRR24RW01	040KAVCYK4EA0EE	010TF									
SUSAP	KCXOK4DKARRR24RW14	010	0	VA	1405	+ 00760	18000					
SUSAP	KCXOK4DKARRR24RW14	020	0	VM	1405							
SUSAP	KCXOK4DKARRR24RW14	030KARRRK4EA0E	010DF			- 16000						
SUSAP	KCXOK4DKARRR24RW14	040KAVCYK4EA0EE	010TF									
SUSAP	KCXOK4DKARRR24RW19	010	0	VA	1922	+ 00760	18000					
SUSAP	KCXOK4DKARRR24RW19	020	0	VM	1922							
SUSAP	KCXOK4DKARRR24RW19	030KARRRK4EA0E	010DF			- 16000						
SUSAP	KCXOK4DKARRR24RW19	040KAVCYK4EA0EE	010TF									
SUSAP	KCXOK4DKARRR24RW32	010	0	VA	3205	+ 00760	18000					
SUSAP	KCXOK4DKARRR24RW32	020	0	VM	3205							
SUSAP	KCXOK4DKARRR24RW32	030KARRRK4EA0E	010DF			- 16000						
SUSAP	KCXOK4DKARRR24RW32	040KAVCYK4EA0EE	010TF									
SUSAP	KCXOK4DKARRR26CRP	010KAVCYK4EA0E	IF				18000					
SUSAP	KCXOK4DKARRR26CRP	020SKUBAK4EA0E	010TF									
SUSAP	KCXOK4DKARRR26CRP	030PSX	K4D 0V	010TF								

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

18000

SUSAP KCXOK4GRW01	0050000122	N30204423W095251012+0000	+0042500230000049099R
SUSAP KCXOK4GRW14	0075011405	N30214572W095251362+0100	+0043800234000047150IICX01
SUSAP KCXOK4GRW19	0050001922	N30213151W095245328+0000	+0042200229000049099R
SUSAP KCXOK4GRW32	0075013205	N30204454W095242510-0100	+0046000241000045150R

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW01		010		VA		FB		012.2()		AA 00760	
	RW01		020		VM		FB		012.2()			
	RW01	KARRR	030		DF		FB	1.0			AB 16000	
	RW01	KAVCY	040		TF		FB	1.0				
	RW14		010		VA		FB		140.5()		AA 00760	
	RW14		020		VM		FB		140.5()			
	RW14	KARRR	030		DF		FB	1.0			AB 16000	
	RW14	KAVCY	040		TF		FB	1.0				
	RW19		010		VA		FB		192.2()		AA 00760	
	RW19		020		VM		FB		192.2()			
	RW19	KARRR	030		DF		FB	1.0			AB 16000	
	RW19	KAVCY	040		TF		FB	1.0				
	RW32		010		VA		FB		320.5()		AA 00760	
	RW32		020		VM		FB		320.5()			
	RW32	KARRR	030		DF		FB	1.0			AB 16000	
	RW32	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP		050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
RW01	N302044.23	W0952510.12	N3020.737	W09525.169
RW14	N302145.72	W0952513.62	N3021.762	W09525.227
RW19	N302131.51	W0952453.28	N3021.525	W09524.888
RW32	N302044.54	W0952425.10	N3020.742	W09524.418

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW01	00230	49
RW14	00234	47
RW19	00229	49
RW32	00241	45

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157E00900000602	NARCORPUS CHRISTI								
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107E00600000171	NARTRUAX								
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225E00800000062	NARPALACIOS								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	JAWNS	K40	W	N28540868W095370136	E0030	NAR	JAWNS						
SUSAEAENRT	KARRR	K40	W	N29224243W095223147	E0028	NAR	KARRR						
SUSAEAENRT	KAVCY	K40	W	N29175136W095274449	E0029	NAR	KAVCY						
SUSAEAENRT	SKUBA	K40	R	B N29114309W095472837	E0031	NAR	SKUBA						
SUSAEAENRT	WWREN	K40	W	N28075399W096055498	E0033	NAR	WWREN						
SUSAEAENRT	YOMOM	K40	W	N27591535W097085598	E0039	NAR	YOMOM						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDWHK4ADWH	0	070YHN30034260W095331000E0050000152	1800018000C	MNAR	DAVID WAYNE HOOKS MEMORIAL							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KDWHK4DKARRR24RW17R	010	0	VA	1678	+ 00660	18000						
SUSAP	KDWHK4DKARRR24RW17R	020	0	VM	1678								
SUSAP	KDWHK4DKARRR24RW17R	030KARRRK4EA0E	010DF	- 16000									
SUSAP	KDWHK4DKARRR24RW17R	040KAVCYK4EA0EE	010TF										
SUSAP	KDWHK4DKARRR24RW35L	010	0	VA	3478	+ 00660	18000						
SUSAP	KDWHK4DKARRR24RW35L	020	0	VM	3478								
SUSAP	KDWHK4DKARRR24RW35L	030KARRRK4EA0E	010DF	- 16000									
SUSAP	KDWHK4DKARRR24RW35L	040KAVCYK4EA0EE	010TF										
SUSAP	KDWHK4DKARRR26CRP	010KAVCYK4EA0E	IF	18000									
SUSAP	KDWHK4DKARRR26CRP	020SKUBAK4EA0E	010TF										
SUSAP	KDWHK4DKARRR26CRP	030PSX K4D 0V	010TF										
SUSAP	KDWHK4DKARRR26CRP	040YOMOMK4EA0E	010TF										
SUSAP	KDWHK4DKARRR26CRP	050CRP K4D 0VE	010TF										
SUSAP	KDWHK4DKARRR26NGP	010KAVCYK4EA0E	IF	18000									
SUSAP	KDWHK4DKARRR26NGP	020JAWNSK4EA0E	010TF										
SUSAP	KDWHK4DKARRR26NGP	030NGP K4D 0VE	010TF										
SUSAP	KDWHK4DKARRR26PSX	010KAVCYK4EA0E	IF	18000									
SUSAP	KDWHK4DKARRR26PSX	020SKUBAK4EA0E	010TF										
SUSAP	KDWHK4DKARRR26PSX	030PSX K4D 0VE	010TF										

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP KDWHK4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP KDWHK4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP KDWHK4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP KDWHK4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP KDWHK4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP KDWHK4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP KDWHK4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP KDWHK4GRW17R	0070091678 N30041404W095331588-0100 +0018600152100752100RIHEW0												
SUSAP KDWHK4GRW35L	0070093478 N30031510W095330727+0100 +0016600145000045100R												

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW17R		010		VA		FB		167.8()		AA 00660	
	RW17R		020		VM		FB		167.8()			
	RW17R	KARRR	030		DF		FB	1.0			AB 16000	
	RW17R	KAVCY	040		TF		FB	1.0				
	RW35L		010		VA		FB		347.8()		AA 00660	
	RW35L		020		VM		FB		347.8()			
	RW35L	KARRR	030		DF		FB	1.0			AB 16000	
	RW35L	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW17R	N300414.04	W0953315.88	N3004.234	W09533.265
	RW35L	N300315.10	W0953307.27	N3003.252	W09533.121

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW17R	00152	52
RW35L	00145	45

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KEFDK4DKARRR24RW04	010	0	VA			0389	+	00540	18000			
SUSAP	KEFDK4DKARRR24RW04	020	0	VM			0389						
SUSAP	KEFDK4DKARRR24RW04	030KARRRK4EA0E	010DF					-	16000				
SUSAP	KEFDK4DKARRR24RW04	040KAVCYK4EA0EE	010TF										
SUSAP	KEFDK4DKARRR24RW17L	010	0	VA			1739	+	00540	18000			
SUSAP	KEFDK4DKARRR24RW17L	020	0	VM			1739						
SUSAP	KEFDK4DKARRR24RW17L	030KARRRK4EA0E	010DF					-	16000				
SUSAP	KEFDK4DKARRR24RW17L	040KAVCYK4EA0EE	010TF										
SUSAP	KEFDK4DKARRR24RW17R	010	0	VA			1738	+	00540	18000			
SUSAP	KEFDK4DKARRR24RW17R	020	0	VM			1738						
SUSAP	KEFDK4DKARRR24RW17R	030KARRRK4EA0E	010DF					-	16000				
SUSAP	KEFDK4DKARRR24RW17R	040KAVCYK4EA0EE	010TF										
SUSAP	KEFDK4DKARRR24RW22	010	0	VA			2189	+	00540	18000			
SUSAP	KEFDK4DKARRR24RW22	020	0	VM			2189						
SUSAP	KEFDK4DKARRR24RW22	030KARRRK4EA0E	010DF					-	16000				
SUSAP	KEFDK4DKARRR24RW22	040KAVCYK4EA0EE	010TF										
SUSAP	KEFDK4DKARRR24RW35L	010	0	VA			3538	+	00540	18000			
SUSAP	KEFDK4DKARRR24RW35L	020	0	VM			3538						
SUSAP	KEFDK4DKARRR24RW35L	030KARRRK4EA0E	010DF					-	16000				

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW04		010		VA		FB		038.9()		AA 00540	
	RW04		020		VM		FB		038.9()			
	RW04	KARRR	030		DF		FB	1.0			AB 16000	
	RW04	KAVCY	040		TF		FB	1.0				
	RW17L		010		VA		FB		173.9()		AA 00540	
	RW17L		020		VM		FB		173.9()			
	RW17L	KARRR	030		DF		FB	1.0			AB 16000	
	RW17L	KAVCY	040		TF		FB	1.0				
	RW17R		010		VA		FB		173.8()		AA 00540	
	RW17R		020		VM		FB		173.8()			
	RW17R	KARRR	030		DF		FB	1.0			AB 16000	
	RW17R	KAVCY	040		TF		FB	1.0				
	RW22		010		VA		FB		218.9()		AA 00540	
	RW22		020		VM		FB		218.9()			
	RW22	KARRR	030		DF		FB	1.0			AB 16000	
	RW22	KAVCY	040		TF		FB	1.0				
	RW35L		010		VA		FB		353.8()		AA 00540	
	RW35L		020		VM		FB		353.8()			
	RW35L	KARRR	030		DF		FB	1.0			AB 16000	
	RW35L	KAVCY	040		TF		FB	1.0				
	RW35R		010		VA		FB		353.9()		AA 00540	
	RW35R		020		VM		FB		353.9()			
	RW35R	KARRR	030		DF		FB	1.0			AB 16000	
	RW35R	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW04	N293553.43	W0950946.76	N2935.891	W09509.779
	RW17L	N293706.49	W0950922.35	N2937.108	W09509.373
	RW17R	N293705.99	W0950951.82	N2937.100	W09509.864
	RW22	N293650.54	W0950843.97	N2936.842	W09508.733
	RW35L	N293536.91	W0950949.75	N2935.615	W09509.829
	RW35R	N293620.88	W0950921.30	N2936.348	W09509.355

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW04	00026	50
	RW17L	00031	50
	RW17R	00032	51
	RW22	00030	54
	RW35L	00028	54
	RW35R	00030	50

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157E00900000602	NARCORPUS CHRISTI								
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107E00600000171	NARTRUAX								
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225E00800000062	NARPALACIOS								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	JAWNS	K40	W	N28540868W095370136	E0030	NAR	JAWNS						
SUSAEENRT	KARRR	K40	W	N29224243W095223147	E0028	NAR	KARRR						
SUSAEENRT	KAVCY	K40	W	N29175136W095274449	E0029	NAR	KAVCY						
SUSAEENRT	SKUBA	K40	R	N29114309W095472837	E0031	NAR	SKUBA						
SUSAEENRT	WWREN	K40	W	N28075399W096055498	E0033	NAR	WWREN						
SUSAEENRT	YOMOM	K40	W	N27591535W097085598	E0039	NAR	YOMOM						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KGLSK4AGLS	0	060YHN29155520W094513750E002000006	1800018000C	MNAR	SCHOLES INTL AT GALVESTON							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KGLSK4DKARRR24RW14	010	0	VA	1351	+ 00520	18000						
SUSAP	KGLSK4DKARRR24RW14	020	0	VM	1351								
SUSAP	KGLSK4DKARRR24RW14	030KARRRK4EA0E	010DF		- 16000								
SUSAP	KGLSK4DKARRR24RW14	040KAVCYK4EA0EE	010TF										
SUSAP	KGLSK4DKARRR24RW18	010	0	VA	1759	+ 00520	18000						
SUSAP	KGLSK4DKARRR24RW18	020	0	VM	1759								
SUSAP	KGLSK4DKARRR24RW18	030KARRRK4EA0E	010DF		- 16000								
SUSAP	KGLSK4DKARRR24RW18	040KAVCYK4EA0EE	010TF										
SUSAP	KGLSK4DKARRR24RW32	010	0	VA	3151	+ 00520	18000						
SUSAP	KGLSK4DKARRR24RW32	020	0	VM	3151								
SUSAP	KGLSK4DKARRR24RW32	030KARRRK4EA0E	010DF		- 16000								
SUSAP	KGLSK4DKARRR24RW32	040KAVCYK4EA0EE	010TF										
SUSAP	KGLSK4DKARRR24RW36	010	0	VA	3559	+ 00520	18000						
SUSAP	KGLSK4DKARRR24RW36	020	0	VM	3559								
SUSAP	KGLSK4DKARRR24RW36	030KARRRK4EA0E	010DF		- 16000								
SUSAP	KGLSK4DKARRR24RW36	040KAVCYK4EA0EE	010TF										
SUSAP	KGLSK4DKARRR26CRP	010KAVCYK4EA0E	IF			18000							
SUSAP	KGLSK4DKARRR26CRP	020SKUBAK4EA0E	010TF										
SUSAP	KGLSK4DKARRR26CRP	030PSX	K4D 0V	010TF									

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW14		010		VA		FB		135.1()		AA 00520	
	RW14		020		VM		FB		135.1()			
	RW14	KARRR	030		DF		FB	1.0			AB 16000	
	RW14	KAVCY	040		TF		FB	1.0				
	RW18		010		VA		FB		175.9()		AA 00520	
	RW18		020		VM		FB		175.9()			
	RW18	KARRR	030		DF		FB	1.0			AB 16000	
	RW18	KAVCY	040		TF		FB	1.0				
	RW32		010		VA		FB		315.1()		AA 00520	
	RW32		020		VM		FB		315.1()			
	RW32	KARRR	030		DF		FB	1.0			AB 16000	
	RW32	KAVCY	040		TF		FB	1.0				
	RW36		010		VA		FB		355.9()		AA 00520	
	RW36		020		VM		FB		355.9()			
	RW36	KARRR	030		DF		FB	1.0			AB 16000	
	RW36	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP		050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
RW14	N291618.18	W0945203.53	N2916.303	W09452.059
RW18	N291624.61	W0945132.65	N2916.410	W09451.544
RW32	N291532.60	W0945120.09	N2915.543	W09451.335
RW36	N291525.21	W0945133.67	N2915.420	W09451.561

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW14	00005	53
RW18	00006	44
RW32	00005	46
RW36	00005	45

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157E0090000602	NARCORPUS CHRISTI								
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107E0060000171	NARTRUAX								
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225E0080000062	NARPALACIOS								

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	JAWNS	K40	W	N28540868W095370136	E0030	NAR	JAWNS						
SUSAEAENRT	KARRR	K40	W	N29224243W095223147	E0028	NAR	KARRR						
SUSAEAENRT	KAVCY	K40	W	N29175136W095274449	E0029	NAR	KAVCY						
SUSAEAENRT	SKUBA	K40	R	B N29114309W095472837	E0031	NAR	SKUBA						
SUSAEAENRT	WWREN	K40	W	N28075399W096055498	E0033	NAR	WWREN						
SUSAEAENRT	YOMOM	K40	W	N27591535W097085598	E0039	NAR	YOMOM						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KHPYK4AHPY	0	043YHN29470990W094570960E003000034	1800018000C	MNAR	BAYTOWN							

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KHPYK4DKARRR24RW14	010	0	VA	1378	+ 00540	18000						
SUSAP	KHPYK4DKARRR24RW14	020	0	VM	1378								
SUSAP	KHPYK4DKARRR24RW14	030KARRRK4EA0E	010DF			- 16000							
SUSAP	KHPYK4DKARRR24RW14	040KAVCYK4EA0EE	010TF										
SUSAP	KHPYK4DKARRR24RW32	010	0	VA	3178	+ 00540	18000						
SUSAP	KHPYK4DKARRR24RW32	020	0	VM	3178								
SUSAP	KHPYK4DKARRR24RW32	030KARRRK4EA0E	010DF			- 16000							
SUSAP	KHPYK4DKARRR24RW32	040KAVCYK4EA0EE	010TF										
SUSAP	KHPYK4DKARRR26CRP	010KAVCYK4EA0E	IF				18000						
SUSAP	KHPYK4DKARRR26CRP	020SKUBAK4EA0E	010TF										
SUSAP	KHPYK4DKARRR26CRP	030PSX K4D 0V	010TF										
SUSAP	KHPYK4DKARRR26CRP	040YOMOMK4EA0E	010TF										
SUSAP	KHPYK4DKARRR26CRP	050CRP K4D 0VE	010TF										
SUSAP	KHPYK4DKARRR26NGP	010KAVCYK4EA0E	IF				18000						
SUSAP	KHPYK4DKARRR26NGP	020JAWNSK4EA0E	010TF										
SUSAP	KHPYK4DKARRR26NGP	030NGP K4D 0VE	010TF										
SUSAP	KHPYK4DKARRR26PSX	010KAVCYK4EA0E	IF				18000						
SUSAP	KHPYK4DKARRR26PSX	020SKUBAK4EA0E	010TF										
SUSAP	KHPYK4DKARRR26PSX	030PSX K4D 0VE	010TF										

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP	KHPYK4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP	KHPYK4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP	KHPYK4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP	KHPYK4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP	KHPYK4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP	KHPYK4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP	KHPYK4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KHPYK4GRW14	0043341398	N29472080W094571910-0100	-0017600032078640060R									
SUSAP	KHPYK4GRW32	0043343198	N29465852W094565968+0100	-0018700028072140060R									

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW14		010		VA		FB		137.8()		AA 00540	
	RW14		020		VM		FB		137.8()			
	RW14	KARRR	030		DF		FB	1.0			AB 16000	
	RW14	KAVCY	040		TF		FB	1.0				
	RW32		010		VA		FB		317.8()		AA 00540	
	RW32		020		VM		FB		317.8()			
	RW32	KARRR	030		DF		FB	1.0			AB 16000	
	RW32	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW14	N294720.80	W0945719.10	N2947.347	W09457.318
	RW32	N294658.52	W0945659.68	N2946.975	W09456.995

RUNWAY DATA THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW14	00032	40
RW32	00028	40

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	CRP	K4011550VTHA	N27541356W097264157			N27541356W097264157	E00900000602				NARCORPUS	CHRISTI	
SUSAD	NGP	K4011400VTLA	N27411060W097174107			N27411060W097174107	E00600000171				NARTRUAX		
SUSAD	PSX	K4011730VTHA	N28455193W096182225			N28455193W096182225	E00800000062				NARPALACIOS		

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEAENRT	JAWNS	K40	W	N28540868W095370136			E0030	NAR			JAWNS		
SUSAEAENRT	KARRR	K40	W	N29224243W095223147			E0028	NAR			KARRR		
SUSAEAENRT	KAVCY	K40	W	N29175136W095274449			E0029	NAR			KAVCY		
SUSAEAENRT	SKUBA	K40	R	N29114309W095472837			E0031	NAR			SKUBA		
SUSAEAENRT	WWREN	K40	W	N28075399W096055498			E0033	NAR			WWREN		
SUSAEAENRT	YOMOM	K40	W	N27591535W097085598			E0039	NAR			YOMOM		

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KIWSK4AIWS	0	039YHN29490550W095402140E005000111				1800018000C	MNAR			WEST	HOUSTON	

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KIWSK4DKARRR24RW15	010	0	VA			1497			+ 00620		18000	
SUSAP	KIWSK4DKARRR24RW15	020	0	VM			1497						
SUSAP	KIWSK4DKARRR24RW15	030KARRRK4EA0E	010DF							- 16000			
SUSAP	KIWSK4DKARRR24RW15	040KAVCYK4EA0EE	010TF										
SUSAP	KIWSK4DKARRR24RW33	010	0	VA			3297			+ 00620		18000	
SUSAP	KIWSK4DKARRR24RW33	020	0	VM			3297						
SUSAP	KIWSK4DKARRR24RW33	030KARRRK4EA0E	010DF							- 16000			
SUSAP	KIWSK4DKARRR24RW33	040KAVCYK4EA0EE	010TF										
SUSAP	KIWSK4DKARRR26CRP	010KAVCYK4EA0E	IF								18000		
SUSAP	KIWSK4DKARRR26CRP	020SKUBAK4EA0E	010TF										
SUSAP	KIWSK4DKARRR26CRP	030PSX	K4D 0V	010TF									
SUSAP	KIWSK4DKARRR26CRP	040YOMOMK4EA0E	010TF										
SUSAP	KIWSK4DKARRR26CRP	050CRP	K4D 0VE	010TF									
SUSAP	KIWSK4DKARRR26NGP	010KAVCYK4EA0E	IF								18000		
SUSAP	KIWSK4DKARRR26NGP	020JAWNSK4EA0E	010TF										
SUSAP	KIWSK4DKARRR26NGP	030NGP	K4D 0VE	010TF									
SUSAP	KIWSK4DKARRR26PSX	010KAVCYK4EA0E	IF								18000		
SUSAP	KIWSK4DKARRR26PSX	020SKUBAK4EA0E	010TF										
SUSAP	KIWSK4DKARRR26PSX	030PSX	K4D 0VE	010TF									

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP	KIWSK4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP	KIWSK4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP	KIWSK4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP	KIWSK4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP	KIWSK4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP	KIWSK4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP	KIWSK4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KIWSK4GRW15	0039531497	N29492317W095403097+0000	+0006100111000045075R									
SUSAP	KIWSK4GRW33	0039533297	N29484780W095401178+0000	+0005500109000045075R									

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW15		010		VA		FB		149.7()		AA 00620	
	RW15		020		VM		FB		149.7()			
	RW15	KARRR	030		DF		FB	1.0			AB 16000	
	RW15	KAVCY	040		TF		FB	1.0				
	RW33		010		VA		FB		329.7()		AA 00620	
	RW33		020		VM		FB		329.7()			
	RW33	KARRR	030		DF		FB	1.0			AB 16000	
	RW33	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW15	N294923.17	W0954030.97	N2949.386	W09540.516
	RW33	N294847.80	W0954011.78	N2948.797	W09540.196

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW15	00111	45
RW33	00109	45

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157	E00900000602	NARCORPUS	CHRISTI						
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107	E00600000171	NARTRUAX							
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225	E00800000062	NARPALACIOS							

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KL	BXX	4D	KARRR	24R	W17	010	0	VA	1749	+	00540	18000
SUSAP	KL	BXX	4D	KARRR	24R	W17	020	0	VM	1749			
SUSAP	KL	BXX	4D	KARRR	24R	W17	030	KARRRK4EA0E	010DF		-	16000	
SUSAP	KL	BXX	4D	KARRR	24R	W17	040	KAVCYK4EA0EE	010TF				
SUSAP	KL	BXX	4D	KARRR	24R	W35	010	0	VA	3549	+	00540	18000
SUSAP	KL	BXX	4D	KARRR	24R	W35	020	0	VM	3549			
SUSAP	KL	BXX	4D	KARRR	24R	W35	030	KARRRK4EA0E	010DF		-	16000	
SUSAP	KL	BXX	4D	KARRR	24R	W35	040	KAVCYK4EA0EE	010TF				
SUSAP	KL	BXX	4D	KARRR	26	CRP	010	KAVCYK4EA0E	IF			18000	
SUSAP	KL	BXX	4D	KARRR	26	CRP	020	SKUBAK4EA0E	010TF				
SUSAP	KL	BXX	4D	KARRR	26	CRP	030	PSX K4D 0V	010TF				
SUSAP	KL	BXX	4D	KARRR	26	CRP	040	YOMOMK4EA0E	010TF				
SUSAP	KL	BXX	4D	KARRR	26	CRP	050	CRP K4D 0VE	010TF				
SUSAP	KL	BXX	4D	KARRR	26	NGP	010	KAVCYK4EA0E	IF			18000	
SUSAP	KL	BXX	4D	KARRR	26	NGP	020	JAWNSK4EA0E	010TF				
SUSAP	KL	BXX	4D	KARRR	26	NGP	030	ONGP K4D 0VE	010TF				
SUSAP	KL	BXX	4D	KARRR	26	PSX	010	KAVCYK4EA0E	IF			18000	
SUSAP	KL	BXX	4D	KARRR	26	PSX	020	SKUBAK4EA0E	010TF				
SUSAP	KL	BXX	4D	KARRR	26	PSX	030	PSX K4D 0VE	010TF				

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP	KLBXK4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP	KLBXK4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP	KLBXK4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP	KLBXK4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP	KLBXK4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP	KLBXK4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP	KLBXK4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

[illegible]

SUSAP	KL BXK4GRW17	0070001749	N29070576W095274359+0000	-0018900025000052100IILBX1
SUSAP	KL BXK4GRW35	0070003549	N29055647W095274349+0000	-0019100024000050100R

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW17		010		VA		FB		174.9()		AA 00540	
	RW17		020		VM		FB		174.9()			
	RW17	KARRR	030		DF		FB	1.0			AB 16000	
	RW17	KAVCY	040		TF		FB	1.0				
	RW35		010		VA		FB		354.9()		AA 00540	
	RW35		020		VM		FB		354.9()			
	RW35	KARRR	030		DF		FB	1.0			AB 16000	
	RW35	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW17	N290705.76	W0952743.59	N2907.096	W09527.727
	RW35	N290556.47	W0952743.49	N2905.941	W09527.725

RUNWAY DATA THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW17	00025	52
RW35	00024	50

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157	E00900000602	NARCORPUS	CHRISTI						
SUSAD	NGP	K4011400VTLA	N27411060W097174107	E00600000171	NARTRUAX								
SUSAD	PSX	K4011730VTLA	N28455193W096182225	E00800000062	NARPALACIOS								

[illegible][illegible]

FAA Form 8260-15C / August 2009 (Computer Generated)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW14		010		VA		FB		139.7()		AA 01600	
	RW14		020		VM		FB		139.7()			
	RW14	KARRR	030		DF		FB	1.0			AB 16000	
	RW14	KAVCY	040		TF		FB	1.0				
	RW32		010		VA		FB		319.7()		AA 00900	
	RW32		020		VM		FB		319.7()			
	RW32	KARRR	030		DF		FB	1.0			AB 16000	
	RW32	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW14	N293134.05	W0951445.86	N2931.568	W09514.764
	RW32	N293059.22	W0951417.63	N2930.987	W09514.294

RUNWAY DATA THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW14	00044	50
RW32	00039	40

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

NAVAID	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAD	CRP	K4011550VTHA	N27541356W097264157	N27541356W097264157	E00900000602	NAR	CORPUS CHRISTI						
SUSAD	NGP	K4011400VTLA	N27411060W097174107	N27411060W097174107	E00600000171	NAR	TRUAX						
SUSAD	PSX	K4011730VTHA	N28455193W096182225	N28455193W096182225	E00800000062	NAR	PALACIOS						

WP	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAEENRT	JAWNS	K40	W	N28540868W095370136	E0030	NAR	JAWNS						
SUSAEENRT	KARRR	K40	W	N29224243W095223147	E0028	NAR	KARRR						
SUSAEENRT	KAVCY	K40	W	N29175136W095274449	E0029	NAR	KAVCY						
SUSAEENRT	SKUBA	K40	R	B N29114309W095472837	E0031	NAR	SKUBA						
SUSAEENRT	WWREN	K40	W	N28075399W096055498	E0033	NAR	WWREN						
SUSAEENRT	YOMOM	K40	W	N27591535W097085598	E0039	NAR	YOMOM						

AIRPORT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSGRK4ASGR	0	080YHN29372010W095392350E005000082	1800018000C	MNAR	SUGAR LAND	RGNL						

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KSGRK4DKARRR24RW17	010	0	VA	1703	+ 01500	18000						
SUSAP	KSGRK4DKARRR24RW17	020	0	VM	1703								
SUSAP	KSGRK4DKARRR24RW17	030KARRRK4EA0E	010DF	- 16000									
SUSAP	KSGRK4DKARRR24RW17	040KAVCYK4EA0EE	010TF										
SUSAP	KSGRK4DKARRR24RW35	010	0	VA	3503	+ 01100	18000						
SUSAP	KSGRK4DKARRR24RW35	020	0	VM	3503								
SUSAP	KSGRK4DKARRR24RW35	030KARRRK4EA0E	010DF	- 16000									
SUSAP	KSGRK4DKARRR24RW35	040KAVCYK4EA0EE	010TF										
SUSAP	KSGRK4DKARRR26CRP	010KAVCYK4EA0E	IF			18000							
SUSAP	KSGRK4DKARRR26CRP	020SKUBAK4EA0E	010TF										
SUSAP	KSGRK4DKARRR26CRP	030PSX K4D 0V	010TF										
SUSAP	KSGRK4DKARRR26CRP	040YOMOMK4EA0E	010TF										
SUSAP	KSGRK4DKARRR26CRP	050CRP K4D 0VE	010TF										
SUSAP	KSGRK4DKARRR26NGP	010KAVCYK4EA0E	IF			18000							
SUSAP	KSGRK4DKARRR26NGP	020JAWNSK4EA0E	010TF										
SUSAP	KSGRK4DKARRR26NGP	030NGP K4D 0VE	010TF										
SUSAP	KSGRK4DKARRR26PSX	010KAVCYK4EA0E	IF			18000							
SUSAP	KSGRK4DKARRR26PSX	020SKUBAK4EA0E	010TF										
SUSAP	KSGRK4DKARRR26PSX	030PSX K4D 0VE	010TF										

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	RW17		010		VA		FB		170.3 ()		AA 01500	
	RW17		020		VM		FB		170.3 ()			
	RW17	KARRR	030		DF		FB	1.0			AB 16000	
	RW17	KAVCY	040		TF		FB	1.0				
	RW35		010		VA		FB		350.3 ()		AA 01100	
	RW35		020		VM		FB		350.3 ()			
	RW35	KARRR	030		DF		FB	1.0			AB 16000	
	RW35	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
CRP	N275413.56	W0972641.57	N2754.226	W09726.693
NGP	N274110.60	W0971741.07	N2741.177	W09717.685
PSX	N284551.93	W0961822.25	N2845.866	W09618.371
JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
RW17	N293755.81	W0953926.90	N2937.930	W09539.448
RW35	N293700.21	W0953921.64	N2937.004	W09539.361

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW17	00082	52
RW35	00075	56

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

[illegible]

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW12		010		VA		FB		123.7()		AA 00540	
	RW12		020		VM		FB		123.7()			
	RW12	KARRR	030		DF		FB	1.0			AB 16000	
	RW12	KAVCY	040		TF		FB	1.0				
	RW30		010		VA		FB		303.7()		AA 00540	
	RW30		020		VM		FB		303.7()			
	RW30	KARRR	030		DF		FB	1.0			AB 16000	
	RW30	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW12	N294621.84	W0943957.96	N2946.364	W09439.966
	RW30	N294603.23	W0943931.37	N2946.054	W09439.523

RUNWAY DATA	THRESHOLD
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DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW12	00020	40
RW30	00020	50

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP	T41	K4DKARRR26CRP	040YOMOMK4EA0E	010TF	
SUSAP	T41	K4DKARRR26CRP	050CRP K4D 0VE	010TF	
SUSAP	T41	K4DKARRR26NGP	010KAVCYK4EA0E	IF	18000
SUSAP	T41	K4DKARRR26NGP	020JAWNSK4EA0E	010TF	
SUSAP	T41	K4DKARRR26NGP	030NGP K4D 0VE	010TF	
SUSAP	T41	K4DKARRR26PSX	010KAVCYK4EA0E	IF	18000
SUSAP	T41	K4DKARRR26PSX	020SKUBAK4EA0E	010TF	
SUSAP	T41	K4DKARRR26PSX	030PSX K4D 0VE	010TF	
SUSAP	T41	K4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP	T41	K4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP	T41	K4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP	T41	K4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP	T41	K4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP	T41	K4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP	T41	K4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW05		010		VA		FB		046.3()		AA 00540	
	RW05		020		VM		FB		046.3()			
	RW05	KARRR	030		DF		FB	1.0			AB 16000	
	RW05	KAVCY	040		TF		FB	1.0				
	RW12		010		VA		FB		121.2()		AA 00540	
	RW12		020		VM		FB		121.2()			
	RW12	KARRR	030		DF		FB	1.0			AB 16000	
	RW12	KAVCY	040		TF		FB	1.0				
	RW23		010		VA		FB		226.4()		AA 00540	
	RW23		020		VM		FB		226.4()			
	RW23	KARRR	030		DF		FB	1.0			AB 16000	
	RW23	KAVCY	040		TF		FB	1.0				
	RW30		010		VA		FB		301.2()		AA 00540	
	RW30		020		VM		FB		301.2()			
	RW30	KARRR	030		DF		FB	1.0			AB 16000	
	RW30	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP		050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP		030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
RW05	N294000.36	W0950403.90	N2940.006	W09504.065
RW12	N294020.07	W0950408.82	N2940.335	W09504.147
RW23	N294018.90	W0950337.36	N2940.315	W09503.623
RW30	N293959.19	W0950336.12	N2939.987	W09503.602

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH
RW05	00023	50
RW12	00025	45
RW23	00024	50
RW30	00024	40

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC PACKET - 424-18 - SID

[illegible][illegible][illegible][illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP T78	K4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP T78	K4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP T78	K4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP T78	K4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP T78	K4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP T78	K4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP T78	K4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP T78	K4GRW16	0038011608	N30045829W094420007+0000	-0006300069000040075R									
SUSAP T78	K4GRW34	0038013408	N30042182W094414944+0000	-0006400069000050075D									

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW16		010		VA		FB		160.8()		AA 01700	
	RW16		020		VM		FB		160.8()			
	RW16	KARRR	030		DF		FB	1.0			AB 16000	
	RW16	KAVCY	040		TF		FB	1.0				
	RW34		010		VA		FB		340.8()		AA 01000	
	RW34		020		VM		FB		340.8()			
	RW34	KARRR	030		DF		FB	1.0			AB 16000	
	RW34	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW16	N300458.29	W0944200.07	N3004.972	W09442.001
	RW34	N300421.82	W0944149.44	N3004.364	W09441.824

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW16	00069	40
RW34	00069	50

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

[illegible]

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

SUSAP	KTMEK4DKARRR26WWREN	010KAVCYK4EA0E	IF	18000
SUSAP	KTMEK4DKARRR26WWREN	020JAWNSK4EA0E	010TF	
SUSAP	KTMEK4DKARRR26WWREN	030WWRENK4EA0EE	010TF	
SUSAP	KTMEK4DKARRR26YOMOM	010KAVCYK4EA0E	IF	18000
SUSAP	KTMEK4DKARRR26YOMOM	020SKUBAK4EA0E	010TF	
SUSAP	KTMEK4DKARRR26YOMOM	030PSX K4D 0V	010TF	
SUSAP	KTMEK4DKARRR26YOMOM	040YOMOMK4EA0EE	010TF	

	1	2	3	4	5	6	7	8	9	0	1	2	3
RUNWAY	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												
SUSAP	KTMEK4GRW18	0066101753	N29485085W095535286+0000	+0023100166000040100R									
SUSAP	KTMEK4GRW36	0066103553	N29474540W095535188+0000	+0022100163000040100R									

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW18		010		VA		FB		174.3()		AA 00680	
	RW18		020		VM		FB		174.3()			
	RW18	KARRR	030		DF		FB	1.0			AB 16000	
	RW18	KAVCY	040		TF		FB	1.0				
	RW36		010		VA		FB		354.3()		AA 00680	
	RW36		020		VM		FB		354.3()			
	RW36	KARRR	030		DF		FB	1.0			AB 16000	
	RW36	KAVCY	040		TF		FB	1.0				
	CRP	KAVCY	010		IF		FB					
	CRP	SKUBA	020		TF		FB	1.0				
	CRP	PSX	030		TF		FB	1.0				
	CRP	YOMOM	040		TF		FB	1.0				
	CRP	CRP	050		TF		FB	1.0				
	NGP	KAVCY	010		IF		FB					
	NGP	JAWNS	020		TF		FB	1.0				
	NGP	NGP	030		TF		FB	1.0				
	PSX	KAVCY	010		IF		FB					
	PSX	SKUBA	020		TF		FB	1.0				
	PSX	PSX	030		TF		FB	1.0				
	WWREN	KAVCY	010		IF		FB					
	WWREN	JAWNS	020		TF		FB	1.0				
	WWREN	WWREN	030		TF		FB	1.0				
	YOMOM	KAVCY	010		IF		FB					
	YOMOM	SKUBA	020		TF		FB	1.0				
	YOMOM	PSX	030		TF		FB	1.0				
	YOMOM	YOMOM	040		TF		FB	1.0				

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CRP	N275413.56	W0972641.57	N2754.226	W09726.693
	NGP	N274110.60	W0971741.07	N2741.177	W09717.685
	PSX	N284551.93	W0961822.25	N2845.866	W09618.371
	JAWNS	N285408.68	W0953701.36	N2854.145	W09537.023
	KARRR	N292242.43	W0952231.47	N2922.707	W09522.525
	KAVCY	N291751.36	W0952744.49	N2917.856	W09527.742
	SKUBA	N291143.09	W0954728.37	N2911.718	W09547.473
	WWREN	N280753.99	W0960554.98	N2807.900	W09605.916
	YOMOM	N275915.35	W0970855.98	N2759.256	W09708.933
	RW18	N294850.85	W0955352.86	N2948.848	W09553.881
	RW36	N294745.40	W0955351.88	N2947.757	W09553.865

RUNWAY DATA

THRESHOLD

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
KARRR RNAV	TWO	KARRR2.KARRR	ONE	05/29/2014	18 SEP 2014

RWY	ELEVATION	TCH
RW18	00166	40
RW36	00163	40