

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

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Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
INDIE	SIX	INDIE6.INDIE	FIVE	06/22/2017	19 JUL 2018
<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:**GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)**

TAKEOFF RWY 8L/8R: CLIMB HEADING 086.94 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 9: CLIMB HEADING 086.95 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 15L: CLIMB HEADING 148.96 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 15R: CLIMB HEADING 148.95 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 26L/26R: CLIMB HEADING 266.96 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 27: CLIMB HEADING 266.97 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 33L/33R: CLIMB HEADING 328.96 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
 ...ON TRACK 015.64 TO COLET, THEN ON TRACK 025.13 TO SUSHI, THEN ON TRACK 026.04 TO WDWELL, THEN ON TRACK 026.23 TO INDIE, THEN ON (TRANSITION). MAINTAIN 16000 OR AS ASSIGNED BY ATC. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

WILLIAM P HOBBY (KHOU)

TAKEOFF RWY 4: CLIMB HEADING 040.95 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 13L: CLIMB HEADING 130.93 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 13R: CLIMB HEADING 130.95 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 17: CLIMB HEADING 175.94 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 22: CLIMB HEADING 220.96 TO 700 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 31L: CLIMB HEADING 310.96 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 31R: CLIMB HEADING 310.94 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 35: CLIMB HEADING 355.94 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 ...ON TRACK 015.64 TO COLET, THEN ON TRACK 025.13 TO SUSHI, THEN ON TRACK 026.04 TO WDWELL, THEN ON TRACK 026.23 TO INDIE, THEN ON (TRANSITION). MAINTAIN 16000 OR AS ASSIGNED BY ATC. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

BAY CITY RGNL (KBYY)

TAKEOFF RWY 13: CLIMB HEADING 130.57 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...
 TAKEOFF RWY 31: CLIMB HEADING 310.57 TO 560 FOR RADAR VECTORS TO RENNK, THENCE...

DAVID WAYNE HOOKS MEMORIAL (KDWL)

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

ELLINGTON (KEFD)

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

HOUSTON EXECUTIVE (KTME)

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



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INDIE	SIX	INDIE6.INDIE	FIVE	06/22/2017	19 JUL 2018
HOUSTON-SOUTHWEST (KAXH)					
TAKEOFF RWY 9: CLIMB HEADING 089.24 TO 2000 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 27: CLIMB HEADING 269.24 TO 2200 FOR RADAR VECTORS TO RENNK, THENCE...					
CONROE-NORTH HOUSTON RGNL (KCXO)					
TAKEOFF RWY 1: CLIMB HEADING 012.17 TO 760 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 14: CLIMB HEADING 140.48 TO 760 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 19: CLIMB HEADING 192.17 TO 760 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 32: CLIMB HEADING 320.49 TO 760 FOR RADAR VECTORS TO RENNK, THENCE...					
PEARLAND RGNL (KLVJ)					
TAKEOFF RWY 14: CLIMB HEADING 141.67 TO 1600 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 32: CLIMB HEADING 321.67 TO 700 FOR RADAR VECTORS TO RENNK, THENCE...					
SUGAR LAND RGNL (KSGR)					
TAKEOFF RWY 17: CLIMB HEADING 170.28 TO 1500 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 35: CLIMB HEADING 350.28 TO 1100 FOR RADAR VECTORS TO RENNK, THENCE...					
WEST HOUSTON (KIWS)					
TAKEOFF RWY 15: CLIMB HEADING 149.68 TO 620 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 33: CLIMB HEADING 329.68 TO 620 FOR RADAR VECTORS TO RENNK, THENCE...					
CHAMBERS COUNTY (KT00)					
TAKEOFF RWY 12: CLIMB HEADING 123.74 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 30: CLIMB HEADING 303.74 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TEXAS GULF COAST RGNL (KLBX)					
TAKEOFF RWY 17: CLIMB HEADING 174.93 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 35: CLIMB HEADING 354.93 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
BAYTOWN (KHPY)					
TAKEOFF RWY 14: CLIMB HEADING 139.75 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 32: CLIMB HEADING 319.75 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
RWJ AIRPARK (K54T)					
TAKEOFF RWY 8: CLIMB HEADING 084.03 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 14: CLIMB HEADING 142.55 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 26: CLIMB HEADING 264.03 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKOFF RWY 32: CLIMB HEADING 322.55 TO 540 FOR RADAR VECTORS TO RENNK, THENCE...					
CLEVELAND MUNI (K6R3)					
TAKEOFF RWY 16: CLIMB HEADING 156.75 TO 1400 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 34: CLIMB HEADING 311.75 TO 2000 FOR RADAR VECTORS TO RENNK, THENCE...					
SCHOLES INTL AT GALVESTON (KGLS)					
TAKEOFF RWY 14: CLIMB HEADING 138.11 TO 520 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 18: CLIMB HEADING 178.86 TO 520 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 32: CLIMB HEADING 318.12 TO 520 FOR RADAR VECTORS TO RENNK, THENCE...					
TAKEOFF RWY 36: CLIMB HEADING 358.86 TO 520 FOR RADAR VECTORS TO RENNK, THENCE...					



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LA PORTE MUNI (KT41)

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

LIBERTY MUNI (KT78)

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

WHARTON RGNL (KARM)

TAKEOFF RWY 14: CLIMB HEADING 147.80 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...
TAKEOFF RWY 32: CLIMB HEADING 327.81 TO 600 FOR RADAR VECTORS TO RENNK, THENCE...

...ON TRACK 015.64 TO COLET, THEN ON TRACK 025.13 TO SUSHI, THEN ON TRACK 026.04 TO WWELL, THEN ON TRACK 026.23 TO INDIE, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
TPAKK	INDIE6.TPAKK	INDIE	TPAKK	TRACK 027.77	105.39	12000	2100	

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED
NOTE: DME/DME/IRU OR GPS REQUIRED.
NOTE: RNAV 1.
NOTE: TPAKK TRANSITION: FOR NON GPS EQUIPPED AIRCRAFT TNV DME MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:**GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)**

RWY 8L, 8R, 9, 15L, 15R, 26L, 26R, 27, 33L, 33R STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 600.

WILLIAM P HOBBY (KHOU)

RWY 4, 13L, 13R, 17, 31L, 31R, 35 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 560.
RWY 22 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 700.

BAY CITY RGNL (KBYY)

RWY 13, 31 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 560.

DAVID WAYNE HOOKS MEMORIAL (KDWH)

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.

QUALITY
3
CHECKED

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INDIE	SIX	INDIE6.INDIE	FIVE	06/22/2017	19 JUL 2018
ELLINGTON (KEFD)					
RWY 4, 17L, 17R, 22, 35L, 35R STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.					
HOUSTON EXECUTIVE (KTME)					
RWY 18, 36 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 680.					
HOUSTON-SOUTHWEST (KAXH)					
RWY 9, 27 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 580.					
CONROE-NORTH HOUSTON RGNL (KCXO)					
RWY 1, 14, 19, 32 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 760.					
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.					
WEST HOUSTON (KIWS)					
RWY 15, 33 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 620.					
CHAMBERS COUNTY (KT00)					
RWY 17, 35 NA-ENVIRONMENTAL.					
RWY 12, 30 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.					
TEXAS GULF COAST RGNL (KLBX)					
RWY 17, 35 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.					
BAYTOWN (KHPY)					
RWY 14, 32 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 540.					
RWJ AIRPARK (K54T)					
RWY 08, 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.					
SCHOLES INTL AT GALVESTON (KGLS)					
RWY 14, 18, 32, 36 STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 520.					
LA PORTE MUNI (KT41)					
RWY 05, 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.					
WHARTON RGNL (KARM)					
RWY 14, 32 STANDARD WITH A MINIMUM CLIMB OF 500 FT PER NM TO 600.					



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TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:**WILLIAM P HOBBY (KHOU)**

RWY 4: 174 FT MSL BUILDING 293935.00N/0951526.00W.

RWY 17: 150 FT MSL CRANE 293751.23N/0951710.97W, 2049 FT MSL TOWER 293430.00N/0952938.00W.

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

ELLINGTON (KEFD)

RWY 22: 192 FT MSL WATER TOWER 293521.00N/0951048.09W.

HOUSTON EXECUTIVE (KTME)

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

HOUSTON-SOUTHWEST (KAXH)

RWY 9, 27: 2049 FT MSL TOWERS 293341.00N/0953005.00W.

PEARLAND RGNL (KLVJ)

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

SUGAR LAND RGNL (KSGR)

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

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

CLEVELAND MUNI (K6R3)

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 16: 2049 FT MSL TOWER 301351.00N/0950726.00W. RWY 34: 2049 FT MSL TOWER 303207.00N/0950105.00W.

BAYTOWN (KHPY)

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

SCHOLES INTL AT GALVESTON (KGLS)

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

LA PORTE MUNI (KT41)

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

LIBERTY MUNI (KT78)

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

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

REFERENCE MAG VAR: KIAH 3E EPOCH YR: 2015.

DME/DME ASSESSMENT: SAT (RNP 2.0).



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GEORGE BUSH INTERCONTINENTAL (KIAH) – CHART: TOP ALTITUDE: 16000
 WILLIAM P HOBBY (KHOU) – CHART: TOP ALTITUDE: 16000
 RWJ AIRPARK (K54T) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 CLEVELAND MUNI (K6R3) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 WHARTON RGNL (KARM) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 HOUSTON-SOUTHWEST (KAXH) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 BAY CITY RGNL (KBYY) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 CONROE-NORTH HOUSTON RGNL (KCXO) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 DAVID WAYNE HOOKS MEMORIAL (KDWH) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 ELLINGTON (KEFD) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 SCHOLLES INTL AT GALVESTON (KGLS) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 BAYTOWN (KHPY) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 WEST HOUSTON (KIWS) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 TEXAS GULF COAST RGNL (KLBX) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 PEARLAND RGNL (KLVJ) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 SUGAR LAND RGNL (KSGR) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 CHAMBERS COUNTY (KT00) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 LA PORTE MUNI (KT41) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 LIBERTY MUNI (KT78) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 HOUSTON EXECUTIVE (KTME) – CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CHART: MEA/MOCA FROM RENNK TO COLET, 4900/3100. MEA/MOCA FROM COLET TO SUSHI, 6800/3100. MEA/MOCA FROM SUSHI TO WWELL, 10700/3100. MEA/MOCA FROM WWELL TO INDIE, 12000/2400.

PILOT NAVIGATION AREA:

10 NM ARC CENTERED ON RENNK (IF), CW
 FROM: POINT A (BEARING 331 DEGREES TO RENNK)
 TO: POINT B (BEARING 061 DEGREES TO RENNK)
 MINIMUM ALTITUDE- 3100
 MAXIMUM ATC ALTITUDE- 16000

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)	HOUSTON	TX
WILLIAM P HOBBY (KHOU)	HOUSTON	TX
BAY CITY RGNL (KBYY)	BAY CITY	TX
DAVID WAYNE HOOKS MEMORIAL (KDWH)	HOUSTON	TX
ELLINGTON (KEFD)	HOUSTON	TX

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INDIE	SIX	INDIE6.INDIE	FIVE	06/22/2017	19 JUL 2018
HOUSTON EXECUTIVE (KTME)			HOUSTON		TX
HOUSTON-SOUTHWEST (KAXH)			HOUSTON		TX
CONROE-NORTH HOUSTON RGNL (KCXO)			HOUSTON		TX
PEARLAND RGNL (KLVJ)			HOUSTON		TX
SUGAR LAND RGNL (KSGR)			HOUSTON		TX
WEST HOUSTON (KIWS)			HOUSTON		TX
CHAMBERS COUNTY (KT00)			ANAHUAC		TX
TEXAS GULF COAST RGNL (KLBX)			ANGLETON/LAKE JACKSON		TX
BAYTOWN (KHPY)			BAYTOWN		TX
RWJ AIRPARK (K54T)			BAYTOWN		TX
CLEVELAND MUNI (K6R3)			CLEVELAND		TX
SCHOLES INTL AT GALVESTON (KGLS)			GALVESTON		TX
LA PORTE MUNI (KT41)			LA PORTE		TX
LIBERTY MUNI (KT78)			LIBERTY		TX
WHARTON RGNL (KARM)			WHARTON		TX

COMMUNICATIONS:**ATIS:** IAH, HOU, EFD, CXO, DWH.**AWOS/ASOS:** IAH, HOU, EFD, DWH, SGR, AXH, CXO, TME, GLS, LBX, 6R3, LVJ, ARM, BYY.**CTAF:** CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, 54T, 6R3, HPY, LVJ, T00, T78, ARM, BYY.**CLNC DEL:** IAH, HOU, CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41, LVJ.**GND CON:** IAH, HOU, EFD, CXO, DWH, SGR, GLS.**TWR:** IAH, HOU, EFD, CXO, DWH, SGR, GLS.**DEP CON:** CXO/DWH/6R3/T78 - 119.7/281.4**DEP CON:** AXH/IWS/SGR/TME - 123.8/257.7**DEP CON:** EFD/GLS/HPY/LBX/LVJ/54T/T00/T41 - 134.45/284.0**DEP CON:** KIAH/KHOU - 132.25/285.425**DEP CON:** KARM/KBYY - HOUSTON CENTER 128.6/360.8

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INDIE	SIX	INDIE6.INDIE	FIVE	06/22/2017	19 JUL 2018

FIXES AND/OR NAVAIDS:

QUALITY
3
CHECKED

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

Bearings, headings, courses, tracks and radials are magnetic. Elevations and altitudes are in feet, MSL. Altitudes are minimum altitudes unless otherwise indicated.
Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statute miles or feet RVR unless otherwise indicated.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
INDIE	SIX	INDIE6.INDIE	FIVE	06/22/2017	19 JUL 2018

REMARKS:

FOR CONTINUITY, ON RUNWAYS WHERE 500 FT PER NM TO 500 FT ABOVE APT ELEV WAS NOT SUFFICIENT TO CLEAR DIVERSE A/B OBSTACLES, THE ALTITUDE OF THE TEXTUAL DEPARTURE PROCEDURE ON ODP WAS UTILIZED.

ABBREVIATED AMENDMENT; DOES NOT QUALIFY AS PERIODIC REVIEW.

FLIGHT INSPECTED BY:

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017

Digitally signed by

DION E LANCIA

Feb 16, 2018

OFFICE SYMBOL:

DATE:

DEVELOPED BY:

JOHN R THORNTON

Digitally signed by

JOHN R THORNTON

Feb 12, 2018

OFFICE SYMBOL:

AJV-5423

DATE:

01/29/2018

APPROVED BY:

JULIE MORGAN

Digitally signed by

DION E LANCIA

Feb 16, 2018

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:

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

CHANGES - REASONS:

1. CHANGED NUMBER FROM FIVE TO SIX, DP COMPUTER CODE FROM INDIE5.INDIE TO INDIE6.INDIE, SUPERSEDED NUMBER FROM FOUR TO FIVE, AND CHANGED DATED FROM 11/10/2016 TO 06/22/2017 - ABBREVIATED AMENDMENT DUE TO KARM AIRPORT MAG VAR CHANGE FROM 6E TO 3E.
2. DP ROUTE DESCRIPTION: CHANGED ALL INSTANCES FROM "... , EXPECT RADAR VECTORS" TO "...FOR RADAR VECTORS" - IAW FAO 8260.46F 2-1-1.G.
3. CHANGED WHARTON RGNL (KARM) DP ROUTE DESCRIPTION TAKEOFF RWY 14 FROM 144.80 TO 147.80 / TAKEOFF RWY 32 FROM 324.81 TO 327.81 - KARM MAG VAR CHANGED FROM 6E TO 3E.
4. CHANGED TRANSITION COMPUTER CODE FROM INDIE5.TPAKK TO INDIE6.TPAKK - ABBREVIATED AMENDMENT DUE TO KARM AIRPORT MAG VAR CHANGE FROM 6E TO 3E.
5. DELETED ALL TAKEOFF OBSTACLE NOTES AND ADDED "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - IAW AJV-5 MEMO 259 DATED 27 DEC 2017, SUBJECT: IMPLEMENTATION OF AFS WAIVER FOR FAA ORDER 8260.46F, DEPARTURE PROCEDURE PROGRAM.
6. CHANGED REMARK FROM "ABBREVIATED AMENDMENT" TO "ABBREVIATED AMENDMENT; DOES NOT QUALIFY AS PERIODIC REVIEW" - AMENDMENT TO UPDATE KARM MAG VAR/AMENDMENT DOES NOT MEET PERIODIC REVIEW REQUIREMENTS.

QUALITY
3
CHECKED

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

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>EFFECTIVE DATE</u>
INDIE		SIX		INDIE6.INDIE		FIVE		06/22/2017	19 JUL 2018
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
RENNK	301728.75N/0951321.10W	Y	-	IF	-	-			
COLET	302657.61N/0950939.64W	Y	FB	TF	018.64	9.98			
SUSHI	303528.92N/0950423.62W	Y	FB	TF	028.13	9.64			
WWELL	310928.05N/0944225.88W	Y	FB	TF	029.04	38.82			
INDIE	312909.31N/0942934.15W	Y	FB	TF	029.23	22.52			
INDIE	312909.31N/0942934.15W	Y	-	IF	-	-			INDIE6.TPAKK
TPAKK	325937.95N/0932528.32W	Y	FB	TF	030.77	105.39			

QUALITY
3
CHECKED