

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

Bearings, headings, courses, tracks, and radials are magnetic. Elevation 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. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LAKE CHARLES	FOUR	LCH4.LCH	THREE	4/30/2015	10 DEC 2015

**TYPE:** SID

**DP ROUTE DESCRIPTION:**

**GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)**

CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO WEDRI INT, MAINTAIN 16000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

**ALL OTHER AIRPORTS**

WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO WEDRI INT, MAINTAIN 4000, EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

....ON IAH R-082 TO HOURN INT, THEN ON LCH R-253 TO LCH VORTAC.

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
FIGHTING TIGERS	LCH4.LSU	LCH VORTAC	LSU VORTAC	070.21 & 072.13 (LCH R-070 & LSU R-252)	96.30	FL180	2900	

**PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:**

**NOTE:** RADAR REQUIRED.

**TAKEOFF MINIMUMS:**

**GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)**

RWY 8L, 8R, 9, 15L, 15R, 26L, 26R, 27, 33L, 33R STANDARD.

**DAVID WAYNE HOOKS MEMORIAL (KDWL)**

RWY 17L, 35R, NA - ENVIRONMENTAL.

WATERWAY 17, 35, NA - AIR TRAFFIC.

RWY 17R, 35L STANDARD.

**LONE STAR EXECUTIVE (KCXO)**

RWY 1, 14, 19, 32 STANDARD.

**TAKEOFF OBSTACLES NOTES:**

**GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)**

**NOTE: RWY 8L**, TREE 2866 FT FROM DER, 921 FT LEFT OF CENTERLINE, 107 FT AGL/201 FT MSL. MULTIPLE TREES BEGINNING 2750 FT FROM DER, 106 FT RIGHT OF CENTERLINE, UP TO 80 FT AGL/174 FT MSL.

**NOTE: RWY 15L**, MULTIPLE TREES BEGINNING 2638 FT FROM DER, 758 FT RIGHT OF CENTERLINE, UP TO 76 FT AGL/160 FT MSL.

**NOTE: RWY 15R**, TOWER 1431 FT FROM DER, 591 FT LEFT OF CENTERLINE, 48 FT AGL/133 FT MSL. ANTENNA ON GLIDESLOPE 1469 FT FROM DER, 621 FT LEFT OF CENTERLINE,



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49 FT AGL/133 FT MSL.

**NOTE: RWY 26R**, POLE 950 FT FROM DER, 660 FT RIGHT OF CENTERLINE, 40 FT AGL/129 FT MSL.

**NOTE: RWY 33R**, TREE 2868 FT FROM DER, 1027 FT RIGHT OF CENTERLINE, 73 FT AGL/172 FT MSL.

**DAVID WAYNE HOOKS MEMORIAL (KDWL)**

**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.

**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.

**CONTROLLING OBSTACLES:**

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

CHART: MEA FROM WEDRI TO HOUN, 6000.

CHART: LCH R-253 AT HOUNE (FLIGHT CHECK VALUE).

GEORGE BUSH INTERCONTINENTAL/HOUSTON – CHART: TOP ALTITUDE: 16000

DAVID WAYNE HOOKS MEMORIAL – CHART: TOP ALTITUDE: 4000

LONE STAR EXECUTIVE – CHART: TOP ALTITUDE: 4000



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LAKE CHARLES	FOUR	LCH4.LCH	THREE	4/30/2015	10 DEC 2015

**AIRPORTS SERVED:**

GEORGE BUSH INTERCONTINENTAL/HOUSTON  
DAVID WAYNE HOOKS MEMORIAL  
LONE STAR EXECUTIVE

HOUSTON, TX  
HOUSTON, TX  
HOUSTON, TX

**COMMUNICATIONS:**

**ATIS:** IAH, CXO, DWH. **AWOS/ASOS:** IAH, DWH, CXO. **CLNC DEL:** IAH, CXO, DWH. **GND CON:** IAH, CXO, DWH. **TWR:** IAH, CXO, DWH. **CTAF:** CXO, DWH. **DEP CON:** IAH, CXO, DWH.

**FIXES AND/OR NAVAIDS:**

DAS VORTAC



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LAKE CHARLES	FOUR	LCH4.LCH	THREE	4/30/2015	10 DEC 2015

**REMARKS:**

**CHANGES:**

1. ADDED TOP ALTITUDES
2. CHANGED IAH MAINTAIN ALTITUDE FROM 4000 TO 16000.

**REASONS:**

- 1, 2. ATC REQUEST



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LAKE CHARLES	FOUR	LCH4 .LCH	THREE	04/30/2015	10 DEC 2015

ARINC SUMMARY - KCXO

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	WEDRI	IF	FB										E
ALL	020	HOURN	TF	FB										E
ALL	030	LCH	TF	FB										VE
LSU	010	LCH	IF	FB										V
LSU	020	LSU	TF	FB										VE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
LCH	N300829.45	W0930620.05
LSU	N302906.47	W0911738.62
HOURN	N295945.76	W0941816.28
WEDRI	N295911.45	W0943444.08

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW01	N302044.23	W0952510.12	00230
RW14	N302145.72	W0952513.62	00234
RW19	N302131.51	W0952453.28	00229
RW32	N302044.54	W0952425.10	00241



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LAKE CHARLES	FOUR	LCH4 .LCH	THREE	4/30/2015	10 DEC 2015

ARINC SUMMARY - KDWH

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
RW17R	010	WEDRI	IF	FB										E
RW17R	020	HOURN	TF	FB										E
RW17R	030	LCH	TF	FB										VE
RW35L	010	WEDRI	IF	FB										E
RW35L	020	HOURN	TF	FB										E
RW35L	030	LCH	TF	FB										VE
LSU	010	LCH	IF	FB										V
LSU	020	LSU	TF	FB										VE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
LCH	N300829.45	W0930620.05
LSU	N302906.47	W0911738.62
HOURN	N295945.76	W0941816.28
WEDRI	N295911.45	W0943444.08

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW17R	N300414.04	W0953315.88	00152
RW35L	N300315.10	W0953307.27	00145



## DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
LAKE CHARLES	FOUR	LCH4 .LCH	THREE	4/30/2015	10 DEC 2015

ARINC SUMMARY - KIAH

## ROUTES

TRANSITION	WPT SEQ	WPT NAME	LEG TYPE	FB/FO	RNP	MAG CRS	REC NAV	ANGLE	TURN DIR	CENTER FIX	TURN RADIUS	ALTITUDE DESCRIPTION & VALUE	SPEED LIMIT DESCRIPTION & VALUE	WPT DESCRIPTION CODE
ALL	010	WEDRI	IF	FB										E
ALL	020	HOURN	TF	FB										E
ALL	030	LCH	TF	FB										VE
LSU	010	LCH	IF	FB										V
LSU	020	LSU	TF	FB										VE

## POINTS

POINT NAME	LATITUDE	LONGITUDE
LCH	N300829.45	W0930620.05
LSU	N302906.47	W0911738.62
HOURN	N295945.76	W0941816.28
WEDRI	N295911.45	W0943444.08

## RUNWAYS

RUNWAY	THRESHOLD LATITUDE	THRESHOLD LONGITUDE	THRESHOLD ELEVATION
RW08L	N300025.78	W0952131.65	00091
RW08R	N295936.30	W0952117.87	00095
RW09	N295839.34	W0952002.79	00091
RW15L	N295916.40	W0952128.33	00095
RW15R	N295916.11	W0952141.04	00096
RW26L	N295936.38	W0951930.96	00093
RW26R	N300025.86	W0951949.29	00095
RW27	N295839.41	W0951809.09	00085
RW33L	N295748.75	W0952047.58	00087
RW33R	N295731.55	W0952024.19	00086

