

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

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

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>ACTUAL EFFECTIVE DATE</u>
ALEXANDRIA	THREE	AEX3.AEX	TWO	12/05/2019	07 OCT 2021

<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 type="checkbox"/>

DP ROUTE DESCRIPTION: THIS IS A CORRECTED COPY OF THIS PROCEDURE PREVIOUSLY PUBLISHED IN NFDD #135.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)
TAKEOFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

WILLIAM P HOBBY (KHOU)
TAKEOFF RWY 4, 13L, 13R, 22: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE ...
TAKEOFF RWY 31L: CLIMB ON HEADING 310.96 TO 800 BEFORE TURNING, THEN CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 31R: CLIMB ON HEADING 310.94 TO 800 BEFORE TURNING, THEN CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT, MAINTAIN 16000. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

ELLINGTON (KEFD)
TAKEOFF ALL RUNWAYS: CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE ...

SUGAR LAND RGNL (KSGR)
TAKEOFF RWY 17: CLIMB ON HEADING 170.28 TO 1500 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 35: CLIMB ON HEADING 350.28 TO 1100 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

HOUSTON-SOUTHWEST (KAXH)
TAKEOFF RWY 9: CLIMB ON HEADING 089.22 TO 2000 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 27: CLIMB ON HEADING 269.23 TO 2200 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

HOUSTON EXECUTIVE (KTME)
TAKEOFF RWY 18: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 36: CLIMB ON HEADING 355.25 TO 700 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

SCHOLES INTL AT GALVESTON (KGLS)
TAKEOFF RWY 14, 18, 36: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 32: CLIMB ON HEADING 318.12 TO 800 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

LA PORTE MUNI (KT41)
TAKEOFF RWY 5: CLIMB ON HEADING 046.34 TO 500 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 12: CLIMB ON HEADING 121.17 TO 500 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...
TAKEOFF RWY 23: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE



DP NAME ALEXANDRIA	NUMBER THREE	DP COMPUTER CODE AEX3.AEX	SUPERSEDED NUMBER TWO	DATED 12/05/2019	ACTUAL EFFECTIVE DATE 07 OCT 2021
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10 MINUTES AFTER DEPARTURE, THENCE...

TAKEOFF RWY 30: CLIMB ON HEADING 301.18 TO 700 BEFORE TURNING. WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

ALL OTHER AIRPORTS

ALL RUNWAYS: WHEN ENTERING CONTROLLED AIRSPACE, CLIMB ON ASSIGNED HEADING FOR RADAR VECTORS TO RAECN INT. MAINTAIN ATC ASSIGNED ALTITUDE. EXPECT FILED ALTITUDE 10 MINUTES AFTER DEPARTURE, THENCE...

...ON IAH R-028 TO VELCO INT, CROSS VELCO INT AT OR ABOVE 10000, THEN RIGHT TURN ON LFK R-082 AND AEX R-265 TO AEX VORTAC.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
CRESTVIEW	AEX3.CEW	AEX VORTAC	MCB VORTAC	085.00 & 086.16 (AEX R-085 & MCB R-266)	115.35	10000		
			CEW VORTAC	094.90 & 276.74 (MCB R-095 & CEW R-277)	186.65	FL 190		
MC COMB	AEX3.MCB	AEX VORTAC	MCB VORTAC	085.00 & 086.16 (AEX R-085 & MCB R-266)	115.35	10000		

PROCEDURAL DATA NOTES:

NOTE: RADAR REQUIRED.

NOTE: THE FOLLOWING TRANSITIONS ARE ATC ASSIGNED ONLY. DO NOT FILE. CRESTVIEW TRANSITION: (FOR AIRCRAFT BEING WEATHER REROUTED TO JOIN A JET ROUTE OFF CEW VORTAC OR OVERFLYING CEW VORTAC TO JOIN A DIRECT ROUTE).

MC COMB TRANSITION: (FOR AIRCRAFT BEING WEATHER REROUTED TO JOIN A JET ROUTE OFF MCB VORTAC OR OVERFLYING MCB VORTAC TO JOIN A DIRECT ROUTE).

TAKEOFF MINIMUMS:

GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH)

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

WILLIAM P HOBBY (KHOU)

RWY 4, 13L, 13R, 31L, 31R: STANDARD.

RWY 22: STANDARD WITH MINIMUM CLIMB OF 290 FT PER NM TO 1500.

ELLINGTON (KEFD)

RWY 4, 17L, 17R, 35L, 35R: STANDARD.

RWY 22: 200-1 1/4 OR STANDARD WITH MINIMUM CLIMB OF 214 FT PER NM TO 300, OR ALTERNATIVELY, WITH STANDARD TAKEOFF MINIMUMS AND A NORMAL 200 FT PER NM CLIMB GRADIENT, TAKEOFF MUST OCCUR NO LATER THAN 1400 FT PRIOR TO DER.

CONROE-NORTH HOUSTON RGNL (KCXO)

RWY 1, 14, 19, 32: STANDARD.

DAVID WAYNE HOOKS MEMORIAL (KDWI)

RWY 17L, 35R: NA - ENVIRONMENTAL.

WATERWAY 17, 35: NA - AIR TRAFFIC.

RWY 17R, 35L: STANDARD.

SUGAR LAND RGNL (KSGR)

RWY 17, 35: STANDARD.

HOUSTON-SOUTHWEST (KAXH)

RWY 9, 27: STANDARD.



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HOUSTON EXECUTIVE (KTME)

RWY 18, 36: STANDARD.

WEST HOUSTON (KIWS)

RWY 15, 33: STANDARD.

SCHOLES INTL AT GALVESTON (KGLS)

RWY 14, 18, 32, 36: STANDARD.

TEXAS GULF COAST RGNL (KLBX)

RWY 17, 35: STANDARD.

LA PORTE MUNI (KT41)

RWY 5, 12, 23, 30: STANDARD.

TAKEOFF OBSTACLES NOTES:**ALL AIRPORTS:** SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).**CONTROLLING OBSTACLES:****WILLIAM P HOBBY (KHOU)**

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

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

ELLINGTON (KEFD)

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

SUGAR LAND RGNL (KSGR)

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

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

HOUSTON-SOUTHWEST (KAXH)

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

HOUSTON EXECUTIVE (KTME)

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

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.

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

CHART COP LFK R-082/65 NM AND AEX R-265/49 NM; CHART J29 BETWEEN RAECN INT AND DARTR INT; CHART V212 BETWEEN COSGO INT AND MCB VORTAC; CHART J50 BETWEEN COSGO INT AND MCB VORTAC.

GEORGE BUSH INTERCONTINENTAL/HOUSTON (KIAH) - CHART: TOP ALTITUDE: 16000

WILLIAM P HOBBY (KHOU) - CHART: TOP ALTITUDE: 16000

ELLINGTON (KEFD) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

CONROE-NORTH HOUSTON RGNL (KCXO) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.



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DAVID WAYNE HOOKS MEMORIAL (KDWH) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 SUGAR LAND RGNL (KSGR) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 HOUSTON-SOUTHWEST (KAXH) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 HOUSTON EXECUTIVE (KTME) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 WEST HOUSTON (KIWS) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 SCHOLLES INTL AT GALVESTON (KGLS) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 TEXAS GULF COAST RGNL (KLBX) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.
 LA PORTE MUNI (KT41) - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

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

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
GEORGE BUSH INTERCONTINENTAL/HOUSTON	KIAH	HOUSTON	TX
WILLIAM P HOBBY	KHOU	HOUSTON	TX
ELLINGTON	KEFD	HOUSTON	TX
CONROE-NORTH HOUSTON RGNL	KCXO	HOUSTON	TX
DAVID WAYNE HOOKS MEMORIAL	KDWH	HOUSTON	TX
SUGAR LAND RGNL	KSGR	HOUSTON	TX
HOUSTON-SOUTHWEST	KAXH	HOUSTON	TX
HOUSTON EXECUTIVE	KTME	HOUSTON	TX
WEST HOUSTON	KIWS	HOUSTON	TX
SCHOLLES INTL AT GALVESTON	KGLS	GALVESTON	TX
TEXAS GULF COAST RGNL	KLBX	ANGLETON/LAKE JACKSON	TX
LA PORTE MUNI	KT41	LA PORTE	TX

COMMUNICATIONS:

ATIS: IAH, HOU, EFD, CXO, DWH, SGR, TME.
AWOS/ASOS: IAH, HOU, EFD, CXO, DWH, SGR, AXH, TME, GLS, LBX.
CTAF: CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41.
CLNC DEL: IAH, HOU, CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41.
DEP CON: IAH, HOU, EFD, CXO, DWH, SGR, AXH, TME, IWS, GLS, LBX, T41.
GND CON: IAH, HOU, EFD, CXO, DWH, SGR, TME, GLS, TME.
TWR: IAH, HOU, EFD, CXO, DWH, SGR, TME, GLS, TME.
CPDLC: IAH, HOU.

FIXES AND/OR NAVAIDS:

CHART: DARTR INT, COSGO INT, MUSIQ INT, DAS VORTAC, FXU VOR, IAH VORTAC, LFK VORTAC.



