

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
GUMBY	THREE	GUMBY3.GUMBY	TWO	4/30/2015	10 DEC 2015

TYPE: RNAV SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 8L/8R: CLIMB HEADING 086.94 TO 600, EXPECT RADAR VECTORS TO CROSS DWSUN AT OR BELOW 4000, THENCE...

TAKEOFF RWY 9: CLIMB HEADING 086.95 TO 600, EXPECT RADAR VECTORS TO CROSS DWSUN AT OR BELOW 4000, THENCE...

TAKEOFF RWY 15L: CLIMB HEADING 148.96 TO 600, THEN LEFT TURN DIRECT CRTMN, THEN ON TRACK 086.00 TO CROSS DWSUN AT OR BELOW 4000, THENCE...

TAKEOFF RWY 15R: CLIMB HEADING 148.95 TO 600, THEN LEFT TURN DIRECT CRTMN, THEN ON TRACK 086.00 TO CROSS DWSUN AT OR BELOW 4000, THENCE...

...ON TRACK 086.06 TO CROSS GUMBY AT OR BELOW 5000, THEN ON (TRANSITION). MAINTAIN 16000. 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
GUSTI	GUMBY3.GUSTI	GUMBY	JAAYE	TRACK 093.51	39.67	10600	3100	
			SPINY	TRACK 088.95	14.46	12000	1700	
			GUSTI	TRACK 079.95	59.59	12000	1500	
LAKE CHARLES	GUMBY3.LCH	GUMBY	HOURN	TRACK 082.00	40.41	10700	3100	
			BLING	TRACK 079.03	15.05	12000	1600	
			LCH VORTAC	TRACK 078.82	47.97	12000	1700	
WHITE LAKE	GUMBY3.LLA	GUMBY	YOKEM	TRACK 105.66	40.52	10700	3100	
			SBI VOR/DME	TRACK 094.24	16.04	12000	1300	
			LLA VOR/DME	TRACK 087.51	87.00	12000	1700	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: RNAV 1.

TAKEOFF MINIMUMS:

RWY 8L, 8R, 9, 15L, 15R, STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1700.

TAKEOFF OBSTACLES NOTES:

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.



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GUMBY	THREE	GUMBY3.GUMBY	TWO	4/30/2015	10 DEC 2015

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, 49 FT AGL/133 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KIAH 3E EPOCH YR: 2015. DME/DME ASSESSMENT: SAT (RNP 2.0).

CHART: SPEED ICON MAXIMUM SPEED 230 KIAS AT CRTMN.

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

CHART: MEA/MOCA FROM DWSUN TO GUMBY, 3400/1600.

PILOT NAVIGATION AREA:

7NM ARC CENTERED ON DWSUN (IF), CW
FROM: POINT A (BEARING 041 DEGREES TO DWSUN)
TO: POINT B (BEARING 131 DEGREES TO DWSUN)
MINIMUM ALTITUDE – 3000

AIRPORTS SERVED:

GEORGE BUSH INTERCONTINENTAL/HOUSTON	HOUSTON, TX
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COMMUNICATIONS:

ATIS, CLNC DEL, GND CON, TWR, DEP CON

FIXES AND/OR NAVAIDS:



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GUMBY	THREE	GUMBY3.GUMBY	TWO	4/30/2015	10 DEC 2015

CHANGES:

1. CHANGED MAINTAIN AND TOP ALTITUDE FROM 4000 TO 16000.

REASONS:

1. ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name		Number		DP Computer Code			Superseded Number		Dated	Effective Date
GUMBY		THREE		GUMBY3.GUMBY			TWO		4/30/2015	10 DEC 2015
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS	
RW08L (AER)	300025.78N/0952131.65W	N	-	-	-	-				
600 MSL		-	-	VA	089.94	-			CG 500 FT/NM TO 1700	
		-	-	VM	089.94	-				
DWSUN	295620.08N/0950712.83W	Y	FB	DF	-	-	AT/BELOW 4000			
RW08R (AER)	295936.30N/0952117.87W	N	-	-	-	-				
600 MSL		-	-	VA	089.94	-			CG 500 FT/NM TO 1700	
		-	-	VM	089.94	-				
DWSUN	295620.08N/0950712.83W	Y	FB	DF	-	-	AT/BELOW 4000			
RW09 (AER)	295839.33N/0952002.79W	N	-	-	-	-				
600 MSL		-	-	VA	089.95	-			CG 500 FT/NM TO 1700	
		-	-	VM	089.95	-				
DWSUN	295620.08N/0950712.83W	Y	FB	DF	-	-	AT/BELOW 4000			
RW15L (AER)	295916.40N/0952128.33W	N	-	-	-	-				
600 MSL		-	-	VA	151.96	-			CG 500 FT/NM TO 1700	
CRTMN	295613.35N/0951450.75W	Y	FB	DF	-	-		AT/BELOW 230K	LEFT TURN	
DWSUN	295620.08N/0950712.83W	Y	FB	TF	089.00	6.63	AT/BELOW 4000			
RW15R (AER)	295916.10N/0952141.03W	N	-	-	-	-				
600 MSL		-	-	VA	151.95	-			CG 500 FT/NM TO 1700	
CRTMN	295613.35N/0951450.75W	Y	FB	DF	-	-		AT/BELOW 230K	LEFT TURN	
DWSUN	295620.08N/0950712.83W	Y	FB	TF	089.00	6.63	AT/BELOW 4000			
DWSUN	295620.08N/0950712.83W	Y	-	IF	-	-	AT/BELOW 4000			
GUMBY	295622.26N/0950438.09W	Y	FB	TF	089.06	2.24	AT/BELOW 5000			
GUMBY	295622.26N/0950438.09W	Y	-	IF	-	-	AT/BELOW 5000		GUMBY3.GUSTI	
JAAYE	295144.00N/0941918.00W	Y	FB	TF	096.51	39.67				
SPINY	295113.29N/0940240.80W	Y	FB	TF	091.95	14.46				
GUSTI	295815.34N/0925435.29W	Y	FB	TF	082.95	59.59				

QUALITY

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CHECKED

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17
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GUMBY	THREE	GUMBY3.GUMBY	TWO	4/30/2015	10 DEC 2015

FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS
GUMBY	295622.26N/0950438.09W	Y	-	IF	-	-	AT/BELOW 5000		GUMBY3.LCH
HOURN	295945.76N/0941816.28W	Y	FB	TF	085.00	40.41			
BLING	300150.16N/0940105.75W	Y	FB	TF	082.03	15.05			
LCH VORTAC	300829.45N/0930620.05W	Y	FB	TF	081.82	47.97			
GUMBY	295622.26N/0950438.09W	Y	-	IF	-	-	AT/BELOW 5000		GUMBY3.LLA
YOKEM	294315.00N/0942033.00W	Y	FB	TF	108.66	40.52			
SBI VOR/DME	294112.19N/0940216.72W	Y	FB	TF	097.24	16.04			
LLA VOR/DME	293947.61N/0922225.11W	Y	FB	TF	090.51	87.00			

QUALITY
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