

RNAV - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.33				Bearings, headings, courses, and radials are magnetic. Elevations and altitudes are in feet, MSL, except HAT, HAA, TCH, and RA. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.											
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	LPV: DA LNAV/VNAV: DA LNAV: RW08R CLIMB TO 3000 DIRECT MKAYE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 267.17 INBOUND. FAS OBST: 315 AAO 300006N/0952700W DISTANCE TO THLD FROM 200 HATH: 0.46 NM. CHART VDP AT 1.30 MILES TO RW08R* *LNAV ONLY. WAAS CHANNEL # 53626 REFERENCE PATH ID: W08B CHART LOC RWY 8L AND RWY 9. LTP HAE: 1.6 M											
WDLNS (IAF)	POLLN (FB)	031.27 / 7.94	7000												
POLLN	DPLOY (FB)	066.98 / 2.50	7000												
TTORO (IAF)	BGBUK (FB)	159.18 / 7.20	7000												
BGBUK	LASSY (FB)	122.73 / 3.23	7000												
LASSY	DPLOY (FB)	086.69 / 5.00	7000												
LASSY (IAF)	DPLOY (FB)	086.69 / 5.00	7000												
DPLOY (SEE FORM 8260-10)	JELLI (FB)	086.73 / 4.24	5000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT DPLOY 3. FAC: <u>086.88</u> FAF: <u>MATON</u> DIST FAF TO MAP: <u>5.81</u> THLD: <u>5.81</u> 4. MIN. ALT: <u>DPLOY 7000, JELLI 5000, REIGN 4000, EELPO 3000, MATON 2000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>2000</u> GS ALT AT: <u>MATON 2000</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>54.8</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW08R 3100</u>				MAG VAR: 3E EPOCH YEAR: 2015											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A											
CATEGORY =====>	A			B			C			D			E		
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	295	2400	200	295	2400	200	295	2400	200	295	2400	200	295	2400	200
LNAV/VNAV DA	420	3200	325	420	3200	325	420	3200	325	420	3200	325	420	3200	325
LNAV MDA	580	2400	485	580	2400	485	580	5000	485	580	5000	485	580	5000	485
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -3C (27F) OR ABOVE 54C (130F). CHART NOTE: FOR INOPERATIVE MALSR, INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV ALL CATS VISIBILITY TO RVR 6000, AND LNAV CAT C/D/E VISIBILITY TO 1 3/8. CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8L AND RWY 9. (SEE FORM 8260-10)															
CITY AND STATE HOUSTON, TX				ELEVATION: 96 THRE: 95 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON				FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Z RWY 8R, AMDT 4 29 MAY 2014				SUP: AMDT: 3 DATED 05/31/2012	

QUALITY
 6
 CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
JELLI (IF)	REIGN (FB)	086.78 / 3.77	4000
REIGN	EELPO (FB)	086.81 / 3.92	3000
EELPO	MATON (FB)	086.85 / 3.61	2000
MATON (FAF)	RW08R (MAP) (FO)	086.88 / 5.81	
RW08R (MAP)	295 MSL	086.88	
295 MSL	MKAYE (FO)		3000

NOTES, (CONT.):

CHART NOTE: DME/DME RNP-0.3 NA.

CHART PLANVIEW NOTE AT WDLNS : MAX 210 KIAS.

CHART PLANVIEW NOTE AT LASSY : MAX 210 KIAS.

CHART PLANVIEW NOTE AT TTORO : MAX 210 KIAS.

CHART PLANVIEW NOTE: RADAR REQUIRED.

CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.

CHART NOTE: USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE REQUIRED DURING SIMULTANEOUS OPERATIONS.

CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.

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CITY AND STATE

HOUSTON, TX

ELEVATION: 96

THRE: 95

AIRPORT NAME:

GEORGE BUSH INTERCONTINENTAL/HOUSTON

**FACILITY
IDENTIFIER:**
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:

RNAV (GPS) Z RWY 8R, AMDT 4
29 MAY 2014

SUP:

AMDT: 3

DATED: 05/31/2012

**RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33**

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FAS DATA BLOCK INFORMATION**DATA FIELD**

OPERATION TYPE
SBAS SERVICE PROVIDER IDENTIFIER
AIRPORT IDENTIFIER
RUNWAY
APPROACH PERFORMANCE DESIGNATOR
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR
REFERENCE PATH IDENTIFIER (APPROACH ID)
LTP/FTP LATITUDE
LTP/FTP LONGITUDE
LTP/FTP ELLIPSOIDAL HEIGHT
FPAP LATITUDE
FPAP LONGITUDE
THRESHOLD CROSSING HEIGHT (TCH)
TCH UNITS SELECTOR (METERS OR FEET USED)
GLIDEPATH ANGLE (GPA)
COURSE WIDTH AT THRESHOLD
LENGTH OFFSET
HORIZONTAL ALERT LIMIT (HAL)
VERTICAL ALERT LIMIT (VAL)

DATA

0
0
KIAH
RW08R
0
Z
0
W08B
295936.3010N
0952117.8720W
+00016
295936.3800N
0951930.9550W
00054.8
F
03.00
106.75
0000
40.0
35.0

CRC REMAINDER

E0287E58

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE
LTP ORTHOMETRIC HEIGHT
FPAP ORTHOMETRIC HEIGHT

K4
+00290
+00290

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CITY AND STATE

HOUSTON, TX

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KIAHK4FR08RZ	ALASSY	010LASSYK4EA0E	A	IF						18000210		A-JS	
SUSAP KIAHK4FR08RZ	ALASSY	020DPLOYK4EA0E		010TF		08670050		+ 07000				A JS	
SUSAP KIAHK4FR08RZ	ALASSY	030JELLIK4EA0EE	B	010TF		08670042		+ 05000				A JS	
SUSAP KIAHK4FR08RZ	ATTORO	010TTOROK4EA0E	A	IF						18000210		A-JS	
SUSAP KIAHK4FR08RZ	ATTORO	020BGBUKK4EA0E		010TF		15920072		+ 07000				A JS	
SUSAP KIAHK4FR08RZ	ATTORO	030LASSYK4EA0E		010TF		12270032		+ 07000				A JS	
SUSAP KIAHK4FR08RZ	ATTORO	040DPLOYK4EA0E		010TF		08670050		+ 07000				A JS	
SUSAP KIAHK4FR08RZ	ATTORO	050JELLIK4EA0EE	B	010TF		08670042		+ 05000				A JS	
SUSAP KIAHK4FR08RZ	AWDLNS	010WDLNSK4EA0E	A	IF						18000210		A-JS	
SUSAP KIAHK4FR08RZ	AWDLNS	020POLLNK4EA0E		010TF		03130079		+ 07000				A JS	
SUSAP KIAHK4FR08RZ	AWDLNS	030DPLOYK4EA0E		010TF		06700025		+ 07000				A JS	
SUSAP KIAHK4FR08RZ	AWDLNS	040JELLIK4EA0EE	B	010TF		08670042		+ 05000				A JS	
SUSAP KIAHK4FR08RZ	R	010JELLIK4EA0E	I	IF						18000		A JS	
SUSAP KIAHK4FR08RZ	R	011REIGNK4EA0E	S	051TF		08680038		+ 04000				A JS	
SUSAP KIAHK4FR08RZ	R	012EELPOK4EA0E	S	051TF		08680039		+ 03000				A JS	
SUSAP KIAHK4FR08RZ	R	020MATONK4EA1E	F	051TF		08690036		+ 02000			RW08R K4PGA	JS	
SUSAP KIAHK4FR08RZ	R	020MATONK4EA2WALPV			ALNAV/VNAV	ALNAV						JS	
SUSAP KIAHK4FR08RZ	R	030RW08RK4PG0GY	M	031TF		08690058		00150		-300		A JS	
SUSAP KIAHK4FR08RZ	R	040		0 M	CA	0869		+ 00295				A JS	
SUSAP KIAHK4FR08RZ	R	050MKAYEK4EA0EY		DF				+ 03000				A JS	
SUSAP KIAHK4FR08RZ	R	060MKAYEK4EA0EE	R	HM		26720070		+ 03000				A JS	

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	AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON				AMDT: 3
					DATED: 05/31/2012

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RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	LASSY	LASSY	010	IAF	IF		FB					AB 210
	LASSY	DPLOY	020		TF		FB	1.0	086.7 (089.7T)	005.0	AA 07000	
	LASSY	JELLI	030		TF		FB	1.0	086.7 (089.7T)	004.2	AA 05000	
	TTORO	TTORO	010	IAF	IF		FB					AB 210
	TTORO	BGBUK	020		TF		FB	1.0	159.2 (162.2T)	007.2	AA 07000	
	TTORO	LASSY	030		TF		FB	1.0	122.7 (125.7T)	003.2	AA 07000	
	TTORO	DPLOY	040		TF		FB	1.0	086.7 (089.7T)	005.0	AA 07000	
	TTORO	JELLI	050		TF		FB	1.0	086.7 (089.7T)	004.2	AA 05000	
	WDLNS	WDLNS	010	IAF	IF		FB					AB 210
	WDLNS	POLLN	020		TF		FB	1.0	031.3 (034.3T)	007.9	AA 07000	
	WDLNS	DPLOY	030		TF		FB	1.0	067.0 (070.0T)	002.5	AA 07000	
	WDLNS	JELLI	040		TF		FB	1.0	086.7 (089.7T)	004.2	AA 05000	
		JELLI	010	FACF	IF		FB				AA 05000	
		REIGN	011	SDF	TF		FB	0.5	086.8 (089.8T)	003.8	AA 04000	
		EELPO	012	SDF	TF		FB	0.5	086.8 (089.8T)	003.9	AA 03000	
		MATON	020	FAF	TF		FB	0.5	086.9 (089.9T)	003.6	AA 02000	
		RW08R	030	MAP	TF		FO	0.3	086.9 (089.9T)	005.8	AT 00150	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		086.9 (089.9T)		AA 00295	
	MKAYE	050		DF		FO				AA 03000	
	MKAYE	060		HM	R	FO		267.2 (270.2T)	007.0	AA 03000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BGBUK	N300124.71	W0955439.82	N3001.412	W09554.664
	DPLOY	N295932.66	W0954553.04	N2959.544	W09545.884
	EELPO	N295935.26	W0953208.75	N2959.588	W09532.146
	JELLI	N295933.75	W0954100.03	N2959.563	W09541.001
	LASSY	N295931.14	W0955138.51	N2959.519	W09551.642
	MATON	N295935.76	W0952759.31	N2959.596	W09527.989
	MKAYE	N295934.98	W0945455.07	N2959.583	W09454.918
	POLLN	N295841.21	W0954835.34	N2958.687	W09548.589
	REIGN	N295934.56	W0953639.71	N2959.576	W09536.662
	TTORO	N300817.10	W0955712.19	N3008.285	W09557.203
	WDLNS	N295206.91	W0955344.04	N2952.115	W09553.734
	RW08R	N295936.30	W0952117.87	N2959.605	W09521.298

RUNWAY DATA	THRESHOLD
RWY	ELEVATION TCH

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	AIRPORT NAME:	GEORGE BUSH	RNAV	RNAV (GPS) Z RWY 8R, AMDT 4	AMDT: 3
	INTERCONTINENTAL/HOUSTON	29 MAY 2014		DATED: 05/31/2012	

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RW08R 00095 55

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					DATED: 05/31/2012