

ILS - STANDARD INSTRUMENT APPROACH PROCEDURE TITLE 14 CFR PART 97.29				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.											
US DEPARTMENT OF TRANSPORTATION FEDERAL AVIATION ADMINISTRATION															
TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE	ILS: DA LOC: 5.81 MILES AFTER JACEN/I-BZU 7.47 DME OR AT I-BZU 1.66 DME FIX CLIMB TO 600 THEN CLIMBING LEFT TURN TO 4000 ON IAH VORTAC R-019 TO CLEEP INT/IAH 22.13 DME AND HOLD, OR AS DIRECTED BY ATC. ALTERNATE MA: CLIMB TO 600 THEN CLIMBING LEFT TURN TO 3100 ON HUB VOR/DME R-003 TO CLEEP INT/HUB 38.61 DME AND HOLD. ADDITIONAL FLIGHT DATA: HOLD N, RT, 199.13 INBOUND. CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N CLEEP INT/HUB 38.61 DME, RT, 183.13 INBOUND. FAS OBST: 325 AAO 300046N/0952626W CHART: 636 TOWER 295934N/0952824W CHART VDP AT 3.07 DME* DISTANCE VDP TO THLD 1.41 MILES. *LOC ONLY. CHART MANDATORY 3000 AT LIMEE. CHART MANDATORY 6000 AT GUSHR.											
GUSHR (IAF)	BEPEA (FB)	171.24 / 7.96	4000												
BEPEA	LIMEE (FB)	171.36 / 2.97	3000												
LIMEE	KABBY (FB)	123.01 / 3.57	3000												
MAAKO INT/I-BZU 27.80 DME (IAF)	KABBY INT/I-BZU 22.81 DME	086.94 / 4.99 (I-BZU)	3000												
KABBY INT/I-BZU 22.81 DME	KICKM INT/I-BZU 18.57 DME	086.94 / 4.24 (I-BZU)	3000												
KICKM INT/I-BZU 18.57 DME (IF)	FLIBZ/I-BZU 10.73 DME/RADAR	086.94 / 7.84 (I-BZU)	3000												
FLIBZ/I-BZU 10.73 DME/RADAR	JACEN/I-BZU 7.47 DME/RADAR	086.94 / 3.27 (I-BZU)	2000												
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF) 2. PROFILE STARTS AT KABBY INT/I-BZU 22.81 DME 3. FAC: 086.94 FAF: JACEN/I-BZU 7.47 DME/RADAR DIST FAF TO MAP: 5.81 THLD: 5.81 4. MIN. ALT: KABBY 3000, KICKM 3000, FLIBZ 3000, JACEN 2000 5. DIST TO THLD FROM OM: _____ MM: _____ IM: 810 150 HAT: _____ 100 HAT: 782 GS ANT: 1139 6. MIN GS INCPT: 2000 GS ALT AT: JACEN 2000 OM: _____ MM: _____ IM: 193 7. GS ANGLE: 3.00 TCH: 59.0 8. MSA FROM: IAH VORTAC 015-230 3100, 230-015 2400				MAG VAR: 3E EPOCH YEAR: 2010											
MINIMUMS															
TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT				ALTERNATE: N A		ILS: STANDARD		LOC: STANDARD							
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
S-ILS 08L	295	1800	200	295	1800	200	295	1800	200	295	1800	200	295	1800	200
S-LOC 08L	600	2400	505	600	2400	505	600	5500	505	600	5500	505	600	5500	505
NOTES: CATEGORY II ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 8L: CAT A, B, C, D, RA 104, RVR 1200, HAT 100, DA 195 MSL. CATEGORY III ILS SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED. S-ILS- 8L: CAT IIIa CAT A,B,C,D, RVR 700. CAT IIIb CAT A,B,C,D, RVR 600. CAT IIIc NA. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 96 TDZE: 95		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HOUSTON, TX		AIRPORT NAME:		I-BZU		ILS OR LOC RWY 8L, AMDT 4B ILS RWY 8L (CAT II) , ILS RWY 8L (CAT III) ILS RWY 8L (SA CAT I) 5 MARCH 2015				AMDT: 4A					
		GEORGE BUSH INTERCONTINENTAL/HOUSTON								DATED 07/24/2014					



**ILS - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.29**

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NOTES, (CONT.):

CHART NOTE: FOR INOPERATIVE ALSF, INCREASE S-ILS 8L CAT E VISIBILITY TO RVR 4000 AND S-LOC 8L CAT C/D/E VISIBILITY TO 1 3/8 MILE.

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8R AND RWY 9.

SA CAT I ILS: SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED S-ILS 8L: CAT A, B, C, D RA 156, RVR 1400, HAT 150, DA 245 MSL.

SA CAT 1 CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DA.

CAT II CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.

CHART PLANVIEW NOTE: GPS OR RADAR REQUIRED

CHART PLANVIEW NOTE AT GUSHR: MAX 210 KIAS.


QUALITY
9
CHECKED

CITY AND STATE HOUSTON, TX	ELEVATION: 96 TDZE: 95 AIRPORT NAME: GEORGE BUSH INTERCONTINENTAL/HOUSTON	FACILITY IDENTIFIER: I-BZU	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: ILS OR LOC RWY 8L, AMDT 4B ILS RWY 8L (CAT II), ILS RWY 8L (CAT III) ILS RWY 8L (SA CAT I) 5 MARCH 2015	SUP:
				AMDT: 4A
				DATED: 07/24/2014

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ILS STANDARD INSTRUMENT APPROACH PROCEDURE													
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.29													
ARINC SUMMARY - 424-18 - ILS													
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED	
	GUSHR	GUSHR	010	IAF	IF		FB				AT 06000	AB 210	
	GUSHR	BEPEA	020		TF		FB				AA 04000		
	GUSHR	LIMEE	030		TF		FB				AT 03000		
	GUSHR	KABBY	040		TF		FB				AA 03000		
	GUSHR	KICKM	050		TF		FB				AA 03000		
	GUSHR	FLIBZ	060		CF		FB		086.9 ()	007.8	AA 03000		
	MAAKO	MAAKO	010	IAF	IF		FB						
	MAAKO	KABBY	020		TF		FB				AA 03000		
	MAAKO	KICKM	030		TF		FB				AA 03000		
	MAAKO	FLIBZ	040		CF		FB		086.9 ()	007.8	AA 03000		
		FLIBZ	010	FACF	IF		FB				AA 03000	GI 02000	
		JACEN	020	FAF	CF		FB		087.0 ()	003.3	GI 02000	GS 02000	
		RW08L	030	MAP	CF		FO		087.0 ()	005.8	AT 00150		
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED	
			040		CA		FB		086.9 ()		AA 00600		
		CLEEP	050		CF		FO		019.1 ()	020.0	AA 04000		
		CLEEP	060		HM	R	FO		199.1 ()	T01.0	AA 04000		
POINT DATA	WAYPOINT	LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS					
	IAH	N295724.90		W0952044.59		N2957.415		W09520.743					
	IBZU (DME)	N300029.73		W0951936.90		N3000.496		W09519.615					
	CLEEP	N301738.95		W0951017.61		N3017.649		W09510.294					
	BEPEA	N300526.35		W0954932.93		N3005.439		W09549.549					
	FLIBZ	N300024.77		W0953158.72		N3000.413		W09531.979					
	GUSHR	N301322.44		W0955028.14		N3013.374		W09550.469					
	JACEN	N300025.24		W0952813.04		N3000.421		W09528.217					
	KABBY	N300022.19		W0954553.21		N3000.370		W09545.887					
	KICKM	N300023.27		W0954100.25		N3000.388		W09541.004					
	LIMEE	N300228.43		W0954912.73		N3002.474		W09549.212					
	MAAKO	N300020.69		W0955138.03		N3000.345		W09551.634					
	RW08L	N300025.78		W0952131.65		N3000.430		W09521.528					
	IBZU (LOC)	N300025.87		W0951936.97		N3000.431		W09519.616					
RUNWAY DATA		THRESHOLD											
	RWY	ELEVATION		TCH									
	RW08L	00091		55									
CITY AND STATE HOUSTON, TX		ELEVATION: 96		TDZE: 95		FACILITY IDENTIFIER:		PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:			SUP:		
		AIRPORT NAME:				I-BZU		ILS OR LOC RWY 8L, AMDT 4B			AMDT: 4A		
		GEORGE BUSH							ILS RWY 8L (CAT II), ILS RWY 8L (CAT III)			DATED: 07/24/2014	
		INTERCONTINENTAL/HOUSTON							ILS RWY 8L (SA CAT I) 5 MARCH 2015				



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LOC STANDARD INSTRUMENT APPROACH PROCEDURE												
FLIGHT STANDARDS SERVICES - TITLE 14 CFR PART 97.25												
ARINC SUMMARY - 424-18 - LOC												
ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	GUSHR	GUSHR	010	IAF	IF		FB				AT 06000	AB 210
	GUSHR	BEPEA	020		TF		FB				AA 04000	
	GUSHR	LIMEE	030		TF		FB				AT 03000	
	GUSHR	KABBY	040		TF		FB				AA 03000	
	GUSHR	KICKM	050		TF		FB				AA 03000	
	GUSHR	FLIBZ	060		CF		FB		086.9 ()	007.8	AA 03000	
	MAAKO	MAAKO	010	IAF	IF		FB					
	MAAKO	KABBY	020		TF		FB				AA 03000	
	MAAKO	KICKM	030		TF		FB				AA 03000	
	MAAKO	FLIBZ	040		CF		FB		086.9 ()	007.8	AA 03000	
		FLIBZ	010	FACF	IF		FB				AA 03000	
		JACEN	020	FAF	CF		FB		087.0 ()	003.3	AA 02000	
		RW08L	030	MAP	CF		FO		087.0 ()	005.8	AT 00150	
MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
			040		CA		FB		086.9 ()		AA 00600	
		CLEEP	050		CF		FO		019.1 ()	020.0	AA 04000	
		CLEEP	060		HM	R	FO		199.1 ()	T01.0	AA 04000	
POINT DATA		WAYPOINT		LAT IN SECS		LONG IN SECS		LAT IN MINS		LONG IN MINS		
		IAH		N295724.90		W0952044.59		N2957.415		W09520.743		
		IBZU (DME)		N300029.73		W0951936.90		N3000.496		W09519.615		
		CLEEP		N301738.95		W0951017.61		N3017.649		W09510.294		
		BEPEA		N300526.35		W0954932.93		N3005.439		W09549.549		
		FLIBZ		N300024.77		W0953158.72		N3000.413		W09531.979		
		GUSHR		N301322.44		W0955028.14		N3013.374		W09550.469		
		JACEN		N300025.24		W0952813.04		N3000.421		W09528.217		
		KABBY		N300022.19		W0954553.21		N3000.370		W09545.887		
		KICKM		N300023.27		W0954100.25		N3000.388		W09541.004		
		LIMEE		N300228.43		W0954912.73		N3002.474		W09549.212		
		MAAKO		N300020.69		W0955138.03		N3000.345		W09551.634		
		RW08L		N300025.78		W0952131.65		N3000.430		W09521.528		
		IBZU (LOC)		N300025.87		W0951936.97		N3000.431		W09519.616		
RUNWAY DATA		RWY	THRESHOLD ELEVATION	TCH								
		RW08L	00091	55								



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	AIRPORT NAME:		I-BZU	ILS OR LOC RWY 8L, AMDT 4B	AMDT: 4A
	GEORGE BUSH INTERCONTINENTAL/HOUSTON			ILS RWY 8L (CAT II), ILS RWY 8L (CAT III) ILS RWY 8L (SA CAT I) 5 MARCH 2015	DATED: 07/24/2014