

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
ILS STANDARD INSTRUMENT APPROACH PROCEDURE

TITLE 14 CFR PART 97.29

Bearings, headings, courses, tracks 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 feet RVR.

<u>AIRPORT</u> GEORGE BUSH INTERCONTINENTAL/HOUSTON	<u>AIRPORT ID</u> KIAH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 8L ILS RWY 8L SA CAT I, ILS RWY 8L CAT II, ILS RWY 8L CAT III	<u>ORIGINAL/AMENDMENT</u> 4E	<u>CITY</u> HOUSTON	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 94	<u>SUPERSEDED</u> ILS OR LOC RWY 8L ILS RWY 8L SA CAT I, ILS RWY 8L CAT II, ILS RWY 8L CAT III	<u>ORIGINAL/AMENDMENT</u> 4D	<u>DATED</u> 04/25/2019	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-BZU	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 20 JUNE 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
GUSHR	IAF	BEPEA		TF	FB	1.00	171.24	7.96	4000
BEPEA		LIMEE		TF	FB	1.00	171.36	2.97	3000
LIMEE		KABBY		TF	FB	1.00	123.01	3.57	3000
MAAKO INT/I-BZU 25.96 DME	IAF	KABBY/I-BZU 20.97 DME					086.94	4.99 (I-BZU)	3000
KABBY/I-BZU 20.97 DME		KICKM/I-BZU 16.73 DME					086.94	4.24 (I-BZU)	3000
KICKM/I-BZU 16.73 DME	IF	FLIBZ/I-BZU 8.90 DME/RADAR					086.94	7.84 (I-BZU)	3000
FLIBZ/I-BZU 8.90 DME/RADAR		JACEN/I-BZU 5.63 DME/RADAR					086.94	3.27 (I-BZU)	2000

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.81 NM AFTER JACEN/I-BZU 5.63 DME/RADAR OR AT I-BZU 0.19 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING LEFT TURN TO 4000 ON IAH VORTAC R-019 TO CLEEP INT/IAH 22.13 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. PROFILE STARTS AT KABBY
3. FAC: 086.94 FAF: JACEN/I-BZU 5.63 DME/RADAR DIST FAF TO MAP: 5.81 DIST FAF TO THLD: 5.81
4. MIN ALT: KABBY/I-BZU 20.97 DME 3000, KICKM/I-BZU 16.73 DME 3000, FLIBZ/I-BZU 8.90 DME/RADAR 3000, JACEN/I-BZU 5.63 DME/RADAR 2000
5. DIST TO THLD FROM OM: MM: IM: 810 100 HAT: 782 150 HAT: 1737 GS ANT: 1140
6. MIN GS INCPT: 2000 GS ALT AT FAF : JACEN/I-BZU 5.63 DME/RADAR 2000 OM: MM: IM: 193
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 59.0
8. MSA FROM: IAH VORTAC 015-230 3100, 230-015 2400

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
FROM GUSHR: RNAV 1-GPS REQUIRED.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 8L: CAT A, B, C, D RA 158, RVR 1400, HAT 150, DA 244 MSL.
CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 8L: CAT A, B, C, D RA 108, RVR 1200, HAT 100, DA 194 MSL.
CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 8L: CAT A, B, C, D RVR 600
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8R AND RWY 9.
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.
CAT II RVR 1000 CHART NOTE: RVR 1000 AUTHORIZED WITH SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.
CHART SPEED ICON IN PLANVIEW AT GUSHR: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE VIEW: I-BZU DME ANTENNA..
CHART MANDATORY 6000 AT GUSHR.
CHART MANDATORY 3000 AT LIMEE.
CHART VDP AT 1.23 DME*
DISTANCE VDP TO THLD 1.41 NM
* LOC ONLY
FAS OBST: 325 AAO 300046N/0952626W.
CHART: 636 TOWER 295934N/0952824W.
HOLD N, RT, 199.13 INBOUND

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD

CATEGORY:	A			B			C			D			E		
FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA
S-ILS 08L	294	1800	200	294	1800	200	294	1800	200	294	1800	200	294	1800	200
S-LOC 08L	600	2400	506	600	2400	506	600	5500	506	600	5500	506	600	5500	506



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GEORGE BUSH INTERCONTINENTAL/HOUSTON	KIAH	ILS OR LOC RWY 8L ILS RWY 8L SA CAT I, ILS RWY 8L CAT II, ILS RWY 8L CAT III	4E	HOUSTON	TX

CHANGES - REASONS

- ADDED BACK IN ADDITIONAL FLIGHT DATA; CHART MANDATORY 3000 AT LIMEE - ATC REQUIREMENT.
- INCORPORATED 7/7288 NOTAM; UPDATED CAT III RVR FROM 700 TO 600 - PUBLISH LOWEST RVR IAW 8260.19H 8-6-11M(5).

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HA1** ☐ **NBAA** ☒ **OTHER:** ZHU, IAH APP CON, IAH TOWER, AMGR, ATA

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

DEVELOPED BY *Digitally signed by*
HEIDI SNIDER **HEIDI SNIDER**
Apr 30, 2019

Digitally signed by
CASIMIR L TABAKA
May 02, 2019

OFFICE
AJV-A422

DATE
04/30/2019

APPROVED BY
MARLON ROBINSON

Digitally signed by
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May 02, 2019

OFFICE
AJV-A420

DATE

TITLE
MANAGER

