

**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 8R ILS RWY 8R SA CAT I, ILS RWY 8R SA CAT II	<u>ORIGINAL/AMENDMENT</u> 26	<u>CITY</u> HOUSTON	<u>STATE</u> TX	
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 95	<u>SUPERSEDED</u> ILS OR LOC RWY 8R ILS RWY 8R SA CAT II	<u>ORIGINAL/AMENDMENT</u> 25B	<u>DATED</u> 07/21/2016	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> I-IAH	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 OCTOBER 2018	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL SUSPEND</u>		

**TERMINAL ROUTES**

<b><u>FROM</u></b>	<b><u>FIX TYPE</u></b>	<b><u>TO</u></b>	<b><u>FIX TYPE</u></b>	<b><u>LEG TYPE</u></b>	<b><u>FO/FB</u></b>	<b><u>RNP</u></b>	<b><u>COURSE</u></b>	<b><u>DISTANCE</u></b>	<b><u>ALTITUDE</u></b>
WDLNS	IAF	POLLN		TF	FB	1.00	031.27	7.94	7000
POLLN		DPLOY		TF	FB	1.00	066.98	2.50	7000
TTORO	IAF	BGBUK		TF	FB	1.00	159.18	7.20	7000
BGBUK		LASSY		TF	FB	1.00	122.73	3.23	7000
LASSY/I-IAH 26.16 DME	IAF	DPLOY/I-IAH 21.16 DME					086.94	5.00 (I-IAH)	7000
DPLOY/I-IAH 21.16 DME		JELLI/I-IAH 16.91 DME					086.94	4.24 (I-IAH)	5000
JELLI/I-IAH 16.91 DME	IF	REIGN/I-IAH 13.15 DME					086.94	3.77 (I-IAH)	4000
REIGN/I-IAH 13.15 DME		EELPO/I-IAH 9.23 DME					086.94	3.92 (I-IAH)	3000
EELPO/I-IAH 9.23 DME		MATON/I-IAH 5.62 DME					086.94	3.61 (I-IAH)	2000

**MISSED APPROACH**

**MAP:**

ILS: DA  
 LOC: I-IAH 0.20 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 3000 ON HEADING 087 AND ON DAS VORTAC R-242 TO DAS VORTAC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. PROFILE STARTS AT LASSY
3. FAC:

086.94

FAF: MATON/I-IAH 5.62 DME

DIST FAF TO MAP:

DIST FAF TO THLD: 5.81
4. MIN ALT:

LASSY/I-IAH 26.16 DME 7000, DPLOY/I-IAH 21.16 DME 7000, JELLI/I-IAH 16.91 DME 5000, REIGN/I-IAH 13.15 DME 4000, EELPO/I-IAH 9.23 DME 3000, MATON/I-IAH 5.62 DME 2000, SAKCO/I-IAH 2.31 DME 940\*
5. DIST TO THLD FROM OM:

MM:

IM:

100 HAT: 878.00

150 HAT: 1831.00

GS ANT: 1040
6. MIN GS INCPT:

2000

GS ALT AT FAF : MATON/I-IAH 5.62 DME 2000

OM:

MM:

IM:
7. GP ANGLE:

3.00

34:1:

20:1:

TCH: 54.7
8. MSA FROM: IAH VORTAC 015-230 3100, 230-015 2400

EQUIPMENT REQUIREMENTS NOTE:

RNAV 1- GPS OR RADAR REQUIRED FOR PROCEDURE ENTRY, DME.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 8R: CAT A, B, C, D RA 152, RVR 1400, HAT 150, DA 245 MSL.  
SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 8R: CAT A, B, C, D RA 102, RVR 1200, HAT 100, DA 195 MSL.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH.  
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 8R CAT C/D/E VISIBILITY TO 1 3/8 SM.  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 8R CAT E VISIBILITY TO RVR 4000.  
CHART SPEED ICON IN PLANVIEW AT LASSY: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT TTORO: MAX 210 KIAS.  
CHART SPEED ICON IN PLANVIEW AT WDLNS: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART IN PROFILE: I-IAH DME ANTENNA  
CHART MANDATORY 8000 AT TTOTO  
CHART MANDATORY 7000 AT WDLNS  
CHART VDP AT 1.04 DME\*  
DISTANCE VDP TO THLD 1.23 NM  
\* LOC ONLY  
CHART 252 POLE 295937N/0952346W.  
HOLD SW, LT, 061.59 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 08R	295	1800	200	295	1800	200	295	1800	200	295	1800	200			
S-LOC 08R	560	2400	465	560	2400	465	560	5000	465	560	5000	465			



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GEORGE BUSH INTERCONTINENTAL/HOUSTON	KIAH	ILS OR LOC RWY 8R ILS RWY 8R SA CAT I, ILS RWY 8R SA CAT II	26	HOUSTON	TX

**CHANGES - REASONS**

1. CHANGED NOTE GPS OR RADAR REQUIRED FROM/TO RNAV 1- GPS OR REQUIRED FOR PROCEDURE ENTRY, DME- IAW 8260.19G PARA 8-6-8A(6)(A)
2. CHANGED CHART NOTE SIMULTANEOUS APPROACH AUTHORIZED WITH RWY 8L AND RWY 9 TO SIMULTANEOUS APPROACH AUTHORIZED - IAW 8260.19H PARA 8-6-11O(8)
3. CHANGED NOTE ADF REQUIRED TO DME REQUIRED - HUB VOR/DME DECOMMISSION.
4. ADDED CHART NOTE FOR INOPERATIVE ALS, INCREASE S-LOC-8R CAT C/D/E VISIBILITY TO 1 3/8 SM AND S-ILS 8R CAT E VISIBILITY TO RVR 4000 - IAW 8260.19H PARA 8-6-11O(3)(D)
5. REMOVED S-LOC 8R DME FIX MINIMUMS - PROCEDURE IS DME REQUIRED, STEPDOWN FIX IS ALWAYS RECEIVED.
6. RAISED S-LOC 8R MDA FROM 500 TO 560 AND CATS C/D/E VISIBILITY FROM 4000 TO 5000 - NEW CONTROLLING OBSTACLE 237 TOWER TO 252 POLE.
7. CHANGED PRIMARY MISSED APPROACH TO CLIMB TO 3000 ON HEADING 087 AND ON DAS VORTAC R-242 TO DAS VORTAC AND HOLD, REMOVED ALTERNATE MISSED APPROACH- NIXIN NDB DECOMMISSION, RNAV SUBSTITUTION PER NOTAM WILL REPLACE.
8. ADDED NOTE SA CAT I CHART NOTE: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF HUD TO DH - IAW 8260.19H PARA 8-6-11M(1)
9. LOC MAP CHANGED FROM 5.81 NM AFTER MATON/I-IAH 5.61 DME OR AT I-IAH 0.20 DME TO LOC: I-IAH 0.20 DME - DME REQUIRED, TIMING FOR THE MISSED IS NO LONGER REQUIRED.
10. PROFILE START CHANGED FROM DPLOY TO LASSY - LASSY IS THE IAF FOR THE ILS/LOC.



**COORDINATED WITH:**

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

**FLIGHT CHECKED BY**

ZACK SMYER

*Digitally signed by*  
**DEZ SILAGYI**  
Aug 20, 2018

**OFFICE**

FICO

**DATE**

7/12/18

**DEVELOPED BY**

ROSE BOONE

*Digitally signed by*  
**ROSE BOONE**  
Jun 05, 2018

**OFFICE**

AJV-5421

**DATE**

04/23/2018

**APPROVED BY**

JULIE MORGAN

*Digitally signed by*  
**DEZ SILAGYI**  
Aug 20, 2018

**OFFICE**

AJV-5420

**DATE**

**TITLE**

MANAGER

