

**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.

<b><u>AIRPORT</u></b> GEORGE BUSH INTERCONTINENTAL/HOUSTON	<b><u>AIRPORT ID</u></b> KIAH	<b><u>PROCEDURE NAME</u></b> ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	<b><u>ORIGINAL/AMENDMENT</u></b> 11B	<b><u>CITY</u></b> HOUSTON	<b><u>STATE</u></b> TX
<b><u>AIRPORT ELEVATION</u></b> 96	<b><u>TDZE</u></b> 86	<b><u>SUPERSEDED</u></b> ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	<b><u>ORIGINAL/AMENDMENT</u></b> 11A	<b><u>DATED</u></b> 04/25/2019	<b><u>MAG VAR</u></b> 3E
<b><u>FACILITY</u></b> I-GHI	<b><u>COORDINATES OF FACILITIES</u></b>	<b><u>ACTUAL EFFECTIVE DATE</u></b>	<b><u>REQUIRED EFFECTIVE DATE</u></b> ROUTINE	<b><u>CANCEL/SUSPEND</u></b>	<b><u>EPOCH YEAR</u></b> 2010

**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>
RDFSH	IAF	GEYGR		TF	FB	1.00	312.89	7.00	4000
GEYGR		SYYKO		TF	FB	1.00	314.47	4.00	3000
SYYKO		TRANN INT		TF	FB	1.00	287.02	3.00	3000
CLSIK	IAF	GRUNG		TF	FB	1.00	245.63	4.11	4000
GRUNG		SILLS		TF	FB	1.00	267.24	6.21	4000
SILLS/I-GHI 27.00 DME	IAF	TRANN INT/I-GHI 21.96 DME					266.97	5.04 (I-GHI)	3000
TRANN INT/I-GHI 21.96 DME		DENTO/I-GHI 17.73 DME					266.97	4.23 (I-GHI)	2000
DENTO/I-GHI 17.73 DME	IF	FESTA/I-GHI 10.51 DME					266.97	7.22 (I-GHI)	2000
FESTA/I-GHI 10.51 DME		REDOC/I-GHI 6.07 DME					266.97	4.44 (I-GHI)	1500

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: I-GHI 1.80 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 560 THEN CLIMBING LEFT TURN TO 3000 ON IAH VORTAC R-215 TO TICoy/IAH 20.00 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



AIRPORT	AIRPORT ID	PROCEDURE NAME	ORIGINAL/AMENDMENT	CITY	STATE
GEORGE BUSH INTERCONTINENTAL/HOUSTON	KIAH	ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	11B	HOUSTON	TX

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. PROFILE STARTS AT TRANN					
3. FAC:	266.97	FAF: REDOC/I-GHI 6.07 DME	DIST FAF TO MAP:		DIST FAF TO THLD: 4.27
4. MIN ALT:	TRANN INT/I-GHI 21.96 DME 3000, DENTO/I-GHI 17.73 DME 2000, FESTA/I-GHI 10.51 DME 2000, REDOC/I-GHI 6.07 DME 1500				
5. DIST TO THLD FROM OM:	MM:	IM:	100 HAT: 859	150 HAT: 1853	GS ANT: 1035
6. MIN GS INCPT: 1500	GS ALT AT FAF : REDOC/I-GHI 6.07 DME 1500			OM:	MM: IM:
7. GP ANGLE: 3.00	34:1:	20:1:	TCH: 55.0		
8. MSA FROM:	IAH VORTAC 015-230 3100, 230-015 2400				

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED FOR LOC ONLY.  
 FROM CLSIK, RDFSH: RNAV 1-GPS REQUIRED.  
 RNAV 1-GPS AND RADAR REQUIRED FOR PROCEDURE ENTRY.

NOTES:

SA CAT I ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 27: CAT A, B, C, D RA 104, RVR 1400, HAT 150, DA 236 MSL.  
 CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 27: CAT A, B, C, D RA 101, RVR 1200, HAT 100, DA 186 MSL.  
 CAT III ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 27: CAT A, B, C, D RVR 600  
 CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
 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 PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 27 CAT E VISIBILITY TO RVR 4000 AND S-LOC 27 CAT C-E VISIBILITY TO 1 3/8 SM.

CHART SPEED ICON IN PLANVIEW AT RDFSH: MAX 210 KIAS.  
 CHART SPEED ICON IN PLANVIEW AT CLSIK: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

CHART IN PLANVIEW: MANDATORY 4000 AT CLSIK.  
 CHART IN PLANVIEW: MANDATORY 4000 AT GEYGR.  
 CHART IN PLANVIEW: MANDATORY 3000 AT SYYKO.  
 CHART IN PLANVIEW: MANDATORY 6000 AT RDFSH.  
 CHART VDP AT 3.07 DME\*  
 DISTANCE VDP TO THLD 1.27 NM  
 \* LOC ONLY  
 FAS OBST: 294 AAO 295910N/0951352W.  
 HOLD SW, RT, 034.90 INBOUND





FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
GEORGE BUSH INTERCONTINENTAL/HOUST ON	KIAH	ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	11B	HOUSTON	TX	96	I-GHI

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM  
RDFSH

TO  
GEYGR

<u>RNP</u>	<u>DISTANCE</u> 7.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
1.TOWER (48-013650)	295039.36N/0944214.04W	522	50	20	2C	1000				AT2478	4000
2.TERRAIN	295418.00N/0944218.00W	46 (0)								AS1500	1500

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM  
GEYGR

TO  
SYYKO

<u>RNP</u>	<u>DISTANCE</u> 4.00	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
3.TOWER (48-033684)	295801.16N/0944926.21W		297	20	3	1A	1000				AT1703	3000
4.TERRAIN	295845.00N/0945130.00W		60 (100)								AS1500	1600

COMPUTATIONS

ALT      KIAS      KTAS      HAA      VKTW      TR      BA      DTA      COURSE CHANGE      DVEB      VEB OCS      RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM

SYK0

TO

TRANN INT

RNP	DISTANCE	PAT	MAP	HAT			HMAS				
	3.00										
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	300027.00N/0945400.00W	266				1000				AT1734	3000
6.TERRAIN	300027.00N/0945400.00W	66 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM

CLSIK

TO

GRUNG

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>				
	4.11										
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
7.TOWER (48-004308)	300119.00N/0944421.00W	563	50	20	5E	1000				AT2437	4000
8.TERRAIN	300154.00N/0944500.00W	69 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INITIAL: STEPDOWN

FROM  
GRUNG

TO  
SILLS

RNP	DISTANCE 6.21	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.TOWER (48-004308)	300119.00N/0944421.00W		563	50	20	5E	1000				AT2400	4000
8.TERRAIN	300154.00N/0944500.00W		69 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM  
SILLS/I-GHI 27.00 DME

TO  
TRANN INT/I-GHI 21.96 DME

RNP	DISTANCE 5.04	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
10.TOWER (48-003137)	300230.90N/0945216.20W		564	50	20	2C	1000				AT1436	3000
11.TERRAIN	300239.00N/0945454.00W		79 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL: STEPDOWN

FROM

TRANN INT/I-GHI 21.96 DME

TO

DENTO/I-GHI 17.73 DME

RNP	DISTANCE 4.23	PAT	MAP	HAT				HMAS				
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
12.TOWER (48-009580)	295557.72N/0945452.86W		463	50	20		1000				AS537	2000
13.TERRAIN	300239.00N/0945618.00W		83 (100)								AS1500	1600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INTERMEDIATE

FROM

DENTO/I-GHI 17.73 DME

TO

FESTA/I-GHI 10.51 DME

<u>RNP</u>	<u>DISTANCE</u> 7.22	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>			<u>HMAS</u>					
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
14.TOWER (48-001259)	300156.00N/0945938.00W		455	250	50	4D	500				AT1045	2000
15.TERRAIN	295842.00N/0951312.00W		79 (100)								AS1500	1600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

FESTA/I-GHI 10.51 DME

TO

REDOC/I-GHI 6.07 DME

RNP	DISTANCE 4.44	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
16.AAO	295842.00N/0951312.00W		279				500				AC125 AT596	1500
15.TERRAIN	295842.00N/0951312.00W		79 (100)								AS1000	1100

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: ILS

FROM

REDOC/I-GHI 6.07 DME

TO

RW27

RNP	DISTANCE 4.27	PAT	MAP DA	HAT 200			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				286

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:





FINAL: LOC

FROM

REDOC/I-GHI 6.07 DME

TO

I-GHI 1.80 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.27		I-GHI 1.80 DME	474								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
17.AAO	295909.94N/0951352.35W		294	50	20	2C	250					560

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

FINAL: ILS SA CAT I

FROM

REDOC/I-GHI 6.07 DME

TO

DA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.27		DA	150								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				236

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



FINAL: ILS CAT II

FROM

REDOC/I-GHI 6.07 DME

TO

DA

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	4.27		DA			100						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				186

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : ILS

FROM

DA

TO

TICOY/I-IAH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
												117
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
18.BLDG (48-004155)	294414.00N/0952741.00W		974	100	20	3C	1000					2000
19.TERRAIN	295624.00N/0952521.00W		122 (100)								AS1500	1600

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



MISSED APPROACH : LOC

FROM

I-GHI 1.80 DME

TO

TICOY/I-IAH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
18.BLDG (48-004155)	294414.00N/0952741.00W		974	100	20	3C	1000					2000
19.TERRAIN	295624.00N/0952521.00W		122 (100)								AS1500	1600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : ILS SA CAT I

FROM

DA

TO

TICOY/I-IAH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
18.BLDG (48-004155)	294414.00N/0952741.00W		974	100	20	3C	1000					2000
19.TERRAIN	295624.00N/0952521.00W		122 (100)								AS1500	1600

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

MISSED APPROACH : ILS CAT II

FROM  
DA

TO  
TICOY/I-IAH 20.00 DME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
18.BLDG (48-004155)	294414.00N/0952741.00W		974	100	20	3C	1000					2000
19.TERRAIN	295624.00N/0952521.00W		122 (100)								AS1500	1600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED

MSA

CENTER  
IAH VORTAC

RADIUS  
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
015-230	TOWER (48-004048)	293430.00N/0952938.00W	194	24.1	2049	500	50	5D	1000			3100
230-015	TOWER (48-007922)	302003.00N/0951252.00W	012	23.6	1349	500	50	5D	1000			2400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

CIRCLING, COURSE REVERSAL: NOT DEVELOPED PER ATC.

SIMULTANEOUS APPROACH AUTHORIZED WITH ILS/RNAV PROCEDURES TO RWY 26R AND RWY 26L PER 8260-3B CHNG 21-25.

RNAV ROUTES EVALUATED USING IPDS RNAV (GPS) Z RWY 27 BUILD.

55 FT TCH USED FOR PROCEDURE BUILD.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH  
IAH TOWER, IAH APP CON, ZHU ARTCC

<u>WX SERVICE</u> ASOS	<u>LOCATION</u> KIAH	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KIAH	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u>	<u>LOCATION</u>	<u>HRS OPERATION</u>	<u>ALTIMETER SOURCE</u>	<u>DISTANCE</u>	<u>SERVICE-A</u>	<u>ADJUSTMENTS</u>

WX REMARKS:  
BACK-UP ALTIMETER NOT REQUIRED DUE TO MULTIPLE ON AIRPORT BACK-UP SOURCES.

<u>PRIMARY NAVAID</u> I-GHI	<u>MONITOR POINT</u> IAH ATCT	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW15L - HIRL, C/LINE, PAPI-4R	NPI-G	APPROACH, MIDPOINT, ROLL OUT
RW33L - TDZ, HIRL, C/LINE, PAPI-4R	NPI-G	APPROACH, MIDPOINT, ROLL OUT
RW08L - TDZ, ALSF-2, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW08R - TDZ, MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW09 - MALSR, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW15R - TDZ, MALSR, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW26L - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4R	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW26R - TDZ, ALSF-2, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW27 - TDZ, ALSF-2, HIRL, C/LINE, PAPI-4L	PIR-G	APPROACH, MIDPOINT, ROLL OUT
RW33R - MALSR, HIRL, C/LINE	PIR-G	APPROACH, MIDPOINT, ROLL OUT

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 84.3	<u>TCH</u> 55.0	<u>ELEV GS ANTENNA</u> 80.0	<u>DISTANCE FROM RWY</u> 1035	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 70.3
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	<input checked="" type="checkbox"/>	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	<input checked="" type="checkbox"/>	FT FROM CENTERLINE	



AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
GEORGE BUSH INTERCONTINENTAL/HOUST ON	KIAH	ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	11B	HOUSTON	TX	96	I-GHI

CRITICAL TEMPERATURES

CRITICAL LOW

CRITICAL HIGH

ACT

APT ISA

CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.



<u>AIRPORT</u> GEORGE BUSH INTERCONTINENTAL/HOUST ON	<u>AIRPORT ID</u> KIAH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	<u>AMDT NO.</u> 11B	<u>CITY</u> HOUSTON	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 96	<u>FACILITY</u> I-GHI
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PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	THLD	TO 1000FT POINT	3.01
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.87
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	269.97
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	94
DISTANCE FROM	THLD	TO 1500FT POINT	12.13
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	6.14
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	269.97
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	78

THRESHOLD  
COORDINATES  
(IF STR-IN)

295839.41N/0951809.09W

ARP COORDINATES

295903.97N/0952029.19W

RUNWAY APCH END  
AND DIST FURTHEST  
FROM ARP

RUNWAY 27 DISTANCE 2.07 NM

FAF  
COORDINATES

295839.45N/0951314.03W

FIX NAME  
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED.

QUALITY  
10  
CHECKED

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<u>AIRPORT</u> GEORGE BUSH INTERCONTINENTAL/HOUST ON	<u>AIRPORT ID</u> KIAH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 27 ILS RWY 27 (SA CAT I), ILS RWY 27 (CAT II), ILS RWY 27 (CAT III)	<u>AMDT NO.</u> 11B	<u>CITY</u> HOUSTON	<u>STATE</u> TX	<u>AIRPORT ELEVATION</u> 96	<u>FACILITY</u> I-GHI
PART E: PREPARED BY							
<u>NAME</u> DONALD H. LANIER (MICAH HILLEY)			<u>OFFICE</u> AJV-A431	<u>DATE</u> 07/10/2019	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST		

QUALITY

10

CHECKED

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