

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GLS 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 ID</u> KIAH	<u>PROCEDURE NAME</u> GLS RWY 26R	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> HOUSTON	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 96	<u>TDZE</u> 95	<u>SUPERSEDED</u> GLS RWY 26R	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 12/07/2017	<u>MAG VAR</u> 3E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> GLS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> 02/23/2023	<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>
HOOTI	IAF	GRIZL		TF	FB	1.00	200.42	5.17	6000
GRIZL		ZAPPO		TF	FB	1.00	235.44	3.04	5000
ZAPPO	IAF	NEWLY		TF	FB	1.00	267.22	5.04	5000
NEWLY		RAIDS		TF	FB	1.00	267.17	4.22	4000
RAIDS	IF	CHUBS		TF	FB	1.00	267.13	7.22	3000
CHUBS		OWELL		TF	FB	1.00	267.06	4.36	2000
OWELL	PFAF	RW26R	MAP	TF	FO	0.30	267.02	5.80	
RW26R	MAP	600 MSL		CA			267.02		600
600 MSL		PEPBI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

GLS: DA

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 600 THEN CLIMBING RIGHT TURN TO 3000 DIRECT PEPBI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
25
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT ZAPPO

3.FAC: 267.02

PFAF: OWELL

DIST PFAF TO MAF:

DIST PFAF TO THLD:

4. MIN ALT: ZAPPO 5000, NEWLY 5000, RAIDS 4000, CHUBS 3000, OWELL 2000

5. DIST TO THLD FROM PFAF: 5.80

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT: 2000

GP ALT AT PFAF : OWELL 2000

OM:

MM:

IM:

7. GP ANGLE: 3.00

34:1: IS CLEAR

20:1: IS CLEAR

TCH: 59.4

8. MSA FROM: RW26R 3100

PBN REQUIREMENTS NOTES:

RNP APCH - GPS.

NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: AUTOPILOT COUPLED APPROACH NA BELOW 295.
CHART SPEED ICON IN PLANVIEW AT HOOTI: MAX 210 KIAS.

ADDITIONAL FLIGHT DATA:

HOLD N, RT, 165.47 INBOUND.
GBAS CHANNEL # 21484
REFERENCE PATH ID: G26A
CHART MANDATORY 6000 AT HOOTI.
LTP HAE: 1.3 M

MINIMUMS:

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

ALTERNATE: NA

X

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
GLS DA	295	1800	200	295	1800	200	295	1800	200	295	1800	200			



CHANGES - REASONS

1. ADDED PBN REQUIREMENT NOTE "RNP APCH - GPS". - NOTE ADDED IAW 8260.19I PARA 8-6-8(B)2.
2. REMOVED NOTE DME/DME RNP-0.3 NA. - NOTE NO LONGER APPLICABLE.
3. REMOVED NOTE GPS REQUIRED. - GPS REQUIREMENT INCORPORATED IN THE PBN EQUIPMENT REQUIREMENT NOTE.
4. ADDED INITIAL APPROACH SEGMENT FROM HOOTI TO GRIZL TO ZAPPO. - ADDED PER FPT/ATC CHECKLIST.
5. REMOVED PLANVIEW NOTE RADAR REQUIRED. - ADDED INITIAL APPROACH SEGMENTS ATTACHES TO ENROUTE STRUCTURE.
6. UPDATED INTERMEDIATE AND INTERMEDIATE STEPDOWN SEGMENT RNP VALUE FROM 0.5 TO 1.0. - VALUES UPDATED IAW 8260.19I PARA 4-6-10F.
7. ADDED "20:1 IS CLEAR" TO PROFILE LINE 7. - ADDED IAW 8260.19I PARA 8-6-7G(3)A.
8. REMOVED CAT E MINIMUMS. - MINIMUMS REMOVED PER FPT E-MAIL COORDINATION DUE TO CAT E INABILITY TO ADHERE TO SPEED RESTRICTIONS WITHOUT WAIVERS.
9. UPDATED NOTE "USE OF FD OR AP PROVIDING RNAV TRACK GUIDANCE DURING SIMULTANEOUS OPERATIONS" TO "USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS". - NOTE UPDATED IAW 8260.19I PARA 8-6-11O(8)D.
10. UPDATED PROFILE NOTE "GLS UNUSABLE INSDIE DA" TO "AUTOPILOT COUPLED APPROACH NA BELOW 295". - NOTE UPDATED IAW 8260.19I PARA 8-6-11O(7).
11. UPDATED NOTE "SIMULTANEOUS APPROACH AUTHORIZED WTH RWY 26L AND RWY 27" TO "SIMULTANEOUS APPROACH AUTHORIZED. - UPDATED IAW WITH 8260.19I PARA 8-6-11O(8)A.
13. UPDATED RPI FROM "GOND" TO "G26A". - UPDATED IAW 8260.19I PARA 4-6-10B.
14. CRC REMAINDER UPDATED FROM "05A78E16" TO "03D5D728". - LTP/PFAF ORTHOMETRIC HEIGHT UPDATED FROM +00290 TO +00287.

COORDINATED WITH:

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

FLIGHT CHECKED BY

PENDING

OFFICE**DATE***Digitally signed by***JOHNNIE BAKER**

Dec 09, 2022

DEVELOPED BY*Digitally signed by*NICHOLAS K. JACKSON **NICHOLAS JACKSON**

Nov 14, 2022

OFFICE

AJV-A431

DATE

07/19/2022

APPROVED BY

JOHNNIE BAKER

*Digitally signed by***ERIC N SUSKI**

Dec 07, 2022

OFFICE

AJV-A430

DATE**TITLE**
MANAGER

QUALITY
25
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION GLSOR STANDARD INSTRUMENT APPROACH PROCEDURE FLIGHT STANDARD SERVICE - FAR PART 97.33			Bearings, headings courses, and radials are magnetic. Elevations and altitudes are in fee, MSL, except HAT, HAA, TCH, and RAltitudes are minimum altitudes unless otherwise indicated. Ceilings are in fee above airport elevation. Distances are in nautical miles unless otherwise indicated, except visibilities which are in statute miles or in feet RVR.		
FAS DATA BLOCK INFORMATION					
DATA FIELD		DATA			
OPERATION TYPE		0			
SBAS SERVICE PROVIDER IDENTIFIER		14			
AIRPORT IDENTIFIER		KIAH			
RUNWAY		RW26R			
APPROACH PERFORMANCE DESIGNATOR		1			
ROUTE INDICATOR					
REFERENCE PATH DATA SELECTOR		3			
REFERENCE PATH IDENTIFIER (APPROACH ID)		G26A			
LTP/FTP LATITUDE		300025.8610N			
LTP/FTP LONGITUDE		0951949.2890W			
LTP/FTP ELLIPSOIDAL HEIGHT		+00013			
FPAP LATITUDE		300028.7810N			
FPAP LONGITUDE		0952131.9095W			
THRESHOLD CROSSING HEIGHT (TCH)		00059.4			
TCH UNITS SELECTOR (METERS OR FEET USED)		F			
GLIDEPATH ANGLE (GPA)		03.00			
COURSE WIDTH AT THRESHOLD		106.75			
LENGTH OFFSET		0008			
HORIZONTAL ALERT LIMIT (HAL)					
VERTICAL ALERT LIMIT (VAL)					
CRC REMAINDER		03D5D728			
ADDITIONAL PATH POINT RECORD INFORMATION					
ICAO CODE		K4			
LTP ORTHOMETRIC HEIGHT		+00287			
FPAP ORTHOMETRIC HEIGHT		+00287			
CITY AND STATE HOUSTON, TX		ELEVATION:95 AIRPORT NAME GEORGE BUSH INTCNTL/HOU STON	TDZE:95	FACILITY IDENTIFIER: GIAH	PROCEDURE NO./AMDT NO./ GLS RWY 26R, 2 EFFECTIVE DATE: 02/22/2023
				SUP: GLS RWY 26R AMDT: 1B DATED: 12/07/2017	

QUALITY
25
CHECKED

FAA FORM 8260-10 / April 2006(Computer Generated)

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