

**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 26L	<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SUPERSEDED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 26L	<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

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
GARRR	IAF	VANNN		TF	FB	1.00	287.14	3.00	7000
BOZZZ	IAF	VANNN		TF	FB	1.00	247.53	2.89	7000
VANNN	IAF	MKAYE		TF	FB	1.00	267.21	5.00	7000
MKAYE		GRIEG		TF	FB	1.00	267.16	4.25	5000
GRIEG	IF	KERNS		TF	FB	1.00	267.12	7.22	3000
KERNS		JEPNI		TF	FB	1.00	267.05	4.08	2000
JEPNI	PFAF	RW26L	MAP	TF	FO	0.30	267.02	5.81	
RW26L	MAP	295 MSL		CA			267.02		
295 MSL		LUCEP		DF	FO	1.00			3000

MISSED APPROACH

MAP:
GLS: DA

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 3000 DIRECT LUCEP AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



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 - NOTE NO LONGER APPLICABLE.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 SEGMENTS FROM BOZZZ TO VANNN TO MKAYE AND GARRR TO VANNN TO MKAYE . - 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 26R AND RWY 27" TO " SIMULTANEOUS APPROACH AUTHORIZED. - UPDATED IAW WITH 8260.19I PARA 8-6-11O(8)A.
12. UPDATED PROFILE NOTE FROM "VGS1 AND GLS GLIDEPATH NOT COINCIDENT" TO " VGS1 AND GLS GLIDEPATH NOT COINCIDENT (VGS1 ANGLE {ANGLE}/TCH {FEET}).
13. GLS DA UPDATED FROM 296TO 295. - TARGETS EVALUATED DA UTILIZED.
14. UPDATED RPI FROM "GJYV" TO "G26B". - UPDATED IAW 8260.19I PARA 4-6-10B.
15. CRC REMAINDER UPDATED FROM "AAECCAEE" TO "97F2861D". - LTP/PFAF ORTHOMETRIC HEIGHT UPDATED FROM +00287 TO +00281.

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

NICHOLAS K. JACKSON **NICHOLAS JACKSON**

Digitally signed by
Nov 16, 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



**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 feet, MSL, except HAT, HAA, TCH, and RAAltitudes 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.

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	14
AIRPORT IDENTIFIER	KIAH
RUNWAY	RW26L
APPROACH PERFORMANCE DESIGNATOR	1
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	1
REFERENCE PATH IDENTIFIER (APPROACH ID)	G26B
LTP/FTP LATITUDE	295936.3815N
LTP/FTP LONGITUDE	0951930.9535W
LTP/FTP ELLIPSOIDAL HEIGHT	+00007
FPAP LATITUDE	295936.3025N
FPAP LONGITUDE	0952117.8700W
THRESHOLD CROSSING HEIGHT (TCH)	00055.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	
VERTICAL ALERT LIMIT (VAL)	
<u>CRC REMAINDER</u>	97F2861D

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K4
LTP ORTHOMETRIC HEIGHT	+00281
FPAP ORTHOMETRIC HEIGHT	+00281



CITY AND STATE HOUSTON, TX	ELEVATION:93	TDZE:95	FACILITY	PROCEDURE NO./AMDT NO./	SUP: GLS RWY 26L
	AIRPORT NAME		IDENTIFIER:	GLS RWY 26L, 2	AMDT: 1B
	GEORGE BUSH INTCNTL/HOU STON		GIAH	EFFECTIVE DATE: 02/22/2023	DATED: 12/07/2017