

**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 ID</u> KGLS	<u>PROCEDURE NAME</u> ILS OR LOC RWY 14	<u>ORIGINAL/AMENDMENT</u> 13	<u>CITY</u> GALVESTON	<u>STATE</u> TX		
<u>AIRPORT ELEVATION</u> 6	<u>TDZE</u> 5	<u>SUPERSEDED</u> ILS OR LOC RWY 14	<u>ORIGINAL/AMENDMENT</u> 12D	<u>DATED</u> 12/02/2021	<u>MAG VAR</u> 2E	<u>EPOCH YEAR</u> 2015
<u>FACILITY</u> I-GLS	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 3 NOVEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
VUH VOR/DME		SWANE INT/VUH 5.58 DME	FAF/IAF				315.08	5.58	1800
UCENU INT/VUH 12.58 DME/RADAR	IF/IAF	SWANE INT/VUH 5.58 DME	NOPT				138.11	7.00 (I-GLS)	1800

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.47 NM AFTER SWANE INT/VUH 5.58 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2400 ON HEADING 360 AND VUH VOR/DME R-315 TO SWANE INT/VUH 5.58 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 318.11 OUTBOUND 1800 FT WITHIN 10 MILES OF SWANE INT/VUH 5.58 DME (IAF)
- 2.
3. FAC: 138.11 FAF: SWANE INT/VUH 5.58 DME DIST FAF TO MAP: 5.47 DIST FAF TO THLD: 5.47
4. MIN ALT: SWANE INT/VUH 5.58 DME 1800
5. DIST TO THLD FROM FAF: 5.47 MM: IM: 150 HAT: GS ANT: 1029
6. MIN GS INCPT: 1800 GS ALT AT FAF: SWANE INT/VUH 5.58 DME 1800 OM: MM: IM:
7. GP ANGLE: 3.00 34:1 20:1 TCH: 52.6
8. MSA FROM: VUH VOR/DME 360-180 1600, 180-360 3100

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY AT UCENU.



NOTES:

CHART NOTE: CIRCLING NA E OF RWY 18 AND NE OF RWY 32.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT VUH VOR/DME ON V556 EASTBOUND.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 14 CAT A AND B VISIBILITY TO 1 SM.
 CHART NOTE: DME FROM VUH VOR/DME. SIMULTANEOUS RECEPTION OF I-GLS AND VUH DME REQUIRED.
 CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14 ALL CATS.

ADDITIONAL FLIGHT DATA:

DISTANCE VDP TO THLD 1.37 NM.
 CHART VDP AT 1.26 DME.
 HOLD NW, LT, 138.11 INBOUND.
 FAS OBST: 200 AAO 291942N/0945518W.
 CHART 289 STACK 292138N/0945557W.

MINIMUMS:

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

ALTERNATE: NA

CATEGORY:	A			B			C			D			E		
	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 14	205	3/4	200	205	3/4	200	205	3/4	200	205	3/4	200			
S-LOC 14	460	3/4	455	460	3/4	455	460	7/8	455	460	7/8	455			
CIRCLING	500	1	494	520	1	514	620	1 3/4	614	620	2	614			



CHANGES - REASONS

1. ADDED "FAF/IAF" AND "NOPT" TO SWANE INT/VUH 5.58 DME AS FIX TYPE IN TERMINAL ROUTES - IAW 8260.19I 8-6-4 A (3).
2. AMENDED TERMINAL ROUTES FROM "UCENU INT/VUH 12.58 DME" TO "UCENU INT/VUH 12.58 DME/RADAR" AND FIX TYPE FROM "IF" TO "IF/IAF" - IAW 8260.19I 8-6-9 G.
3. AMENDED LOC MAP FROM "VUH 0.14 DME" TO "5.47 NM AFTER SWANE INT/VUH 5.58 DME" - IAW 8260.19I 8-6-9 G.
4. CHANGED PRIMARY MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 284 AND VUH VOR/DME R-243 TO DELVE/22.05 DME AND HOLD" TO "CLIMB TO 1200 THEN CLIMBING RIGHT TURN TO 2400 ON HEADING 360 AND VUH VOR/DME R-315 TO SWANE INT/VUH 5.58 DME AND HOLD, CONTINUE CLIMB-IN-HOLD TO 2400." - PER ATC REQUEST WITH FPT FOR A LOWER MISSED APPROACH ALTITUDE TO SWANE INT/VUH 5.58 DME.
5. REMOVED ALTERNATE MISSED APPROACH INSTRUCTIONS - AN ALTERNATE MISSED APPROACH IS NO LONGER REQUIRED IAW FPT REQUEST AND ATC APPROVAL.
6. PROFILE LINE 1: UPDATED THE IAF FROM "SWANE INT (IAF)" TO "SWANE INT/VUH 5.58 DME (IAF)" - CORRECTED PREVIOUS ERROR IN FIX MAKEUP.
7. PROFILE LINE 3: ADDED "DIST FAF TO MAP: 5.47" - MAP TIME/DISTANCE TABLE REQUIRED IAW 8260.19I 8-6-7 C (3).
8. PROFILE LINE 5: ADDED "DIST TO THLD FROM FAF: 5.47" AND REMOVED "200 HAT: 0.46" - IAW 8260.19I 8-6-7 E.
9. DELETED "DME REQUIRED" FROM EQUIPMENT REQUIREMENTS NOTES - ALL FIXES ARE NOW INTERSECTIONS.
10. REMOVED "CHART PROFILE AND PLANVIEW NOTE: PROCEDURE TURN NA FOR CAT E AIRCRAFT" - CAT E REMOVED PER FPT REQUEST.
11. AMENDED CHART NOTE: FROM "FOR INOPERATIVE ALS, INCREASE S-ILS 14 CAT E VISIBILITY TO 3/4 SM AND S-LOC 14 CAT E VISIBILITY TO 1 3/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 14 CATS A AND B VISIBILITY TO 1 SM." - CAT E REMOVED AND NEW VISIBILITY EVALUATION.
12. UPDATED ADDITIONAL FLIGHT DATA NOTE FROM "CHART VDP AT 1.40 DME*" TO "CHART VDP AT 1.26 DME" AND FROM "DISTANCE VDP TO THLD 1.26 NM" TO "DISTANCE VDP TO THLD 1.37 NM" - UPDATED TARGETS EVALUATION.
13. REMOVED "LOC ONLY" FROM ADDITIONAL FLIGHT DATA - IAW 8260.19I, 8-6-10 M MEMO.
14. AMENDED ADDITIONAL FLIGHT DATA NOTE FROM "FAS OBST: 207 AAO 291903N/0945409W" TO "FAS OBST: 200 AAO 291942N/0945518W" - IAW 8260.19I 8-6-10 C.
15. AMENDED ADDITIONAL FLIGHT DATA NOTE FROM "CHART: 284 STACK 292139N/0945558W" TO "CHART 289 STACK 292138N/0945557W" - IAW 8260.19I 8-6-10 C.
16. DELETED "CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NW SWANE INT/VUH 5.58 DME, RT, 138.11 INBOUND." FROM ADDITIONAL FLIGHT DATA - ALTERNATE MISSED APPROACH DELETED.
17. AMENDED ADDITIONAL FLIGHT DATA NOTE FROM "HOLD SW, RT, 062.58 INBOUND" TO "HOLD NW, LT, 138.11 INBOUND" - MISSED APPROACH HOLDING MOVED FROM DELVE TO SWANE.
18. DELETED CAT E LANDING MINIMUMS - PER FPT REQUEST.
19. CHANGED S-ILS 14 VISIBILITY ALL CATS FROM 1/2 SM TO 3/4 SM AND S-LOC 14 VISIBILITY CATS A AND B FROM 1/2 SM TO 3/4 SM - IAW 8260.3E VISIBILITY TABLES.
20. ADDED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO S-ILS 14 ALL CATS - NEW TARGETS EVALUATION.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZHU, AMGR, ST. AV. DIR, HOU APP CON, GLS ATCT

FLIGHT CHECKED BY

JEFFREY A FINDLEY

Digitally signed by
CASIMIR L TABAKA

OFFICE

FPO

DATE

08/25/2022

DEVELOPED BY

CASIMIR L. TABAKA (GREG LINDSEY)

Digitally signed by
CASIMIR L TABAKA

Jun 23, 2022

OFFICE

AJV-A432

DATE

03/30/2022

APPROVED BY

LONNIE EVERHART

Digitally signed by
CASIMIR L TABAKA

Jun 23, 2022

OFFICE

AJV-A430

DATE

TITLE
MANAGER

