

**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> GSH	<u>PROCEDURE NAME</u> ILS OR LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> GOSHEN	<u>STATE</u> IN
<u>AIRPORT ELEVATION</u> 826	<u>TDZE</u> 826	<u>SUPERSEDED</u> ILS OR LOC RWY 27	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 05/20/2021
<u>FACILITY</u> I-GSH	<u>COORDINATES OF FACILITIES</u> 413130.67N/0854833.44W	<u>ACTUAL EFFECTIVE DATE</u> 12 JUNE 2025	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>MAG VAR</u> 4W
				<u>EPOCH YEAR</u> 2000
				<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>
ETUVE	IF/IAF	NEYMU		TF	FB	1.00	273.44	3.07	2500
NEYMU		BALLA/RADAR	PFAF	TF	FB	1.00	273.41	1.92	2500
BALLA/RADAR	FAF	LADIC/RADAR					273.30 (I-GSH)	3.40	
LADIC/RADAR		RW27	MAP				273.30 (I-GSH)	1.71	
RW27	MAP	1212 MSL		CA			273.30		
1212 MSL		BUCGA		DF	FO	1.00			2500

MISSED APPROACH

MAP:

ILS: DA
LOC: RW27

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2500 DIRECT BUCGA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD E ETUVE, RT, 273.47 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 14000.
- FAC: 273.30 FAF: BALLA/RADAR DIST FAF TO MAP: 5.11 DIST FAF TO THLD: 5.11
- MIN ALT: NEYMU 2500, BALLA/RADAR 2500, LADIC/RADAR 1400
- DIST TO THLD FROM PFAF: 5.11 MM: IM: 150 HAT: GS ANT: 918
- MIN GS INCPT: 2500 GS ALT AT PFAF: BALLA/RADAR 2500 OM: MM: IM:
- GS ANGLE: 3.00 34:1 20:1 TCH: 49.0
- MSA FROM: KGSH 3000



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED TO DEFINE BALLA AND LADIC.

NOTES:

CHART NOTE: CIRCLING NA TO RWYS 5 AND 23.
CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASW ALTIMETER SETTING: INCREASE DA TO 1251 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET; INCREASE CAT D CIRCLING VISIBILITY 1/4 SM.

ADDITIONAL FLIGHT DATA:

HOLD S, RT, 355.97 INBOUND.
CHART FAS OBST: 993 TRANSMISSION_LINE (18-022664) 413129N/0854507W.

MINIMUMS:

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

ALTERNATE: NA ☒

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 27	1212	1 1/8	386	1212	1 1/8	386	1212	1 1/8	386	1212	1 1/8	386			
S-LOC 27	1300	1	474	1300	1	474	1300	1 3/8	474	1300	1 3/8	474			
CIRCLING	1300	1	474	1320	1	494	1500	2	674	1560	2 1/4	734			



CHANGES - REASONS

1. DME FIX CEDOB REMOVED AND REPLACED WITH RADAR FIX LADIC. - GSH VOR/DME DECOM/ATC REQUEST.
2. TDZE CHANGED FROM 827 TO 826. - VG SURVEY COMPLETED 6/21/2022.
3. TERMINAL ROUTES: REMOVED FEEDER SEGMENT GSH VORTAC TO BALLA; REMOVED IAF ARC SEGMENT KODHY TO ETUVE. - GSH VORTAC DECOMMISSIONING, VOR MON.
4. TERMINAL ROUTES: IF SEGMENT CHANGED FROM "ETUVE/GSH 23.00 DME/RADAR TO BALLA/GSH 16.03 DME/RADAR" TO "ETUVE (IF/IAF) TO NEYMU TF/FB/1.00; COURSE: 273.44; DISTANCE: 3.07; ALTITUDE: 2500". - DME REMOVED FROM FIX USE. ADDED PBN TRANSITION WITH CAPTURE FIX NEYMU IAW 8250.58C, APP. C.
5. TERMINAL ROUTES: ADDED IF SEGMENT NEYMU TO BALLA/RADAR (PFAF) TF/FB/1.00; COURSE: 273.41; DISTANCE: 1.92; ALTITUDE: 2500. - CAPTURE FIX TO PFAF IAW 8260.58C, APP. C.
6. TERMINAL ROUTES: ADDED SEGMENT: BALLA/RADAR (FAF) TO LADIC/RADAR; COURSE: 273.30 (I-GSH); DISTANCE: 3.40 - 8260.19J 8-6-4.
7. TERMINAL ROUTES: ADDED SEGMENT: LADIC/RADAR TO RWY 27 (MAP); COURSE: 273.30 (I-GSH); DISTANCE 1.71. - 8260.19J 8-6-4.
8. TERMINAL ROUTES: ADDED MA SEGMENT: RWY 27 (MAP) TO 1212 MSL; LEG TYPE CA; COURSE 273.30. - 8260.19J 8-6-4.
9. TERMINAL ROUTES: ADDED MA SEGMENT: 1212 MSL TO BUCGA; LEG TYPE DF; FO/FB: FO; RNP: 1.0; ALTITUDE 2500. - 8260.19J 8-6-4.
10. MISSED APPROACH: MAP: LOC CHANGED FROM "5.01 MILES AFTER BALLA/GSH 16.03 DME/RADAR OR AT GSH 11.02 DME FIX" TO "RWY27". - ADDED RNAV MISSED APPROACH DUE TO GSH VORTAC VOR MON.
11. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 2500 DIRECT GSH VORTAC AND HOLD; OR WHEN DIRECTED BY ATC, CLIMB TO 1700 THEN CLIMBING RIGHT TURN TO 4000 DIRECT GIJ VORTAC AND HOLD N, LT, 180.87 INBOUND." TO "CLIMB TO 2500 DIRECT BUCGA AND HOLD." - CHANGED TO RNAV MISSED APPROACH DUE TO GSH VORTAC DECOMMISSIONING.
12. PROFILE LINE 1: REMOVED PROCEDURE TURN. - GSH VORTAC DECOMMISSIONING.
13. PROFILE LINE 2: ADDED "HOLD E ETUVE, RT, 273.47 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 14000." - PT CHANGED TO H-I-L DUE TO GSH VORTAC DECOMM/ATC REQUEST.
14. PROFILE LINE 3: FAF CHANGED FROM BALLA/GSH 16.03 DME/RADAR" TO "BALLA/RADAR"; DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 5.01 TO 5.11. - PFAF RELOCATED, TCH CHANGED FROM 55.5 TO 49 USING DESIGN TCH. DME REMOVED FROM FIX USE.
15. PROFILE LINE 4: MIN ALT CHANGED FROM "BALLA/GSH 16.03 DME/RADAR 2500, CEDOB/GSH 12.52 DME 1360*" TO "NEYMU 2500, BALLA/RADAR 2500, LADIC/RADAR 1400". - GSH VORTAC DECOMM/ATC REQUEST RADAR FIX LADIC/CAPTURE FIX NEYMU ADDED PER 8260.19J 8-6-7.D.
16. PROFILE LINE 5: DIST TO THLD TO PFAF: CHANGED FROM 5.01 TO 5.11, AND GS ANT CHANGED FROM 960 TO 918. - PFAF RELOCATED, TCH CHANGED FROM 55.5 TO 49 USING DESIGN TCH.
17. PROFILE LINE 6: CHANGED GS ALT AT PFAF FROM "BALLA 2500" TO "BALLA/RADAR 2500". - IAW 8260.19J 8-6-7 F.
18. PROFILE LINE 7: TCH CHANGED FROM 55.5 TO 49. - DESIGN TCH IS 49 PER I-GSH AIRNAV/8260.3F 10-1-4.
19. PROFILE LINE 8: MSA CHANGED FROM GSH VORTAC 3000 TO KGSH 3000. - IAW 8260.19J 8-6-7 G (4), GSH DECOMMISSIONING, NO SUITABLE NAVAIDS WITHIN 30 NM.
20. PBN REQUIREMENTS NOTE: ADDED "RNP APCH - GPS." - IAW 8260.19J 8-6-8 D (5), PROCEDURE ENTRY AND MA REQUIRE GPS, NO SUITABLE NAVAIDS IN THE AREA.
21. EQUIPMENT REQUIREMENT NOTES: ADDED RADAR REQUIRED TO DEFINE BALLA AND LADIC. - 8260.19J 8-6-9 A (4).
22. NOTES: DELETED CHART NOTE: DME OR RADAR REQUIRED. - GSH DME DECOMM.
23. NOTES: DELETED CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT. - VGSI AND ILS GLIDESLOPE ARE COINCIDENT.
24. NOTES: CONTINGENCY BACKUP ALTIMETER NOTE CHANGED FROM "WHEN LOCAL ALTIMETER NOT RECEIVED, USE WARSAW MUNI ALTIMETER SETTING AND INCREASE ALL DAS/MDAS 40 FEET AND INCREASE CEDOB FIX MINIMUMS S-LOC 27 CATS C/D VISIBILITY 1/4 MILE" TO "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ASW ALTIMETER SETTING: INCREASE DA TO 1251 FEET AND ALL VISIBILITIES 1/8 SM; INCREASE ALL MDAS 40 FEET; INCREASE CAT D CIRCLING VISIBILITY 1/4 SM." -IAW 8260.19 8-6-12 F.
25. NOTES: ADDED CHART NOTE: RWY 27 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED. - IAW 8260.19J 8-6-12 K, 34:1 OBST EXIST.
26. NOTES: DELETED "*1400 WHEN USING WARSAW MUNI ALTIMETER SETTING." AND "*LOC ONLY". - REMOVED DUAL SDF MINIMUMS BY ADDING RADAR TO FIX USE.
27. ADDITIONAL FLIGHT DATA: CHART FAS OBST CHANGED FROM "994 TREE 413126N/0854524W." TO "993 TRANSMISSION LINE (18-022664) 413129N/0854507W." - NEW FAS OBSTACLE.
28. ADDITIONAL FLIGHT DATA: HOLDING CHANGED FROM "HOLD W, RT, 090.00 INBOUND." TO "HOLD S, RT, 355.97 INBOUND." - MA HOLDING FIX CHANGED FROM GSH VORTAC TO BUCGA.
29. MINIMUMS: S-ILS 27 DA/HAT MINS CHANGED FROM 1027/200 TO 1212/386 ALL CATS. VISIBILITY CHANGED FROM 3/4 SM TO 1 1/8 SM ALL CATS. - CONTROLLING OBSTACLE CHANGED FROM ASC TO 971 TREE (18-077772) 413137.09N/0854558.03W 1A/TOUCHDOWN ZONE ELEVATION CHANGED.
30. MINIMUMS: REMOVED CEDOB FIX MINIMUMS. - SDF ALWAYS RECEIVED.
31. MINIMUMS: S-LOC 27 HAT CHANGED FROM 473 TO 474 ALL CATS AND VISIBILITY CHANGED CAT C FROM 1 1/4 TO 1 3/8, CAT D FROM 1 1/2 TO 1 3/8. - TOUCHDOWN ZONE ELEVATION CHANGED AND NEW VISIBILITY TABLE APPLIED.
32. MINIMUMS: CIRCLING HAA CHANGED FROM 473 TO 474 CAT A, FROM 493 TO 494 CAT B, FROM 673 TO 674 CAT C, AND CMDA/HAA FROM 1540/713 TO 1560/734 CAT D. - NEW CONTROLLING OBSTACLES/AIRPORT AND TOUCHDOWN ZONE ELEVATION CHANGED.
33. ADDITIONAL FLIGHT DATA: DELETED "#DME FROM GSH VORTAC." - DME NOT REQUIRED, USING WP/RADAR FIXES.
34. ADDITIONAL FLIGHT DATA: DELETED "CHART: ALTERNATE MA HOLDING, HOLD N GIJ VORTAC, LT, 180.87 INBOUND." - 8260.19J 8-6-6 H, RNAV MISSED APPROACH/GIJ EVENTUAL DECOMMISSIONING.
35. ADDITIONAL FLIGHT DATA: DELETED "CHART IN PLANVIEW: GIJ VORTAC."- REMOVED ALTERNATE MISSED APPROACH.
36. ADDITIONAL FLIGHT DATA: DELETED "CHART GSH R-108 AT KODHY." - REMOVED IAF SEGMENT FROM KODHY/ATC REQUEST.



COORDINATED WITH:

A4A

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ALPA

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AOPA

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APA

☐

HAI

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NBAA

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OTHER: ZAU, SBN APP CON, AMGR

FLIGHT CHECKED BY

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Apr 16, 2025

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