

**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> KGBG	<u>PROCEDURE NAME</u> ILS OR LOC RWY 3	<u>ORIGINAL/AMENDMENT</u> 11	<u>CITY</u> GALESBURG	<u>STATE</u> IL		
<u>AIRPORT ELEVATION</u> 764	<u>TDZE</u> 764	<u>SUPERSEDED</u> ILS OR LOC/DME RWY 3	<u>ORIGINAL/AMENDMENT</u> 10B	<u>DATED</u> 01/30/2020	<u>MAG VAR</u> 2W	<u>EPOCH YEAR</u> 2025
<u>FACILITY</u> I-GBG	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 17 JUNE 2021	<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
BRL VOR/DME	IAF	MAXAY INT/GBG 11.82 DME	NOPT				076.97	17.08	3000
MAXAY INT/GBG 11.82 DME	IF/IAF	JISIS/GBG 6.32 DME					030.17	5.50	2700

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.94 NM AFTER JISIS/GBG 6.32 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 020 AND BRL VOR/DME R-045 TO JOHHH INT/BRL 37.41 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
2. HOLD SW MAXAY, RT, 030.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000.
3. FAC: 030.17 FAF: JISIS/GBG 6.32 DME DIST FAF TO MAP: 5.94 DIST FAF TO THLD: 5.94
4. MIN ALT: MAXAY INT/GBG 11.82 DME 3000, JISIS/GBG 6.32 DME 2700, CUVKI/GBG 2.89 DME 1600
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 999
6. MIN GS INCPT: 2700 GS ALT AT FAF : JISIS/GBG 6.32 DME 2700 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: 20:1: TCH: 55.0
8. MSA FROM: KGBG 3100

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.



NOTES:

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRL VOR/DME AIRWAY RADIALS 061 CW 127.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 3 CAT C/D VISIBILITY TO 7/8 SM.
 CHART NOTE: DME FROM GBG VOR/DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-GBG AND GBG DME.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 796 TREE (17-033964) 405536.63N/0902629.21W.
 CHART VDP AT 1.17 DME.
 HOLD NE, RT, 225.03 INBOUND.
 DISTANCE VDP TO THLD 0.78 NM.
 CHART CIRCLING ICON.

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 03	964	1/2	200	964	1/2	200	964	1/2	200	964	1/2	200			
S-LOC 03	1060	1/2	296	1060	1/2	296	1060	1/2	296	1060	1/2	296			
CIRCLING	1220	1	456	1220	1	456	1380	1 3/4	616	1560	2 1/2	796			



CHANGES - REASONS

1. INCORPORATED NOTAM 0/6687
2. CHANGED MAGVAR FROM 3E/1980 TO 2W/2025 - NEW EPOCH YEAR PUBLISHED
3. REMOVED FEEDER ROUTE ONEID INT/GBG 9.99 DME TO GBG VOR/DME - GBG VORMON/DME ONLY
4. REMOVED FEEDER ROUTE GBG VOR/DME TO MAXAY INT/GBG 11.82 DME - GBG VORMON/DME ONLY
5. ADDED INITIAL ROUTE BRL VORDME TO MAXAY INT/GBG 11.82 DME - ENROUTE TO TERMINAL SEGMENT
6. ADDED HOLD IN LIEU IF/IAF AT MAXAY INT/GBG 11.82 DME - REPLACES OLD PROCEDURE TURN
7. CHANGED IF/IAF SEGMENT MAXAY TO JISIS COURSE FROM "025.16" TO "030.17" - MAGVAR UPDATE
8. CHANGED MISSED APPROACH LOC FROM "GBG 0.40 DME FIX" TO "5.94NM AFTER JISIS INT/GBG 6.32 DME" - .19I 8-6-6 C. (1)
9. REMOVED PROFILE LINE 1: PROCEDURE TURN - NO ILS RECEPTION
10. ADDED HIL PROFILE LINE 2: HOLD SW MAXAY, RT, 030.17 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000 - NEW COURSE REVERSAL REQUIRED/GBG VORMON
11. UPDATED PROFILE LINE 3: COURSE CHANGE FROM "FAC 025.16" TO "FAC 030.17" - MAGVAR UPDATE
12. UPDATED PROFILE LINE 4: FROM "MIN ALT MAXAY 3000, JISIS 2700, RIYOT/GBG 2.59 DME 1500" TO "MAXAY INT/GBG 11.82 DME 3000, JISIS/GBG 6.32 DME 2700, CUVKI/GBG 2.89 DME 1600" - GBG VORMON/SDF TO MATCH RNAV (GPS) RWY 3 SDF
13. CHANGED PROFILE LINE 5: DIST TO GS ANT FROM "1000" TO "999" - TARGETS VS IAPA BUILD
14. CHANGED PROFILE LINE 6: FROM "GS ALT AT JISIS 2700" TO "GS ALT AT FAF JISIS/GBG 6.32 DME 2700" - GBG VORMON
15. CHANGED PROFILE LINE 8: MSA FROM "FROM GBG VOR/DME 090-270 2500, 270-090 3100" TO "FROM ARP KGBG 3100" - .19I 8-6-7 H. (1)
16. CHANGED MISSED APPROACH FIX FROM ONEID TO JOHHH (410720.880N/0901736.880W) - GBG AND MZV VORMON
17. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 ON GBG VOR/DME R-031 TO ONEID INT/GBG 9.99 DME AND HOLD" TO "CLIMB TO 1200 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 020 AND BRL VOR/DME R-045 TO JOHHH INT/BRL 37.41 DME AND HOLD" - ATC REQUEST
18. LANDING MINIMUMS CHANGED S-LOC-3 MDA/HAT CATS A/B/C/D FROM "1160/396" TO "1060/296" AND VISIBILITY CATS C/D FROM "3/4 TO 1/2" - NEW SDF/NEW FINAL CONTROLLER/NEW VIS CHECKS
19. CHANGED ADDITIONAL FLIGHT DATA: FROM "HOLD NE, RT, 211.00 INBOUND" TO HOLD NE, RT, 230.03 INBOUND" - NEW HOLDING FIX
20. CHANGED ADDITIONAL FLIGHT DATA: FAS OBSTACLE FROM "CHART FAS OBST: 879 TREE 405404N/0902653W" TO "CHART FAS OBST: 796 TREE (17-033964) 405537N/0902629W" - NEW FINAL CONTROLLER
21. ADDED ADDITIONAL FLIGHT DATA: CHART VDP AT 1.17 DME, DISTANCE VDP TO THLD 0.78 NM - .3D 2-6-5 A.
22. REMOVED CHART PLANVIEW NOTE: USE OF BRL R-077 AND GBG R-205 MAY BE NECESSARY TO LOCATE MAXAY - NO CRITERIA
23. ADDED CHART NOTE: DME FROM GBG VOR/DME. DME USE REQUIRES SIMULTANEOUS RECEPTION OF I-GBG AND GBG DME.
24. ADDED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON BRL VORDME AIRWAY RADIALS 061 CW 127 - .19I 8-2-5 E. (2)
25. CHANGED CHART NOTE: FROM "FOR INOPERATIVE ALS, INCREASE S-LOC 3 CAT C/D VISIBILITY TO 1 1/8 SM" TO "FOR INOPERATIVE ALS, INCREASE S-LOC 3 CAT C/D VISIBILITY TO 7/8 SM" - .19I 8-6-11 O. (3) (D)/NEW VISIBILITY CHECKS.
26. MOVED TO 8260-9 PART C AND CHANGED CHART NOTE: FROM "FOR INOPERATIVE ALS WHEN USING MACOMB ALTIMETER SETTING, INCREASE S-ILS 3 ALL CATS VISIBILITY TO 7/8 SM, INCREASE S-LOC 3 CAT C/D VISIBILITY TO 1 3/8 SM" TO "FOR INOPERATIVE ALS WHEN USING MACOMB ALTIMETER SETTING, INCREASE S-ILS 3 ALL CATS VISIBILITY TO 7/8 SM, INCREASE S-LOC 3 CAT C/D VISIBILITY TO 1 SM" - .19I 8-6-9 F. (3)/KGBG ON WMSCR/NEW VISIBILITY CHECKS.
27. MOVED TO 8260-9 PART C AND CHANGED CHART NOTE: FROM "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MACOMB ALTIMETER SETTING AND INCREASE ALL DA 71 FEET, AND ALL MDA 80 FEET, INCREASE S-LOC 3 CAT C/D TO 1" TO "WHEN USING MACOMB ALTIMETER SETTING INCREASE ALL DA 71 FEET AND ALL MDA 80 FEET, INCREASE S-LOC 3 CAT C/D VISIBILITY 1/8 SM AND CIRCLING CAT C/D VISIBILITY 1/4 SM" - .19I 8-6-9 F. (3)/KGBG ON WMSCR

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZAU, MLI APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY

GLEN B FREEMAN

JON DENTON

Mar 31, 2021

OFFICE

FICO

DATE

3/30/2021

DEVELOPED BY

JON DENTON (APRIL SARMENTO)

Digitally signed by

JON DENTON

Mar 31, 2021

OFFICE

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