

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> KGVL	<u>PROCEDURE NAME</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> GAINESVILLE	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 1277	<u>TDZE</u> 1275	<u>SUPERSEDED</u> ILS OR LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 07/15/2021	<u>MAG VAR</u> 3W	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> I-GVL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<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>
XIHT/I-GVL 17.93 DME	IAF	IYULU/I-GVL 12.99 DME					044.00	4.94 (I-GVL)	3100
IYULU/I-GVL 12.99 DME	IF	FLAWR/I-GVL 6.59 DME					044.00	6.40 (I-GVL)	3100

MISSED APPROACH

MAP:

ILS: DA
LOC: 5.60 NM AFTER FLAWR/I-GVL 6.59 DME OR AT I-GVL 0.99 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 DIRECT AHN VOR/DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT IYULU
- FAC: 044.00 FAF: FLAWR/I-GVL 6.59 DME DIST FAF TO MAP: 5.60 DIST FAF TO THLD: 5.60
- MIN ALT: IYULU/I-GVL 12.99 DME 3100, FLAWR/I-GVL 6.59 DME 3100, IXBIQ/I-GVL 3.59 DME 2140
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: 907
- MIN GS INCPT: 3100 GS ALT AT PFAF: FLAWR/I-GVL 6.59 DME OM: MM: IM:
- GS ANGLE: 3.00 34:1: 20:1: TCH: 42.6
- MSA FROM: ARP KGVL 5600

EQUIPMENT REQUIREMENTS NOTES:

DME REQUIRED.
RADAR REQUIRED FOR PROCEDURE ENTRY



NOTES:

CHART NOTE: CIRCLING RWY 11, 29 NA AT NIGHT.

CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).

CHART NOTE: FOR INOPERATIVE ALS INCREASE S-LOC 05 CATS C AND D VISIBILITY TO 1 SM.

ADDITIONAL FLIGHT DATA:

CHART VDP 2.04 DME

DISTANCE VDP TO THLD 1.05 NM

HOLD SE, RT, 313.00 INBOUND.

CHART FAS OBST: 1383 TREE (13-112826) 341526N/0835040W.

CHART 1625 TOWER 341128N/0835358W.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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 05	1475	1/2	200	1475	1/2	200	1475	1/2	200	1475	1/2	200			
S-LOC 05	1640	1/2	365	1640	1/2	365	1640	5/8	365	1640	5/8	365			
CIRCLING	1780	1	503	2000	1	723	2000	2	723	2020	2 1/2	743			



CHANGES - REASONS

1. INCORPORATED CHANGES FROM P-NOTAM FDC 1/0665 FOR ORIG-C INTO FORM - IAW 8260.19I PARA 8-3-4.C (3).
2. DELETED FEEDER ROUTE FROM ATHENS (AHN) VOR/DME - FKV NDB REMOVED FROM PROCEDURE.
3. DELETED FEEDER ROUTE FROM ANNIE INT/ODF 31.04 DME - FKV NDB REMOVED FROM PROCEDURE.
4. DELETED FEEDER ROUTE FROM MACEY/ATL 56.27 DME - FKV NDB REMOVED FROM PROCEDURE.
5. DELETED IAF FROM LOGEN INT/ATL 28.63 DME AND ASSOCIATED NOTES - FKV NDB REMOVED FROM PROCEDURE.
6. REMOVED IAF FROM FLOWERY BRANCH (FKV) NDB - FKV NDB REMOVED FROM PROCEDURE.
7. ADDED IAF FROM XIHTI INT/I-GVL 17.93 DME, 044.00 COURSE, 4.94 DME, 3100 MSL - FKV NDB REMOVED FROM PROCEDURE.
8. UPDATED IF FROM IYULU INT/I-GVL 12.99 DME FROM "044.01 COURSE, 6.49 DME" TO "044.00 COURSE, 6.40 DME" - MOVED PFAF TO MAINTAIN 3 DEGREE GLIDE SLOPE.
9. ADDED TERMINAL ROUTE: "FLAWR INT/I-GVL 6.59 DME TO IXBIQ/I-GVL 3.59 DME COURSE AND DISTANCE 044.00/3.0" - STEPDOWN FIX IXBIQ ADDED TO DECREASE MDA.
10. ADDED TERMINAL ROUTE: "IXBIQ/I-GVL 3.59 DME TO RW05 OMT/I-GVL 0.99 DME COURSE AND DISTANCE 044.00/2.60" - STEPDOWN FIX IXBIQ ADDED TO DECREASE MDA.
11. UPDATED LOCALIZER MISSED APPROACH POINT FROM "5.51 NM AFTER FLAWR/I-GVL 6.50 DME OR AT I-GVL 0.99 DME" TO "5.60 NM AFTER FLAWR INT/I-GVL 6.59 DME OR AT I-GVL 0.99 DME." - MOVED PFAF TO MAINTAIN 3 DEGREE GLIDE SLOPE.
12. UPDATED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 2000 THEN CLIMBING LEFT TURN TO 3100 DIRECT FKV NDB AND HOLD" TO "CLIMB TO 2000 THEN CLIMBING RIGHT TURN TO 3100 DIRECT AHN VOR/DME AND HOLD" - FKV NDB REMOVED FROM PROCEDURE.
13. REMOVED ALTERNATE MISSED APPROACH - USED AS PRIMARY MISSED/FKV NDB REMOVED FROM PROCEDURE.
14. PROFILE LINE 1: DELETED PROCEDURE; TURN RIGHT, SIDE OF COURSE; 224.01, OUTBOUND; 3100, FT WITHIN; 10, MILES OF; FKV NDB (IAF) AND ASSOCIATED NOTES - FKV NDB REMOVED FROM PROCEDURE.
15. PROFILE LINE 2: ADDED "PROFILE STARTS AT IYULU - IAW 8260.19I PARA 8-6-7.B (3) (A).
16. PROFILE LINE 4: UPDATED FROM "FLAWR/6.50 DME 3100" TO "IYULU/I-GVL 12.99 DME 3100, FLAWR/I-GVL 6.59 DME 3100, IXBIQ/I-GVL 3.59 DME 2140" - MOVED PFAF TO MAINTAIN 3 DEGREE GLIDE SLOPE AND ADDED STEPDOWN FIX TO DECREASE MDA.
17. PROFILE LINE 3: CHANGED FROM "FAC: 044.01, FAF: FLAWR/6.50 DME, DIST FAF TO MAP: 5.51, DIST FAF TO THLD: 5.51" TO "FAC: 044.00, FAF: FLAWR/6.59 DME, DIST FAF TO MAP: 5.60, DIST FAF TO THLD: 5.60" - MOVED PFAF TO MAINTAIN 3 DEGREE GLIDE SLOPE
18. PROFILE LINE 8: CHANGED FROM "MSA FROM: FKV NDB 360-090 4400, 090-270 3700, 270-360 5000" TO "MSA FROM: KGV 5600 - FKV NDB REMOVED FROM PROCEDURE.
19. EQUIPMENT REQUIREMENTS NOTES: REMOVED ADF REQUIRED AND ADF OR DME REQUIRED FOR PROCEDURE ENTRY - FKV NDB REMOVED FROM PROCEDURE.
20. DELETED CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED - NO 34:1 PENETRATIONS EXIST.
21. REMOVED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT LOGEN ON V222-325 SOUTHWEST BOUND." - LOGEN INT REMOVED FROM PROCEDURE.
22. REMOVED BACKUP ALTIMETER AND ASSOCIATED NOTES - UPDATED AND MOVED TO 8260-9 PART C FOR CONTINGENCY USE.
23. CHANGED ADDITIONAL FLIGHT DATA FROM "CHART 1629 TOWER 341128N/0835358W" TO "CHART 1625 TOWER 341128N/0835358W" - NEW 7:1 OBSTACLE.
24. REMOVED ADDITIONAL FLIGHT DATA "DO NOT CHART ALTERNATE MISSED APPROACH HOLDING AT AHN VOR/DME" - ALTERNATE MISSED APPROACH PROCEDURE REMOVED FROM PROCEDURE.
25. CHANGED ADDITIONAL FLIGHT DATA FROM "CHART VDP AT 2.17 DME" TO "CHART VDP 2.04 DME" - DECREASED LOC MDA.
26. CHANGED ADDITIONAL FLIGHT DATA FROM "DISTANCE VDP TO THLD 1.18 NM" TO "DISTANCE VDP TO THLD 1.05 NM" - DECREASED LOC MDA.
27. DELETED ADDITIONAL FLIGHT DATA * LOC ONLY NOTE - NO LONGER REQUIRED IAW 8260.19I PARA 1-1-5.F (12).
28. CHANGED ADDITIONAL FLIGHT DATA FROM: "CHART FAS OBST: 1419 TREE 341250N/0835247W." TO "CHART FAS OBST: 1383 TREE (13-112826) 41526N/0835040W" - NEW CONTROLLING OBSTACLE.
29. CHANGED ADDITIONAL FLIGHT DATA FROM: "HOLD SW, LT, 044.01 INBOUND" TO "HOLD SE, RT, 313.00 INBOUND" - MISSED APPROACH HOLDING CHANGED/FKV NDB REMOVED FROM PROCEDURE.
30. CHANGED S-ILS 05 VISIBILITY ALL CATS FROM "3/4 SM" TO "1/2 SM" - 34:1 PENETRATIONS NO LONGER EXIST.
31. CHANGED S-LOC 05 ALL CATS MDA/HAT FROM "1680/405" TO "1640/485," VISIBILITY CATS A/B FROM "1 SM" TO "1/2 SM", AND CATS C/D FROM "1 1/4 SM" TO "5/8 SM" - NEW CONTROLLING OBSTACLE/34:1 PENETRATIONS NO LONGER EXIST.
32. CHANGED CIRCLING MDA/HAA CAT A FROM "1880/603" TO 1780/503" AND CAT D FROM "2060/783" TO "2020/743" - NEW CONTROLLING OBSTACLE.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, ATLANTA APP CON, AMGR

Digitally signed by

FLIGHT CHECKED BY

JASON KRETSCHMER

OFFICE

DATE

ERIC L GEYER

Nov 28, 2022

FPO

11/21/2022

Digitally signed by

DEVELOPED BY

JASON KRETSCHMER

OFFICE

DATE

ALLAN WILL (PHILLIP T. HILL01)

Oct 24, 2022

AJV-A423

07/15/2022

APPROVED BY

JASON KRETSCHMER

OFFICE

DATE

MARLON ROBINSON

Oct 24, 2022

AJV-A420

QUALITY
16
CHECKED
MANAGER