

**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> KLZU	<u>PROCEDURE NAME</u> ILS OR LOC RWY 25	<u>ORIGINAL/AMENDMENT</u> 3	<u>CITY</u> LAWRENCEVILLE	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 1062	<u>TDZE</u> 1038	<u>SUPERSEDED</u> ILS OR LOC RWY 25	<u>ORIGINAL/AMENDMENT</u> 2D	<u>DATED</u> 05/21/2020	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> TXP	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<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>
WOMAC		GWNET LOM	FAF/IAF				167.07	6.99	3700
ONLY INT		GWNET LOM	FAF/IAF				260.55	9.47	3100

MISSED APPROACH

MAP:
ILS: DA
LOC: 5.07 NM AFTER GWNET LOM

MISSED APPROACH INSTRUCTIONS:
CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 3100 DIRECT GWNET LOM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT R SIDE OF COURSE 068.69 OUTBOUND 3000 FT WITHIN 10 MILES OF GWNET LOM (IAF)

2.

3. FAC: 248.69 FAF: GWNET LOM DIST FAF TO MAP: 5.07 DIST FAF TO THLD: 5.07

4. MIN ALT: GWNET LOM 2800

5. DIST TO THLD FROM OM: 5.07 MM: IM: 150 HAT: GS ANT: 911

6. MIN GS INCPT: 2800 GS ALT AT FAF : OM: 2717 MM: IM:

7. GP ANGLE: 3.00 34:1 20:1 TCH: 48.0

8. MSA FROM: GWNET LOM 3700



EQUIPMENT REQUIREMENTS NOTES:

ADF OR RADAR REQUIRED.

NOTES:

CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 25 CAT C/D VISIBILITY TO 1 3/8 SM.

ADDITIONAL FLIGHT DATA:

CHART: MAX 6000 AT GWNET LOM.
1260 AAO 340123N/0835245W.
HOLD NE, LT, 246.00 INBOUND.
FAS OBST: 1240 AAO 340054N/0835324W.
CHART CIRCLING ICON.

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.; LOC: STANDARD - 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 25	1238	1/2	200	1238	1/2	200	1238	1/2	200	1238	1/2	200			
S-LOC 25	1500	1/2	462	1500	1/2	462	1500	1	462	1500	1	462			
CIRCLING	1640	1	578	1640	1	578	1680	1 3/4	618	1700	2	638			

CHANGES - REASONS

1. REMOVED SEGMENT FROM PDK VOR/DME TO GWNET LOM/INT/PDK 23.42 DME - PDK VOR/DME BEING DECOMMISSIONED.
2. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 1800 THEN CLIMBING LEFT TURN TO 3000 DIRECT GWNET LOM AND HOLD" TO "CLIMB TO 2400 THEN CLIMBING LEFT TURN TO 3100 DIRECT GWNET LOM AND HOLD" - RAISING CLIMB TO ALTITUDE TO AVOID CLIMB-IN-HOLD, NEW OBSTACLE EVALUATION.
3. REMOVED ALTERNATE MISSED APPROACH - PDK VOR/DME BEING DECOMMISSIONED.
4. ALL INSTANCES OF "GWNET LOM/INT/PDK 23.42 DME" CHANGED TO "GWNET LOM" - PDK VOR/DME BEING DECOMMISSIONED.
5. REMOVED "CHART PLANVIEW NOTE: ADF OR RADAR REQUIRED" AND ADDED "ADF OR RADAR REQUIRED" TO EQUIPMENT REQUIREMENTS NOTES.
6. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINDER ALTIMETER SETTING AND INCREASE ALL DA 51 FT, AND ALL MDA 60 FT, INCREASE S-LOC 25 CAT C/D AND CIRCLING CAT C/D VISIBILITY 1/4 MILE" - MOVED TO PART C REMARKS FOR CONTINGENCY PURPOSES.
7. CHANGED "FAS OBST: 1279 AAO 340123N/0835234W" TO "FAS OBST: 1240 AAO 340054N/0835324W" IN ADDITIONAL FLIGHT DATA - NEW S-LOC 25 CONTROLLING OBSTACLE.
8. REMOVED "CHART IN PLANVIEW: (CFBLR) AT 340351.21N/0834517.63W" FROM ADDITIONAL FLIGHT DATA - NO LONGER REQUIRED FOR CODING.
9. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA
10. CHANGED S-LOC 25 MDA/HAT FROM 1540/502 TO 1500/462 - NEW CONTROLLING OBSTACLE.
11. CHANGED CIRCLING CAT C MDA/HAA FROM 1640/578 TO 1680/618 - EXPANDED CIRCLING AREAS APPLIED.
12. CHANGED CIRCLING VISIBILITY CAT C FROM 1 1/2 SM TO 1 3/4 SM - NEW MDA/HAA, 8260.3D TABLE 3-3-7.
13. REMOVED CHART NOTE "FOR INOPERATIVE MALSR, WHEN USING WINDER ALTIMETER SETTING INCREASE S-ILS 25 ALL CATS VISIBILITY TO 7/8 MILE" - NO LONGER NEEDED IAW 8260.3D TABLE 3-3-1 AND INOPERATIVE COMPONENTS AND VISUAL AIDS TABLE.
14. ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 25 CAT C/D VISIBILITY TO 1 3/8 SM - 8260.3D TABLE 3-3-1 AND INOPERATIVE COMPONENTS AND VISUAL AIDS TABLE.
15. COURSE/DISTANCE FROM WOMAC TO GWNET LOM CHANGED FROM 167.06/6.95 TO 167.07/6.99 - PER TARGETS EVALUATION.
16. COURSE/DISTANCE FROM CONLY INT TO GWNET LOM CHANGED FROM 260.53/9.48 TO 260.55/9.47 - PER TARGETS EVALUATION.



COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ATL APP CON, ZTL ARTCC, LZU ATCT, LZU AMGR

FLIGHT CHECKED BY

ROBERT E WILLIAMS

Digitally signed by

JOHN BORDY

May 10, 2021

OFFICE

FICO

DATE

05/06/2021

DEVELOPED BY

ANTHONY CAPPABIANCO

Digitally signed by

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Nov 23, 2020

OFFICE

AJV-A422

DATE

11/02/2020

APPROVED BY

MARLON ROBINSON

Digitally signed by

JOHN BORDY

May 10, 2021

OFFICE

AJV-A420

DATE

TITLE
MANAGER

QUALITY
10
CHECKED

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>AIRPORT ID</u> KLZU	<u>PROCEDURE NAME</u> ILS OR LOC RWY 25	<u>AMDT NO.</u> 3	<u>CITY</u> LAWRENCEVILLE	<u>STATE</u> GA	<u>AIRPORT ELEVATION</u> 1062	<u>FACILITY</u> TXP
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
WOMAC

TO
GWNET LOM

<u>RNP</u>	<u>DISTANCE</u> 6.99	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (13-001170)	340732.00N/0835132.00W		2654	50	20	2C	1000					3700
TERRAIN	340645.00N/0835809.00W		1256 (1300)								AS1500	2800

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FEEDER

FROM
ONLY INT

TO
GWNET LOM

<u>RNP</u>	<u>DISTANCE</u> 9.47	<u>PAT</u>	<u>MAP</u>	<u>HAT</u>	<u>HMAS</u>							
<u>OBSTRUCTION</u>	<u>COORDINATES</u>		<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (13-001170)	340732.00N/0835132.00W		2654	50	20	2C	1000				SA-600	3100
TERRAIN	340248.00N/0835215.00W		1141 (1100)								AS1500	2600

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



INTERMEDIATE: PT

FROM
10 NM

TO
GWNET LOM

RNP	DISTANCE 10.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-022392)	340211.50N/0834837.70W		1405	50	20	2C	500					2000
TERRAIN	340100.00N/0834754.00W		1059 (1100)								AS1500 AT200	2800

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:

FINAL: ILS

FROM
GP INTCP

TO
RW25

RNP	DISTANCE 5.40	PAT	MAP DA	HAT 200			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				1238

COMPUTATIONS												
ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE	

SEGMENT REMARKS:



FINAL: LOC

FROM
GWNET LOM

TO
5.07 NM AFTER GWNET LOM

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
	5.07		5.07 NM AFTER GWNET LOM	462								
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
AAO	340054.45N/0835324.12W	1240	50	20	2C	250					1500	

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

ENTRY ZONE

FROM
GWNET LOM

TO
10 NM

RNP	DISTANCE	PAT	MAP	HAT	HMAS							
OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT	
AAO	340233.00N/0835245.00W	1395	164	98	4E	1000				AT605	3000	
TERRAIN	340233.00N/0835245.00W	1195 (1200)								AS1500	2700	

COMPUTATIONS	ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:



PROCEDURE TURN

FROM
GWNET LOM

TO
10 NM

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-001170)	340732.00N/0835132.00W		2654	50	20	2C	1000				SA-908 AT254	3000
TERRAIN	340248.00N/0835218.00W		1158 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH : ILS

FROM
DA

TO
GWNET LOM

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1070					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3100
TOWER (13-002963)	335551.29N/0834659.34W		1895	50	20	2C	1000					2900
TERRAIN	340651.00N/0835809.00W		1266 (1300)								AS1500	2800

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LOC

FROM

5.07 NM AFTER GWNET LOM

TO

GWNET LOM

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1250					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3100
TOWER (13-002963)	335551.29N/0834659.34W		1895	50	20	2C	1000					2900
TERRAIN	340651.00N/0835809.00W		1266 (1300)								AS1500	2800

COMPUTATIONS

ALT	KIAS	KTAS	HAA	VKTW	TR	BA	DTA	COURSE CHANGE	DVEB	VEB OCS	RF CENTER FIX/DISTANCE
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SEGMENT REMARKS:

CIRCLING ☐ ALL CATS ☒ CAT A ☒ CAT B ☒ CAT C ☒ CAT D ☐ CAT E ☐ NOT AUTHORIZED

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
TOWER (13-002643)	335748.00N/0835832.00W	1.30	578	1330	50	20	2C	300			1640
CATEGORY B											
TOWER (13-002643)	335748.00N/0835832.00W	1.84	578	1330	50	20	2C	300			1640
CATEGORY C											
TOWER (13-000458)	335639.21N/0835740.42W	2.90	618	1379	20	3	1A	300			1680
CATEGORY D											
AAO	340212.28N/0835737.69W	3.79	638	1400	50	20	2C	300			1700

CIRCLING REMARKS:



MSA

CENTER

GWNET LOM

RADIUS

25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	TWR (13-001170)	340732.00N/0835132.00W	007	06.3	2654	50	20	2C	1000			3700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ATL APP CON

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KLZU	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KLZU	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS-3	<u>LOCATION</u> KWDR	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KWDR	<u>DISTANCE</u> 14.69	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 51

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KLZU 1062, KWDR 943
RA = 50.5

<u>PRIMARY NAVAID</u> TXP ILS	<u>MONITOR POINT</u> ATL APP CON	<u>HRS OPERATION</u> 24	<u>CAT</u> 1
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<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>
RW07 - HIRL (PCL), PAPI-2L	PIR-G	
RW25 - MALSR (PCL), HIRL (PCL), PAPI-2L	PIR-G	

<u>GLIDESLOPE ANGLE</u> 3.00	<u>ELEV RWY THRESHOLD</u> 1031.1	<u>TCH</u> 48.0	<u>ELEV GS ANTENNA</u> 1029.5	<u>DISTANCE FROM RWY</u> 911	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 48.2
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☒	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☒	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or
5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS



PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - FINAL FACILITY DOES NOT HAVE DME.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION PER FPT.

FOR CONTINGENCY PURPOSES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINDER ALTIMETER SETTING AND INCREASE S-ILS 25 DA TO 1289 FT, AND ALL MDA 60 FT, INCREASE CIRCLING CAT C/D VISIBILITY 1/4 SM.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1260 AAO 340123N/0835245W.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KLZU	PROCEDURE NAME ILS OR LOC RWY 25	AMDT NO. 3	CITY LAWRENCEVILLE	STATE GA	AIRPORT ELEVATION 1062	FACILITY TXP
PART D: AIRSPACE						
DOCKET #						
ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE						
DISTANCE FROM	THLD	TO 1000FT POINT	3.21			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	0.91			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	243.69			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100			
DISTANCE FROM	THLD	TO 1500FT POINT	4.78			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.25			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	243.69			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100			
THRESHOLD COORDINATES (IF STR-IN)	335854.25N/0835712.58W					
ARP COORDINATES	335841.07N/0835744.56W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 25 DISTANCE 0.49 NM					
FAF COORDINATES	340109.14N/0835144.66W					
FIX NAME COORDINATES						
REMARKS						

QUALITY
10
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

<u>NAME</u> ANTHONY CAPPABIANCO	<u>OFFICE</u> AJV-A422	<u>DATE</u> 11/02/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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