

FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33

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> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LAWRENCEVILLE	<u>STATE</u> GA		
<u>AIRPORT ELEVATION</u> 1062	<u>TDZE</u> 1061	<u>SUPERSEDED</u> RNAV (GPS) RWY 7	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>DATED</u> 08/17/2017	<u>MAG VAR</u> 5W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<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>
BLEWW		CULTO		TF	FB	1.00	087.01	6.76	4100
CULTO	IAF	BOCBA		TF	FB	1.00	138.61	8.30	3000
HOTKA	IAF	BOCBA		TF	FB	1.00	018.66	6.00	3000
BOCBA	IF	CURAP		TF	FB	1.00	068.56	6.01	2800
CURAP	FAF	RW07	MAP	TF	FO	0.30	068.63	5.29	
RW07	MAP	1462 MSL		CA			068.63		
1462 MSL		JOKLI		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW07
LNAV: RW07

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JOKLI AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT BOCBA

3. FAF: 068.63

FAF: CURAP

DIST FAF TO MAP: 5.29

DIST FAF TO THLD: 5.29

4. MIN ALT: BOCBA 3000, CURAP 2800

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAT:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1: IS NOT CLEAR

20:1: IS CLEAR

TCH:

8. MSA FROM: RW07 3700

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 7 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 NOT AUTHORIZED.
CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BLEWW ON T319 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 248.81 INBOUND.
CHART FAS OBST: 1330 TOWER 335748N/0835832W, 1268 TOWER 335816N/0835916W.
CHART VDP AT 1.31 NM TO RW07.
WAAS CHANNEL # 97621
REFERENCE PATH ID: W07A
CHART CIRCLING ICON.
CURAP TO RW07: 3.00/55.
LTP HAE: 293.9 M

MINIMUMS:

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

ALTERNATE: NA ☐ 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
LP MDA	1520	1	459	1520	1	459	1520	1 3/8	459	1520	1 3/8	459			
LNAV MDA	1580	1	519	1580	1	519	1580	1 3/8	519	1580	1 3/8	519			
CIRCLING	1640	1	578	1640	1	578	1680	1 3/4	618	1700	2	638			



CHANGES - REASONS

1. REMOVED FEEDER FROM DLUTH TO CULTO - ATC REQUEST.
2. REMOVED INITIAL FROM PDK VOR/DME - PDK BEING DECOMMISSIONED.
3. ADDED FEEDER FROM BLEWW TO CULTO - ATC REQUEST.
4. CHANGED COURSE FROM BOCBA TO CURAP FROM 068.57 TO 068.56 - CURAP MOVED 3.16 FT NE TO ALIGN STRAIGHT IN.
5. REMOVED "CHART NOTE: DME/DME RNP -0.3 NA" AND ADDED "RNP APCH" TO PBN REQUIREMENTS NOTES - 8260.19H 8-6-8.B.
6. REMOVED "CHART PROFILE NOTE: PROCEDURE NA FOR ARRIVALS ON PDK VOR/DME RADIALS 357 CW 177" - PDK INITIAL REMOVED.
7. REMOVED "CHART PROFILE NOTE: RADAR REQUIRED FOR ARRIVALS AT HOTKA" - RNAV APPROACH, FIX ALWAYS RECEIVED.
8. REMOVED "CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINDER ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND LNAV AND CIRCLING CATS C/D VISIBILITY 1/4 MILE" - MOVED TO PART C REMARKS FOR CONTINGENCY PURPOSES.
9. FAS OBST CHANGED FROM "1268 MAST 335816N/0835916W" TO "1268 TOWER 335816N/0835916W" - NEW LP CONTROLLER.
10. ADDED "CHART VDP AT 1.31 NM TO RW07" TO ADDITIONAL FLIGHT DATA - PUBLISHABLE IAW 8260.3D 2-6-5.
11. ADDED "CHART CIRCLING ICON" TO ADDITIONAL FLIGHT DATA - 8260.19H 8-6-10.T.
12. CHANGED CIRCLING CAT C VISIBILITY FROM 1 1/2 SM TO 1 3/4 SM - 8260.3D TABLE 3-3-7.
13. ADDED "CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BLEWW ON T319 SOUTHBOUND" - NEW FEEDER FROM BLEWW.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JAMES HERRINGTON

*Digitally signed by***JOHN BORDY**

May 10, 2021

OFFICE

FICO

DATE

12/23/2020

DEVELOPED BY

ANTHONY CAPPABIANCO

*Digitally signed by***ANTHONY J CAPPABIANCO**

Nov 23, 2020

OFFICE

AJV-A422

DATE

10/23/2020

APPROVED BY

MARLON ROBINSON

*Digitally signed by***JOHN BORDY**

May 10, 2021

OFFICE

AJV-A420

DATE**TITLE**
MANAGER

QUALITY
10
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLZU
RUNWAY	RW07
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W07A
LTP/FTP LATITUDE	335827.9360N
LTP/FTP LONGITUDE	0835816.4490W
LTP/FTP ELLIPSOIDAL HEIGHT	+02939
FPAP LATITUDE	335907.5000N
FPAP LONGITUDE	0835640.4100W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0920
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	36A1B253

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+03234
FPAP ORTHOMETRIC HEIGHT	+03234



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

<u>AIRPORT ID</u> KLZU	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 7	<u>AMDT NO.</u> 1	<u>CITY</u> LAWRENCEVILLE	<u>STATE</u> GA	<u>AIRPORT ELEVATION</u> 1062	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

FEEDER

FROM
BLEWW

TO
CULTO

<u>RNP</u>	<u>DISTANCE</u> 6.76	<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 (13-003995)	335753.87N/0842207.04W		1436	500	50	5D	2000				AT664	4100
TERRAIN	340024.00N/0841718.00W		1135 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

INITIAL

FROM
CULTO

TO
BOCBA

<u>RNP</u>	<u>DISTANCE</u> 8.30	<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 (13-002278)	335501.40N/0841206.00W		1590	50	20	2C	1000				AT410	3000
TERRAIN	340042.00N/0841700.00W		1131 (1100)								AS1500	2600

COMPUTATIONS

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

SEGMENT REMARKS:

QUALITY
10
CHECKED

INITIAL

FROM
HOTKA

TO
BOCBA

RNP	DISTANCE 6.00	PAT	MAP	HAT			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	334836.00N/0840924.00W		1362	164	98	4E	1000				AT638	3000
TERRAIN	334836.00N/0840924.00W		1162 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE

FROM
BOCBA

TO
CURAP

<u>RNP</u>	<u>DISTANCE</u> 6.01	<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 (13-002278)	335501.40N/0841206.00W		1590	50	20	2C	500				SA-50 AT760	2800
TERRAIN	335200.00N/0840854.00W		1092 (1100)								AS1500	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LP

FROM

CURAP

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.29		RW07	459								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-001237)	335816.00N/0835916.00W		1268	20	3	1A	250					1520

COMPUTATIONS

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

FINAL: LNAV

FROM

CURAP

TO

RW07

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	5.29		RW07	519								
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (13-002643)	335748.00N/0835832.00W		1330	50	20	2C	250					1580

COMPUTATIONS

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



MISSED APPROACH : LP

FROM

RW07

TO

JOKLI

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1420					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (13-022392)	340211.50N/0834837.70W		1405	50	20	2C	1000					2500
TERRAIN	340233.00N/0835245.00W		1194 (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 : LNAV

FROM

RW07

TO

JOKLI

RNP	DISTANCE	PAT	MAP	HAT			HMAS 1480					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3000
TOWER (13-022392)	340211.50N/0834837.70W		1405	50	20	2C	1000					2500
TERRAIN	340233.00N/0835245.00W		1194 (1200)								AS1500	2700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



AIRPORT ID

KLZU

PROCEDURE NAME

RNAV (GPS) RWY 7

AMDT NO.

1

CITY

LAWRENCEVILLE

STATE

GA

AIRPORT ELEVATION

1062

FACILITY

RNAV

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
RW07

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	037	10.6	2654	50	20	2C	1000			3700

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

TAA, LPV AND LNAV/VNAV NOT DEVELOPED PER FPT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ATL APP CON, ZTL ARTCC

<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>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<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>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u> 3.00	<u>TCH</u> 40.6
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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

Final Type	LP AND LNAV		
34:1			
1166 TREE (13-023318) 335816.64N/0835845.03W (32.53)		1159 TOWER (13-021502) 335821.23N/0835845.23W (31.14)	
1159 TREE (13-023316) 335815.11N/0835842.82W (28.42)		1129 POLE (13-021500) 335818.89N/0835832.05W (27.32)	
1151 POLE (13-021497) 335812.46N/0835840.79W (21.44)		1110 POLE (13-021501) 335822.34N/0835831.15W (14.87)	

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

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

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

100 FT VEGETATION PER FPT.

FOR CONTINGENCY PURPOSES:
WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE WINDER ALTIMETER SETTING AND INCREASE ALL MDA 60 FT AND CIRCLING CAT C/D VISIBILITY 1/4 SM.
VDP NA WHEN USING WINDER ALTIMETER SETTING.

ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



AIRPORT ID KLZU	PROCEDURE NAME RNAV (GPS) RWY 7	AMDT NO. 1	CITY LAWRENCEVILLE	STATE GA	AIRPORT ELEVATION 1062	FACILITY RNAV
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	2.96			
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	63.63			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1100			
DISTANCE FROM	THLD	TO 1500FT POINT	4.89			
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76			
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	63.63			
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	1100			
THRESHOLD COORDINATES (IF STR-IN)	335827.94N/0835816.45W					
ARP COORDINATES	335841.07N/0835744.56W					
RUNWAY APCH END AND DIST FURTHEST FROM ARP	RUNWAY 25 DISTANCE 0.49 NM					
FAF COORDINATES	335606.90N/0840358.25W					
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> 10/23/2020	<u>TITLE</u> AERONAUTICAL INFORMATION SPECIALIST
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