

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</u> LAGRANGE-CALLAWAY	<u>AIRPORT ID</u> KLGC	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LAGRANGE	<u>STATE</u> GA
<u>AIRPORT ELEVATION</u> 694	<u>TDZE</u> 688	<u>SUPERSEDED</u> RNAV (GPS) RWY 13	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 06/03/2010	<u>MAG VAR</u> 4W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> 12/5/2019	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2010

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 041/30 CW 221/30	NOPT	041/10 CW 221/10		4000
2. 041/10 CW 221/10		WERTU	IF/IAF	3500
3. 221/30 CW 041/30		WERTU	IAF	3800

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>
WERTU	IF/IAF	OSDOW		TF	FB	1.00	130.59	6.76	2400
OSDOW	FAF	JEPNU/1.99 NM TO RW13		TF	FB	0.30	130.66	3.26	
JEPNU/1.99 NM TO RW13		RW13	MAP	TF	FO	0.30	130.66	1.99	
RW13	MAP	1094 MSL		CA			130.66		
1094 MSL		WAGUS		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LP: RW13
 LNAV: RW13

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT WAGUS AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
10
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD NW WERTU, RT, 130.59 INBOUND, 3500 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 130.66FAF: OSDOWDIST FAF TO MAP: 5.25DIST FAF TO THLD: 5.25

4. MIN ALT: WERTU 3500, OSDOW 2400, JEPNU/1.99 NM TO RW13 1360

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 CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 13 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LP AND LNAV CATS A AND B.
CHART NOTE: STRAIGHT-IN, CIRCLING RWY 13 NA AT NIGHT, CIRCLING RWY 21 NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
OSDOW TO RW13: 3.00/40.8.
WAAS CHANNEL #40416
REFERENCE PATH ID: W13A
CHART FAS OBST: 891 TREE 330133N/0850545W.
HOLD SE, LT, 310.82 INBOUND
LTP HAE: 180.5 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 900-2 1/2, CAT D 1000-3

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	1160	1	472	1160	1	472	1160	1 1/4	472	1160	1 1/4	472			
LNAV MDA	1160	1	472	1160	1	472	1160	1 1/4	472	1160	1 1/4	472			
CIRCLING	1280	1	586	1280	1	586	1540	2 1/2	846	1600	3	906			



CHANGES - REASONS

1. DELETED LPV AND LNAV/VNAV LINES OF MINIMA - VGS PENETRATIONS EXIST.
2. ADDED LP MINIMA - ADDED DUE TO REMOVAL OF LPV AND LNAV/VNAV MINIMA.
3. CHANGED LNAV MDA/HAT FROM 1140/459 TO 1160/472 AND CAT D VISIBILITY FROM 1 1/2 TO 1 1/4 - NEW CONTROLLING OBSTACLE AND NEW VIS CALC.
4. CHANGED CIRCLING CAT C MDA/HAA/VISIBILITY FROM 1280/586/1 1/2 TO 1540/846/2 1/2 AND CAT D FROM 1280/586/2 TO 1600/906/3 - NEW CIRCLING CRITERIA APPLIED. NEW CONTROLLING OBSTACLES AND NEW VIS CALC.
5. REMOVED CHART NOTE: DME/DME RNP-0.3 NA AND REPLACED WITH PBN REQUIREMENTS NOTE RNP APCH - IAW 8260.19H EQUIPMENT REQUIREMENTS NOTES.
6. ADDED 20:1 IS NOT CLEAR - 20:1 PENETRATIONS EXIST.
7. DELETED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F) - LNAV/VNAV MINIMA REMOVED.
8. UPDATED CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA TO RWY 3 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED - REQUIRED IAW 8260.19H PARA 8-6-11K (3).
9. DELETED CHART NOTE: VDP AND BARO-VNAV NA WHEN USING COLUMBUS ALTIMETER SETTING - VDP NOT ESTABLISHED 20:1 PENETRATIONS. LNAV/VNAV MINIMA REMOVED.
10. DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT TIROE ON V222 NORTHEAST BOUND, AND FOR ARRIVALS AT TIMMY ON V222 SOUTHWEST BOUND - FEEDERS REMOVED AND REPLACED WITH TAA.
11. DELETED TIMMY TO COVOL, TIROE TO OHOPA, COVOL TO WERTU, OHOPA TO WERTU FROM TERMINAL ROUTES - REPLACED WITH A TAA.
12. ADDED OSDOW TO RW13: 3.00/40.8 TO ADDITIONAL FLIGHT DATA - REQUIRED IAW 8260.19H PARA 8-6-10P(1).
13. UPDATED DISTANCE FAF TO MAP/THLD FROM 5.16 TO 5.25 - PFAF LOCATION MOVED.
14. ADDED CHART NOTE: STRAIGHT-IN, CIRCLING RWY 13 NA AT NIGHT, CIRCLING RWY 21 NA AT NIGHT - 20:1 PENETRATIONS EXIST.
15. ADDED CHART CIRCLING ICON UNDER ADDITIONAL FLIGHT DATA - UPDATED TO NEW CIRCLING CRITERIA.
16. DELETED NOTE: @ NA WHEN LOCAL WEATHER NOT AVAILABLE - NO LONGER REQUIRED IAW 8260.19H PARA 8-6-9F(4).
17. DELETED CHART PROFILE NOTE: VGS AND RNAV GLIDE PATH NOT COINCIDENT - PROCEDURE IS NOW COINCIDENT.
18. CHANGED FAC FROM 130.65 TO 130.66 - NEW SURVEY.
19. ADDED LTP HAE: 180.5 M TO ADDITIONAL FLIGHT DATA - FAS DATA BLOCK WAS BLANK. UPDATED WITH CURRENT DATA.
20. UPDATED CHART FAS OBSTACLE FROM 890 FT TO 891 FT - NEW SURVEY.
21. ADDED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LP AND LNAV CATS A AND B - IAW 8260.19H PARA 8-6-11O(3)(C).
22. FAS DATA BLOCK CHANGED AS FOLLOWS: LTP/FTP LAT/LONG FROM 330042.9525N/0850444.9810W TO 330048.2750N/0850453.4520W; ELLIPSOIDAL HEIGHT FROM +01783 TO +01805; FPAP LAT/LONG FROM 325949.5900N/0850320.0400W TO 325954.9065N/0850328.5180W; TCH FROM 52 TO 40.8; LENGTH OFFSET FROM 1040 TO 768; VAL FROM 50 TO 0; CRC REMAINDER FROM 957E6166 TO 694D392C - NEW SURVEY AND UPDATED TCH. FPAP CHANGED BASED OFF TARGETS CALCULATION.
23. ADDED MAX 6000 TO HOLD-IN-LIEU ON LINE 2 - IAW 8260.19H PARA 8-6-7B(2).
24. DELETED BACKUP ALTIMETER - MOVED TO -9 AS A CONTINGENCY NOTE.

COORDINATED WITH:

A4A

ALPA

X

AOPA

X

APA

HAI

NBAA

X

OTHER:

ZTL, ATL APP CON, AMGR, EASTERN FPT

FLIGHT CHECKED BY

PENDING

Digitally signed by

CASIMIR L TABAKA

May 07, 2019

OFFICE

DATE

DEVELOPED BY

ALLAN WILL (SHANE FOWLER)

OFFICE

AJV-A423

DATE

03/25/2019

Digitally signed by

ALLAN WILL

Apr 11, 2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by

ALLAN WILL

Apr 11, 2019

TITLE

MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLGC
RUNWAY	RW13
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W13A
LTP/FTP LATITUDE	330048.2750N
LTP/FTP LONGITUDE	0850453.4520W
LTP/FTP ELLIPSOIDAL HEIGHT	+01805
FPAP LATITUDE	325954.9065N
FPAP LONGITUDE	0850328.5180W
THRESHOLD CROSSING HEIGHT (TCH)	00040.8
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0768
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	0.0
CRC REMAINDER	694D392C

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02096
FPAP ORTHOMETRIC HEIGHT	+02096

