

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> LAURENS COUNTY	<u>AIRPORT ID</u> KLUX	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> LAURENS	<u>STATE</u> SC
<u>AIRPORT ELEVATION</u> 698	<u>TDZE</u> 698	<u>SUPERSEDED</u> RNAV (GPS) RWY 8	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/25/2017	<u>MAG VAR</u> 7W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 28 FEBRUARY 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2015

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 349/30 CW 119/30	NOPT	REINR	IF/IAF	3000
2. 119/30 CW 169/30	NOPT	119/25 CW 169/25		4600
3. 119/25 CW 169/25		REINR	IF/IAF	3000
4. 169/30 CW 259/30		169/19 CW 259/19		4600
5. 169/19 CW 259/19		SPIIN	IAF	3000
6. 259/30 CW 349/30		SRCLE	IAF	3000

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>
SPIIN	IAF	REINR	NOPT	TF	FB	1.00	169.23	8.00	3000
SRCLE	IAF	REINR	NOPT	TF	FB	1.00	349.28	8.00	3000
REINR	IF/IAF	AMFAB		TF	FB	1.00	079.25	8.00	2200
AMFAB	FAF	WIBOM/1.50 NM TO RW08		TF	FB	0.30	079.34	3.05	
WIBOM/1.50 NM TO RW08		RW08	MAP	TF	FO	0.30	079.34	1.50	
RW08	MAP	948 MSL		CA			079.34		
948 MSL		JOEEM		DF	FO	1.00			3000



MISSED APPROACH

MAP:
LPV: DA
LNAV/VNAV: DA
LNAV: RW08

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT JOEEM AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF (IAF)					
2.	HOLD W REINR, RT, 079.25 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.								
3. FAC:	079.34	FAF: AMFAB	DIST FAF TO MAP: 4.55	DIST FAF TO THLD: 4.55					
4. MIN ALT:	REINR 3000, AMFAB 2200, WIBOM/1.50 NM TO RW08 1220*								
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.62	GS ANT:				
6. MIN GP INCPT: 2200	GP ALT AT FAF : AMFAB 2200		OM:	MM:	IM:				
7. GP ANGLE: 3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 54.0						
8. MSA FROM:									

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 8 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
*LNAV ONLY

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
WAAS CHANNEL #72635
REFERENCE PATH ID: W08A
CHART FAS OBST: 822 TREE 343036N/0815727W.
912 AAO 342939N/0820306W.
HOLD E, RT, 259.54 INBOUND
LTP HAE: 182.1 M



MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD

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
LPV DA	948	3/4	250	948	3/4	250		NA			NA				
LNAV/VNAV DA	957	3/4	259	957	3/4	259		NA			NA				
LNAV MDA	1080	1	382	1080	1	382		NA			NA				
CIRCLING	1200	1	502	1200	1	502		NA			NA				

CHANGES - REASONS

- CHANGED CHART NOTE FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 54C (130F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C" - NEW NOTES FORMAT ELIMINATES THE REQUIREMENT FOR FAHRENHEIT VALUES.
- DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
- ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
- DELETED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED; USE GREENWOOD ALTIMETER SETTING AND INCREASE ALL DA 53 FEET AND ALL MDA 60 FEET; INCREASE LPV AND LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE - NOTE REMOVED AND PLACED ON BACK OF -9 FORM AS CONTINGENCY REMOTE ALTIMETER NOTE.
- LNAV/VNAV DA/HAT CHANGED FROM "958/260" TO "957/259" - NEW CONTROLLING OBSTACLE AND UPDATE TO TDZ ELEVATION.
- IF/IAF NAME CHANGED FROM "WUKRI" TO "REINR" AND DISTANCE FROM PFAF CHANGED FROM "5.10NM" TO "8.00NM" - ATC REQUESTED NAME CHANGE AND UPDATED DISTANCES TO MEET CURRENT STRAIGHT-IN CRITERIA.
- IAF NAME CHANGED FROM "ZUGIP" TO "SPIIN" AND DISTANCE FROM IF/IAF CHANGED FROM "7.00NM" TO "8.00NM" - ATC REQUESTED NAME CHANGE AND UPDATED DISTANCES TO MEET CURRENT TURNING CRITERIA (90 DEGREES).
- IAF NAME CHANGED FROM "JOPEB" TO "SRCLE" AND DISTANCE FROM IF/IAF CHANGED FROM "7.00NM" TO "8.00NM" - ATC REQUESTED NAME CHANGE AND UPDATED DISTANCES TO MEET CURRENT TURNING CRITERIA (90 DEGREES).
- CHANGED FAS OBST FROM "815 TREE 343040N/0815729W" TO "822 TREE 343036N/0815727W" - NEW CONTROLLING OBSTACLE ON FINAL.
- ADDED "20:1 IS CLEAR" TO LINE 7 OF -3 FORM - IAW 8260.19H 8-6-7 (G(3)) FOR DOCUMENTING CLEAR SLOPES FOR RNAV PROCEDURE.
- ADDED MAXIMUM ALTITUDE "6000" TO IF/IAF (REINR) - NEW REPORTS FORMAT NOW INCLUDES MAXIMUM HOLDING AT HOLD-IN-LIEU FIXES.
- CRC REMAINDER CHANGED FROM "5174E289" TO "FDCFF98E" - CHANGE TO LTP/FTP AND PFAF LAT. AND LONG. COORDINATES AND SLIGHT CHANGE TO LTP/FRAP ORTHOMETRIC HEIGHTS.
- ADDED ADDITIONAL FLIGHT DATA NOTE: CHART CIRCLING ICON - NOTE IS REQUIRED TO SHOW NEW CIRCLING CRITERIA DIMENSIONS.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZTL, GSP APP CONTROL, AIRPORT MANAGER

FLIGHT CHECKED BY

KEVIN RIESE

Digitally signed by
DAVID TEFFETELLER
Dec 27, 2018

OFFICE

FICO

DATE

12/18/18

DEVELOPED BY

JAMES LAFFERTY

Digitally signed by
JAMES LAFFERTY

OFFICE

AJV-5433

DATE

10/04/2018

APPROVED BY

PATRICK MULQUEEN

Oct 26, 2018

Digitally signed by
DAVID TEFFETELLER
Dec 27, 2018

OFFICE

AJV-5430

DATE

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KLUX
RUNWAY	RW08
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W08A
LTP/FTP LATITUDE	343019.5375N
LTP/FTP LONGITUDE	0815712.0795W
LTP/FTP ELLIPSOIDAL HEIGHT	+01821
FPAP LATITUDE	343046.5260N
FPAP LONGITUDE	0815529.3100W
THRESHOLD CROSSING HEIGHT (TCH)	00054.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1512
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 FDCFF98E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+02125
FPAP ORTHOMETRIC HEIGHT	+02125

