

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 26 | <u>ORIGINAL/AMENDMENT</u> 1 | <u>CITY</u> LAURENS | <u>STATE</u> SC |
| <u>AIRPORT ELEVATION</u> 698 | <u>TDZE</u> 696 | <u>SUPERSEDED</u> RNAV (GPS) RWY 26 | <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. 170/30 CW 350/30 | NOPT | JOEEM | IF/IAF | 3000 |
| 2. 350/30 CW 080/30 | | EECEE | IAF | 3000 |
| 3. 080/30 CW 170/30 | | 080/24 CW 170/24 | | 3900 |
| 3. 080/24 CW 170/24 | | TEEAR | 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> |
|--------------------|------------------------|------------------|------------------------|------------------------|---------------------|-------------------|----------------------|------------------------|------------------------|
| EECEE | IAF | JOEEM | NOPT | TF | FB | 1.00 | 349.56 | 8.00 | 3000 |
| TEEAR | IAF | JOEEM | NOPT | TF | FB | 1.00 | 169.51 | 8.00 | 3000 |
| JOEEM | IF/IAF | EGADE | | TF | FB | 1.00 | 259.54 | 8.00 | 2200 |
| EGADE | PFAF | RW26 | MAP | TF | FO | 0.30 | 259.45 | 4.61 | |
| RW26 | MAP | 1098 MSL | | CA | | | 259.45 | | |
| 1098 MSL | | REINR | | DF | FO | 1.00 | | | 3000 |

MISSED APPROACH

MAP:

LP: RW26
 LNAV: RW26

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT REINR AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)

2. HOLD E JOEEM, RT, 259.54 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.

3. FAC: 259.45

FAF: EGADE

DIST FAF TO MAP: 4.61

DIST FAF TO THLD: 4.61

4. MIN ALT: JOEEM 3000, EGADE 2200

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:

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: RWY 26 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
EGADE TO RW26: 3.00/39.40.
CHART VDP AT 1.28 NM TO RW26
WAAS CHANNEL #81935
REFERENCE PATH ID: W26A
CHART FAS OBST: 906 TOWER 343137N/0815350W.
CHART: 1073 TOWER 343058N/0815116W.
HOLD W, RT, 079.25 INBOUND
LTP HAE: 180.8 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 |
| LP MDA | 1160 | 1 | 464 | 1160 | 1 | 464 | | NA | | | NA | | | | |
| LNAV MDA | 1160 | 1 | 464 | 1160 | 1 | 464 | | NA | | | NA | | | | |
| CIRCLING | 1200 | 1 | 502 | 1200 | 1 | 502 | | NA | | | NA | | | | |



CHANGES - REASONS

1. DELETED CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE GREENWOOD ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET - NOTE REMOVED AND MOVED TO BACK OF -9 FORM AS CONTINGENCY REMOTE ALTIMETER NOTE.
2. DELETED CHART NOTE: DME/DME RNP-0.3 NA - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
3. DELETED SDF (ARGEE) - COULD NOT PROVIDE AT LEAST A 60 FOOT DECREASE IN MDA WITH SDF FOR BOTH PROCEDURES. ONLY A 20 FOOT DECREASE COULD BE ACHIEVED FOR THE LNAV PORTION.
4. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 3000 DIRECT WUKRI AND HOLD" TO "CLIMB TO 3000 DIRECT REINR AND HOLD" - MISSED APPROACH HOLDING FIX NAME CHANGED AT ATC REQUEST.
5. DELETED PROFILE NOTE: VISUAL SEGMENT - OBSTACLES - VG SURVEY ACCOMPLISHED FOR AIRFIELD, NO 20:1 PENETRATIONS FOUND.
6. ADDED PBN REQUIREMENTS NOTE: RNP APCH - IAW 8260.19H 8-6-8 (B(1)) PBN NAVSPEC.
7. CHANGED LP MDA/HAT FROM "1060/364" TO "1160/464" - SDF WAS REMOVED DUE TO INABILITY TO ACHIEVE AT LEAST A 60 FOOT DIFFERENCE IN MDA FOR THE LNAV PORTION OF THE PROCEDURE.
8. CHANGED LNAV MDA/HAT FROM "1140/444" TO "1160/464" - SDF REMOVED DUE TO INABILITY TO ACHIEVE AT LEAST A 60 FOOT DIFFERENCE IN MDA.
9. 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.
10. ADDED MAXIMUM ALTITUDE "6000" TO IF/IAF JOEEM - NEW REPORTS FORMAT NOW SHOWS MAXIMUM ALTITUDES AT HOLD-IN-LIEU FIXES.
11. ADDED ADDITIONAL FLIGHT DATA NOTE: CHART CIRCLING ICON - NOTE IS REQUIRED TO SHOW NEW CIRCLING CRITERIA DIMENSIONS.
12. ADDED ADDITIONAL FLIGHT DATA NOTE: EGADE TO RW26: 3.00/TCH 39.40 - VDA ANGLE AND TCH.
13. MOVED IF/IAF (JOEEM) FROM "5.10NM" TO "8.00NM" - MOVE TO MEET CRITERIA FOR TURNING AT A FB FIX.
14. MOVED IAF (EECEE) FROM "7.00NM" TO "8.00NM" - MOVE TO MEET CRITERIA DEALING WITH TURNS OF 90 DEGREES.
15. MOVED IAF (TEEAR) FROM "7.00NM" TO "8.00NM" - MOVE TO MEET CRITERIA DEALING WITH TURNS OF 90 DEGREES.
16. CHANGED INTERMEDIATE RNP FROM "0.50" TO "1.00" - UPDATED TO 8260.58A CHANGE 1 TABLE 1-2-1.
17. CRC REMAINDER CHANGED FROM "C46D0E02" TO "9BA5954B" - CHANGES TO LTP/FTP LAT./LONG, FRAP LAT./LONG AND LENGTH OFFSET.
18. ADDED VDP TO PROCEDURE - NO 20:1 PENETRATIONS FOUND FROM UPDATED SURVEY.
19. CHANGED FAS OBST FROM "809 TREE 343036N/0815521W, 886 TOWER 343131N/0815116W" TO "906 TOWER 343137N/0815350W" - NEW CONTROLLING OBSTACLE ON FINAL.

COORDINATED WITH:

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

FLIGHT CHECKED BY

JEFFREY ECKMAN

Digitally signed by
DAVID TEFFETELLER
Dec 27, 2018

OFFICE

FICO

DATE

12/26/2018

DEVELOPED BY

JAMES LAFFERTY

Digitally signed by
JAMES LAFFERTY
Oct 23, 2018

OFFICE

AJV-5433

DATE

10/04/2018

APPROVED BY

PATRICK MULQUEEN

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 | RW26 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W26A |
| LTP/FTP LATITUDE | 343031.6575N |
| LTP/FTP LONGITUDE | 0815625.9470W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +01808 |
| FPAP LATITUDE | 343004.6585N |
| FPAP LONGITUDE | 0815808.7070W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00039.4 |
| 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) | 0.0 |
| CRC REMAINDER | 9BA5954B |

ADDITIONAL PATH POINT RECORD INFORMATION

| | |
|-------------------------|--------|
| ICAO CODE | K7 |
| LTP ORTHOMETRIC HEIGHT | +02113 |
| FPAP ORTHOMETRIC HEIGHT | +02113 |

