

**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><b>AIRPORT</b></u><br>PIEDMONT TRIAD INTL | <u><b>AIRPORT ID</b></u><br>KGSO        | <u><b>PROCEDURE NAME</b></u><br>ILS OR LOC RWY 5R<br>ILS RWY 5R SA CAT II | <u><b>ORIGINAL/AMENDMENT</b></u><br>7C           | <u><b>CITY</b></u><br>GREENSBORO  | <u><b>STATE</b></u><br>NC        |
| <u><b>AIRPORT ELEVATION</b></u><br>926       | <u><b>TDZE</b></u><br>900               | <u><b>SUPERSEDED</b></u><br>ILS OR LOC RWY 5R<br>ILS RWY 5R CAT II        | <u><b>ORIGINAL/AMENDMENT</b></u><br>7B           | <u><b>DATED</b></u><br>04/05/2012 | <u><b>MAG VAR</b></u><br>8W      |
| <u><b>FACILITY</b></u><br>I-LZY              | <u><b>COORDINATES OF FACILITIES</b></u> | <u><b>ACTUAL EFFECTIVE DATE</b></u>                                       | <u><b>REQUIRED EFFECTIVE DATE</b></u><br>ROUTINE | <u><b>CANCEL/SUSPEND</b></u>      | <u><b>EPOCH YEAR</b></u><br>2010 |

**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> |
|-------------|-----------------|-----------------------------------|-----------------|-----------------|--------------|------------|---------------|-----------------|-----------------|
| LIB VORTAC  |                 | PAGAN INT/I-LZY 7.51<br>DME/RADAR |                 |                 |              |            | 305.31        | 23.98           | 3700            |
| GSO VORTAC  |                 | PAGAN INT/I-LZY 7.51<br>DME/RADAR |                 |                 |              |            | 247.00        | 2.85            | 2900            |

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 5.71 NM AFTER PAGAN INT/I-LZY 7.51 DME/RADAR OR AT I-LZY 1.80 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 139.45 AND GSO VORTAC R-108 TO KIMES INT/GSO 18.81 DME AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS (DO NOT CHART):**

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3700 DIRECT LIB VORTAC AND HOLD.

**PROFILE:**

1. PT L SIDE OF COURSE 233.99 OUTBOUND 2900 FT WITHIN 10 MILES OF PAGAN INT/RADAR (IAF)

2.

3. FAC: 053.99 FAF: PAGAN INT/I-LZY 7.51 DIST FAF TO MAP: 5.71 DIST FAF TO THLD: 5.71  
DME/RADAR

4. MIN ALT: PAGAN INT/I-LZY 7.51 DME/RADAR 2800

5. DIST TO THLD FROM OM: MM: IM: 100 HAT: 903.00 150 HAT: GS ANT: 1000

6. MIN GS INCPT: 2800 GS ALT AT FAF : PAGAN INT/I-LZY 7.51 DME/RADAR 2800 OM: MM: IM:

7. GP ANGLE: 3.00 34:1: 20:1: TCH: 53.2

8. MSA FROM: GSO VORTAC 4100

**EQUIPMENT REQUIREMENTS NOTES:**



NOTES:

SA CAT II ILS - SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION REQUIRED; S-ILS 5R: CAT A, B, C, D RA 122, RVR 1200, HAT 100, DA 1000 MSL.  
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.  
SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN.  
CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).  
CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 05R CAT C/D VISIBILITY TO RVR 6000.  
\*\*CHART NOTE: RVR 1800 AUTHORIZED WITH USE OF FD OR AP OR HUD TO DA.

ADDITIONAL FLIGHT DATA:

CHART: 1142 TOWER 360105N/0800324W.  
CHART LIB VORTAC 23.98 DME AT PAGAN.  
CHART (CFDXV) AT (355718.50N/0800703.19W).  
CHART CIRCLING ICON.  
CHART IN PLANVIEW: LIB VORTAC  
CHART VDP AT 2.91 DME\*  
DISTANCE VDP TO THLD 1.11 NM  
\* LOC ONLY  
CHART FAS OBST: 1051 TWR 360233N/0800108W.  
CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD NE LIB VORTAC, RT, 236.00 INBOUND.  
HOLD E, RT, 288.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ☐ ILS: STANDARD; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2

| 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 05R** | 1100   | 2400 | 200     | 1100   | 2400 | 200     | 1100   | 2400  | 200     | 1100   | 2400  | 200     |        |     |         |
| S-LOC 05R   | 1320   | 2400 | 420     | 1320   | 2400 | 420     | 1320   | 4000  | 420     | 1320   | 4000  | 420     |        |     |         |
| CIRCLING    | 1440   | 1    | 514     | 1440   | 1    | 514     | 1700   | 2 1/4 | 774     | 1700   | 2 1/2 | 774     |        |     |         |

CHANGES - REASONS

1. ADDED SA CAT II CHART NOTE: REDUCED LIGHTING: REQUIRES SPECIFIC OPSPEC, MSPEC, OR LOA APPROVAL AND USE OF AUTOLAND OR HUD TO TOUCHDOWN - IAW 8400.13 CHAPTER 5 PARA 6.
2. PROCEDURE NAME CHANGED FROM ILS RWY 5R (CAT II) TO ILS RWY 5R (SA CAT II) - PROCEDURE REQUIRES SPECIAL AIRCREW AND AIRCRAFT CERTIFICATION IAW 8400.13 CHAPTER 5 PARA 6.
3. MISSED APPROACH CHANGED FROM "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3000 VIA HEADING 139.45 AND GSO VORTAC R-108 TO KIMES INT/GSO 18.81 DME AND HOLD" TO "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3000 ON HEADING 139.45 AND GSO VORTAC R-108 TO KIMES INT/GSO 18.81 DME AND HOLD" - USE OF "ON" INSTEAD OF "VIA".
4. ADDED "CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-LOC 05R CAT C/D VISIBILITY TO RVR 6000" - PER VIS CHECK TOOL.
5. ADDED CIRCLING ICON - NEW CIRCLING CRITERIA APPLIED.
6. ADDED "CHART (CFDXV) AT (355718.50N/0800703.19W)" IN ADDITIONAL FLIGHT DATA - IAW 8260.19H PARA 8-6-10(Q) AND MEMORANDUM 239 SUPPLEMENTAL GUIDANCE TO ARINC SPECIFICATION 424-18 NAVIGATION SYSTEM DATABASE FOR USE IN PUBLISHING THE CODED INSTRUMENT FLIGHT PROCEDURES PARA 6.2.4.



COORDINATED WITH:

A4A ☒   ALPA ☒   AOPA ☒   APA ☒   HAI ☐   NBAA ☒   OTHER: ZTL, GSO APP CON, GSO ATCT, AMGR, ATA

FLIGHT CHECKED BY

FLIGHT INSPECTION REVIEW NOT REQUIRED - PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, DEC 22, 2017.

OFFICE

DATE

*Digitally signed by*

**WARDELL HENNING**

Oct 18, 2018

OFFICE

DATE

DEVELOPED BY

*Digitally signed by*

MIKE MELSSEN

**MIKE MELSSEN**

AJV-5412

08/07/2018

APPROVED BY

Oct 09, 2018

GEORGE DAVIS

*Digitally signed by*

**WARDELL HENNING**

Oct 18, 2018

OFFICE

AJV-5410

DATE

TITLE

MANAGER

