

**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.

<b>AIRPORT ID</b> IPJ	<b>PROCEDURE NAME</b> ILS Y OR LOC Y RWY 23	<b>ORIGINAL/AMENDMENT</b> ORIG-D	<b>CITY</b> LINCOLNTON	<b>STATE</b> NC
<b>AIRPORT ELEVATION</b> 878	<b>TDZE</b> 872	<b>SUPERSEDED</b> ILS Y OR LOC Y RWY 23	<b>DATED</b> 09/10/2020	<b>MAG VAR</b> 6W
<b>FACILITY</b> I-IPJ	<b>COORDINATES OF FACILITIES</b>	<b>ACTUAL EFFECTIVE DATE</b> 22 JANUARY 2026	<b>REQUIRED EFFECTIVE DATE</b> ROUTINE	<b>EPOCH YEAR</b> 1995
			<b>CANCEL/SUSPEND</b>	

**TAA**

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 143/30 CW 323/30	NOPT	143/4 CW 323/4		4900
2. 143/4 CW 323/4		JIVOM	IF/IAF	3000
3. 323/30 CW 143/30		323/4 CW 143/4		4900
4. 323/4 CW 143/4		JIVOM	IF/IAF	3000

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
JIVOM INT/I-IPJ 13.39 DME/RADAR	IF/IAF	CISBU INT/I-IPJ 5.99 DME/RADAR					233.16 (I-IPJ)	7.41	2500
CISBU INT/I-IPJ 5.99 DME/RADAR	FAF	GATEQ/I-IPJ 3.00 DME					233.16 (I-IPJ)	2.98	
GATEQ/I-IPJ 3.00 DME		4.98 NM AFTER CISBU INT/5.99 DME/RADAR OR AT I-IPJ 1.00 DME	MAP				233.16 (I-IPJ)	2.00	
4.98 NM AFTER CISBU INT/5.99 DME/RADAR OR AT I-IPJ 1.00 DME	MAP	1600 MSL		CA			233.16		1600
1600 MSL		JIVOM/13.39 DME		DF	FO	1.00			3100

**MISSED APPROACH**

**MAP:**

ILS: DA  
LOC: 4.98 NM AFTER CISBU INT/5.99 DME/RADAR OR AT I-IPJ 1.00 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3100 DIRECT JIVOM AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**                      (IAF)
- 2. HOLD NE JIVOM INT/I-PJ 13.39 DME/RADAR, RT, 233.25 INBOUND, 3000 IN LIEU OF PT (IAF), MAX 6000.
- 3. **FAC:** 233.16                      **FAF:** CISBU INT/I-IPJ 5.99 DME/RADAR                      **DIST FAF TO MAP:** 4.98                      **DIST FAF TO THLD:** 4.98
- 4. **MIN ALT:** JIVOM INT/I-IPJ 13.39 DME/RADAR 3000, CISBU INT/I-IPJ 5.99 DME/RADAR 2500, GATEQ/I-IPJ 3.00 DME 1460
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **GS ANT:** 789
- 6. **MIN GS INCPT:** 2500                      **GS ALT AT PFAF:** CISBU INT/I-IPJ 5.99 DME/RADAR 2500                      **OM:**                      **MM:**                      **IM:**
- 7. **GS ANGLE:** 3.00                      **34:1:**                      **20:1:**                      **TCH:** 46.8
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: VDP NA WHEN USING CLT ALTIMETER SETTING.  
 CHART NOTE: RWY 23 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CLT ALTIMETER SETTING: INCREASE S-ILS 23 DA TO 1213 FEET AND VISIBILITIES 1/8 SM; INCREASE ALL MDAS 80 FEET AND S-LOC 23 VISIBILITY CATS C/D 1/8 SM AND CIRCLING VISIBILITY CATS C/D 1/4 SM; INCREASE GATEQ FIX MINIMUMS S-LOC VISIBILITY CATS C/D AND CIRCLING VISIBILITY CATS C/D 1/4 SM.

**ADDITIONAL FLIGHT DATA:**

CHART 4NM ON OUTBOUND LEG OF HOLDING PATTERN AT JIVOM.  
 CHART FAS OBST: 1028 TREE (37-025321) 353030N/0810758W.  
 CHART VDP AT 2.15 DME.  
 DISTANCE VDP TO THLD 1.15 NM.

**MINIMUMS:**

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

**ALTERNATE:** NA  ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN FBO CLOSED.; LOC: STANDARD - CAT C 800-2 1/4, CAT D 800-2 1/2, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN FBO CLOSED.

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 23	1149	7/8	277	1149	7/8	277	1149	7/8	277	1149	7/8	277			
S-LOC 23	1460	1	588	1460	1	588	1460	1 3/4	588	1460	1 3/4	588			
CIRCLING	1460	1	582	1460	1	582	1660	2 1/4	782	1660	2 1/2	782			
GATEQ FIX MINIMUMS															
S-LOC 23	1280	1	408	1280	1	408	1280	1 1/8	408	1280	1 1/8	408			
CIRCLING	1400	1	522	1440	1	562	1660	2 1/4	782	1660	2 1/2	782			



**CHANGES - REASONS**

- MISSED APPROACH INSTRUCTIONS - CHANGED FROM "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3100 DIRECT JIVOM INT/I-IPJ 13.39 DME/RADAR AND HOLD (GPS REQUIRED)" TO "CLIMB TO 1600 THEN CLIMBING RIGHT TURN TO 3100 DIRECT JIVOM AND HOLD" - RNAV MISSED, CORRECTED DOCUMENTATION ERROR.
- PBN REQUIREMENT NOTES - ADDED "RNP APCH - GPS" - IAW 8260.19 8-6-8.
- NOTES - REMOVED NOTE "GPS REQUIRED" - ADDED PBN REQUIREMENT NOTE.
- NOTES - REMOVED "\*\*1540 WHEN USING CHARLOTTE ALTIMETER SETTING" - INCLUDED IN BACKUP ALTIMETER NOTE.
- ADDITIONAL FLIGHT DATA - REMOVED CHART CIRCLING ICON - IAW AIS MEMO DATED 5/15/25.
- ADDITIONAL FLIGHT DATA - REMOVED "\*\* LOC ONLY" - NO LONGER REQUIRED.
- MINIMUMS - CIRCLING CATS C/D WITH AND WITHOUT STEPDOWN RECIEVED CHANGED FROM 1640 TO 1660 - CONTROLLING OBSTACLE HEIGHT INCREASED FROM 1288 TO 1291.
- BACKUP ALTIMETER NOTES - CHANGED THE DA FROM 1212 TO 1213 AND CHANGED THE GATEQ PORTION FROM "GATEQ FIX MINIMUMS CATS C/D 1/4" TO "GATEQ FIX MINIMUMS S-LOC 23 VISIBILITY CATS C/D AND CIRCLING VISIBILITY CATS C/D 1/4 SM - NEW EVALUATION AND RESPONSE TO INQUIRY TO ELIMINATE PILOT CONFUSION.

**COORDINATED WITH:**

**A4A** 
**ALPA** 
**AOPA** 
**APA** 
**HAI** 
**NBAA** 
**OTHER:** ZTL, CLT APP CON, AMGR

**FLIGHT CHECKED BY**  
ROBERT E WILLIAMS

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Sep 11, 2025

**OFFICE**  
AJF

**DATE**  
09/03/2025

**DEVELOPED BY**  
JOHN BRUNO

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Sep 11, 2025

**OFFICE**  
AJV-A433

**DATE**  
06/26/2025

**APPROVED BY**  
ROBERT G HAMILTON

*Digitally signed by*  
**CASIMIR L TABAKA**  
 Sep 11, 2025

**OFFICE**  
AJV-A433

**DATE**

**TITLE**  
MANAGER

