

**FEDERAL AVIATION ADMINISTRATION  
FLIGHT STANDARDS SERVICE  
LOC STANDARD INSTRUMENT APPROACH PROCEDURE  
TITLE 14 CFR PART 97.25**

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 ID</u> KHRJ	<u>PROCEDURE NAME</u> LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-C	<u>CITY</u> ERWIN	<u>STATE</u> NC		
<u>AIRPORT ELEVATION</u> 202	<u>TDZE</u> 196	<u>SUPERSEDED</u> LOC RWY 5	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>DATED</u> 11/04/2021	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> I-HRJ	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RDU VORTAC		IRWOX INT/I-HRJ 12.14 DME					196.35	38.73	3100
FAY VOR/DME	IAF	IRWOX INT/I-HRJ 12.14 DME	NOPT				002.27	14.73	2500
IRWOX INT/I-HRJ 12.14 DME	IF/IAF	IJADE/I-HRJ 6.12 DME					047.95	6.02 (I-HRJ)	1900

**MISSED APPROACH**

**MAP:**  
I-HRJ 0.93 DME

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 700 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 290 AND RDU R-194 TO LANHO INT/RDU 21.16 DME AND HOLD.

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

CLIMB TO 800 THEN CLIMBING LEFT TURN TO 2000 ON HEADING 270 AND FAY VOR/DME R-009 TO DENIL/FAY 21.00 DME AND HOLD.

**PROFILE:**

- |                     |  |                                  |                         |                               |
|---------------------|--|----------------------------------|-------------------------|-------------------------------|
| <b>1. PT</b>        | <b>SIDE OF COURSE</b>  | <b>OUTBOUND</b>                  | <b>FT WITHIN</b>        | <b>MILES OF (IAF)</b>         |
| <b>2.</b>           | HOLD SW IRWOX, RT, 047.95 INBOUND, 2500 FT. IN LIEU OF PT (IAF), MAX 6000. |                                  |                         |                               |
| <b>3. FAC:</b>      | 047.95   | <b>FAF:</b> IJADE/I-HRJ 6.12 DME | <b>DIST FAF TO MAP:</b> | <b>DIST FAF TO THLD:</b> 5.19 |
| <b>4. MIN ALT:</b>  | IRWOX INT/I-HRJ 12.14 DME 2500, IJADE/I-HRJ 6.12 DME 1900                  |                                  |                         |                               |
| <b>8. MSA FROM:</b> | HQT NDB 3400   |                                  |                         |                               |

**EQUIPMENT REQUIREMENTS NOTES:**

DME REQUIRED.

**NOTES:**

CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).



**ADDITIONAL FLIGHT DATA:**

CHART RDU 38.73 DME AT IRWOX  
 IJADE TO RW05: 3.04/35  
 CHART R-5311 A, B, C  
 CHART FAY 14.73 DME AT IRWOX  
 HOLD S, RT, 013.86 INBOUND.  
 CHART IN PLANVIEW: ALTERNATE MA HOLDING, HOLD N DENIL/FAY 21.00 DME, RT, 188.81 INBOUND.  
 FAS OBST: 380 AAO 351906N/0784809W.  
 420 AAO 351821N/0784858W.  
 CHART VDP AT 2.22 DME  
 DISTANCE VDP TO THLD 1.29 NM.  
 CHART IN PLANVIEW: DENIL/FAY 21.00 DME.  
 CHART CIRCLING ICON.

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

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-5	640	1	444	640	1	444	640	1 3/8	444		NA					
CIRCLING	660	1	458	720	1	518	780	1 1/2	578		NA					

**CHANGES - REASONS**

1. MOVED NOTE "DME REQUIRED" FROM NOTES TO EQUIPMENT REQUIREMENTS NOTES - 8260.19I, 8-6-8, A(2)(A).
2. MOVED BACKUP ALTIMETER NOTE FROM -3 AND ASSOCIATED VDP NOTE TO PART C REMARKS AS CONTINGENCY NOTE - WEATHER IS ON WMSCR.
3. REMOVED CHART NOTE: RWY 5 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NA - NO VISUAL PENETRATIONS, 20:1 AND 34:1 IS CLEAR.
4. CHANGED FAS OBST FROM "252 TREE 352231N/0784420W" TO "380 AAO 351906N/0784809W"- NEW CONTROLLING OBSTACLE.
5. ADDED "CHART VDP AT 2.22 DME" AND "DISTANCE VDP TO THLD 1.29 NM" TO ADDITIONAL FLIGHT DATA - 8260.19I PARA 8-6-10M(MEMO).
6. ADDITIONAL FLIGHT DATA: ADDED CHART CIRCLING ICON - NEW CIRCLING AREA EVALUATED.
7. UPDATED S-5 MINIMUMS FROM MDA/HAT 520/324 TO MDA/HAT 640/444 AND CAT C VISIBILITY FROM 1 SM TO 1 3/8 SM - NEW OBSTACLE EVALUATION.
8. CHANGED 7:1 OBSTACLE FROM "449 AAO 351836N/0784852W" TO "420 AAO 351821N/0784858W" - NEW TERRAIN EVALUATION.
9. NOTAM FDC 1/2327 INCORPORATED INTO THIS AMENDMENT - REQUIRED IAW 8260.19I, 8-3-4C(3).

**COORDINATED WITH:**

A4A  ALPA  AOPA  APA  HAI  NBAA  **OTHER:** FAY APP CON, AIRPORT MGR

**FLIGHT CHECKED BY**  
TROY E DEVINE

**OFFICE** *Digitally signed by* **DATE**  
FPO **JON DENTON** 04/13/2022  
Feb 14, 2022

**DEVELOPED BY**  
JON DENTON (SILVIA YOUNG)

*Digitally signed by* **OFFICE** **DATE**  
**JON DENTON** AJV-A432 12/07/2021  
Feb 14, 2022

**APPROVED BY**  
LONNIE EVERHART

*Digitally signed by* **OFFICE** **DATE**  
**JON DENTON** AJV-A430  
Feb 14, 2022

**TITLE**  
MANAGER

