

**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>AIRPORT</u> HUNTSVILLE INTL-CARL T JONES FIELD	<u>AIRPORT ID</u> KHSV	<u>PROCEDURE NAME</u> ILS OR LOC RWY 36R	<u>ORIGINAL/AMENDMENT</u> 4	<u>CITY</u> HUNTSVILLE	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 629	<u>TDZE</u> 595	<u>SUPERSEDED</u> ILS OR LOC RWY 36R	<u>ORIGINAL/AMENDMENT</u> 3	<u>DATED</u> 06/20/2019	<u>MAG VAR</u> 4W
<u>FACILITY</u> I-JJC	<u>COORDINATES OF FACILITIES</u> 343924.01N / 0864555.42W	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<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
ENIKY/I-JJC 14.27 DME/RADAR	IF/IAF	UJOTY/I-JJC 8.28 DME/RADAR					004.95	5.99 (I-JJC)	2700

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.46 NM AFTER UJOTY/I-JJC 8.28 DME/RADAR OR AT I-JJC 1.83 DME

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1500 THEN CLIMBING RIGHT TURN TO 4000 DIRECT RQZ VORTAC AND HOLD.
(TACAN AIRCRAFT CLIMB TO 5000 ON RQZ VORTAC R-009.75 TO VOYUD 6.80 DME AND HOLD N, LT, 189.75 INBOUND).

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD S ENIKY, RT, 004.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 5000.
3. **FAC:** 004.95 **FAF:** UJOTY/I-JJC 8.28 DME/RADAR **DIST FAF TO MAP:** 6.46 **DIST FAF TO THLD:** 6.46
4. **MIN ALT:** ENIKY/I-JJC 14.27 DME/RADAR 3000, UJOTY/I-JJC 8.28 DME/RADAR 2700, GEPDE/I-JJC 3.70 DME 1240*
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1011
6. **MIN GS INCPT:** 2700 **GS ALT AT FAF :** UJOTY/I-JJC 8.28 DME/RADAR 2700 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 55.3
8. **MSA FROM:** RQZ VORTAC 3700

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.
DME OR RADAR REQUIRED FOR LOC ONLY.



NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
 CHART PROFILE NOTE: VGSI AND ILS GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 36R CAT E VISIBILITY TO RVR 4000 AND S-LOC 36R CAT E TO 1 7/8 SM. GEPDE FIX MINIMUMS: INCREASE S-LOC 36R CAT E VISIBILITY TO RVR 6000.
 CHART NOTE: CIRCLING NA FOR CAT C/D/E E OF RWY 18L-36R.
 CHART PLANVIEW NOTE: CAUTION NUMEROUS MIGRATORY BIRD FLOCKS IN AREA. WILDLIFE REFUGE AREA SOUTH OF AIRPORT.

ADDITIONAL FLIGHT DATA:

CHART NOTE: ASR
 CHART CIRCLING ICON.
 CHART R2104A, R2104B, R2104C
 CHART WHEELER NATIONAL WILDLIFE REFUGE
 CHART VDP AT 2.83 DME*
 DISTANCE VDP TO THLD 1.00 NM
 * LOC ONLY
 CHART FAS OBST: 660 TREE 343709N/0864545W.
 HOLD N, RT, 183.00 INBOUND

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER CLOSED.; LOC: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN TOWER 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 36R	818	2400	223	818	2400	223	818	2400	223	818	2400	223	818	2400	223	
S-LOC 36R	1240	2400	645	1240	2400	645	1240	1 3/8	645	1240	1 3/8	645	1240	1 3/8	645	
CIRCLING	1240	1	611	1240	1	611	1240	1 7/8	611	1240	2	611	1260	2 1/4	631	
GEPDE FIX MINIMUMS																
S-LOC 36R	980	2400	385	980	2400	385	980	3500	385	980	3500	385	980	3500	385	
CIRCLING	1160	1	531	1160	1	531	1160	1 1/2	531	1240	2	611	1260	2 1/4	631	

CHANGES - REASONS

1. ADDED TACAN ONLY MISSED APPROACH CONTINUATION INSTRUCTIONS- NEW TARGETS EVALUATION AND ATC REQUEST.
2. INCREASED S-ILS 36R DA/HAT FROM 796/201 TO 818/223- NEW OBSTACLE DATA AND TARGETS EVALUATION.
3. INCREASED S-LOC 36R MDA/HAT FROM 1160/565 TO 1240/645- NEW OBSTACLE DATA AND TARGETS EVALUATION.
4. INCREASED CIRCLING MDA/HAA MINIMUMS CAT A,B,C FROM 1160/531 TO 1240/611 AND CAT C VISIBILITY FROM 1 1/2 TO 1 7/8- NEW TARGETS EVALUATION AND VIS CHECK DATA.
5. REMOVED CHART 869 TREE 343201N/0864637W FROM ADDITIONAL FLIGHT DATA- NEW OBSTACLE DATA AND TARGETS EVALUATION.
6. COORDINATES OF FACILITIES LAT/LONG ADDED DUE TO ILS 36R GLIDESLOPE RELOCATION- JJC FACILITY LOCATION UPDATED WITH NEW AIRNAV DATA.
7. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE FOR PRECISION AND NON PRECISION ALTERNATE LINE- IAW 8260.19H 8-6-11B(4).
8. INCREASED MISSED APPROACH ALTITUDE FROM 3000-4000 FEET- ATC REQUEST.
9. ADDITIONAL FLIGHT DATA UPDATED VDP DISTANCE FROM 2.85 TO 2.83 DME AND DISTANCE VDP TO THLD FROM 1.03 NM TO 1.00 NM- NEW TARGETS EVALUATION.



COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: HSV APP CON, ZME, ST AERO, AMGR.

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by

ALLAN WILL

Dec 18, 2019

Digitally signed by

ALLAN WILL

Dec 18, 2019

Digitally signed by

ALLAN WILL

Dec 18, 2019

DEVELOPED BY

ALLAN WILL (MICHAEL W HARRIS)

OFFICE

AJV-A423

DATE

10/03/2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

TITLE
MANAGER

