

**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 36L	<u>ORIGINAL/AMENDMENT</u> 11B	<u>CITY</u> HUNTSVILLE	<u>STATE</u> AL
<u>AIRPORT ELEVATION</u> 629	<u>TDZE</u> 615	<u>SUPERSEDED</u> ILS OR LOC RWY 36L	<u>ORIGINAL/AMENDMENT</u> 11A	<u>DATED</u> 08/15/2019	<u>MAG VAR</u> 4W
<u>FACILITY</u> I-ELL	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	<u>EPOCH YEAR</u> 2020

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BOSAC INT/RADAR	IF/IAF	CECAB/RADAR					004.95	5.88 (I-ELL)	2800

MISSED APPROACH

MAP:

ILS: DA
LOC: 6.71 NM AFTER CECAB/RADAR

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 1100 THEN CLIMBING LEFT TURN TO 3000 ON HEADING 350 AND RQZ R-261 TO TANNE INT/RQZ 17.61 DME AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

1. PT **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. HOLD S BOSAC, LT, 004.95 INBOUND, 2800 FT. IN LIEU OF PT (IAF), MAX 5000.
3. **FAC:** 004.95 **FAF:** CECAB/RADAR **DIST FAF TO MAP:** 6.71 **DIST FAF TO THLD:** 6.71
4. **MIN ALT:** BOSAC INT/RADAR 2800, CECAB/RADAR 2800
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **GS ANT:** 1000
6. **MIN GS INCPT:** 2800 **GS ALT AT FAF :** CECAB/RADAR 2800 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 3.00 **34:1:** **20:1:** **TCH:** 53.4
8. **MSA FROM:** RQZ VORTAC 3700

EQUIPMENT REQUIREMENTS NOTES:

RADAR REQUIRED FOR PROCEDURE ENTRY.



NOTES:

CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
 CHART NOTE: FOR INOPERATIVE ALS, INCREASE S-ILS 36L CAT E VISIBILITY TO RVR 4000, S-LOC 36L CAT C/D/E VISIBILITY TO 1 3/4 SM.
 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 WHEELER NATIONAL WILDLIFE REFUGE
 CHART R2104A, R2104B, R2104C
 FAS OBST: 960 AAO 343160N/0864637W.
 990 AAO 343018N/0864748W.
 HOLD W, RT, 080.97 INBOUND

MINIMUMS:

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

ALTERNATE: NA ILS: STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL TOWER CLOSED.; LOC: STANDARD - CAT E 800-2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE., NA WHEN CONTROL 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
S-ILS 36L	815	1800	200	815	1800	200	815	1800	200	815	1800	200	815	1800	200
S-LOC 36L	1240	2400	625	1240	2400	625	1240	1 3/8	625	1240	1 3/8	625	1240	1 3/8	625
CIRCLING	1240	1	611	1240	1	611	1240	1 3/4	611	1240	2	611	1260	2 1/4	631

CHANGES - REASONS

1. CHANGED DISTANCE BETWEEN IF BOSAC AND FAF CECAB FROM 6.00 TO 5.88 NM - FAF RELOCATED IN AMDT 11 WITHOUT CORRESPONDING ADJUSTMENTS TO DISTANCES BETWEEN IF AND FAF AND BETWEEN FAF AND MAP. FAF TO MAP DISTANCE CORRECTED IN AMDT 11A.
2. ADDED 'NA WHEN LOCAL WEATHER NOT AVAILABLE' TO ILS AND LOC ALTERNATE MINIMUMS - NOTE REQUIRED REGARDLESS OF WHETHER OR NOT A PROCEDURE HAS A BACKUP ALTIMETER, PER 8260.19H CHANGE 1 IMPLEMENTATION LETTER (AFS CLARIFICATION).

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZME, HSV APCH CON, HSV ATCT, ST AERO, AMGR

FLIGHT CHECKED BY
ROBERT E WILLIAMS
Digitally signed by
DAVID DANNER
 Jan 22, 2020
OFFICE
FICO
DATE
1/16/20

DEVELOPED BY
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 Dec 20, 2019
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DATE
11/27/2019

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TITLE
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