

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE**

TITLE 14 CFR PART 97.33

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>	<u>AIRPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>	
HUNTSVILLE INTL-CARL T JONES FIELD	KHSV	RNAV (GPS) RWY 36R	3	HUNTSVILLE	AL	
<u>AIRPORT ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
629	595	RNAV (GPS) RWY 36R	2	06/20/2019	4W	2020
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV		26 MARCH 2020	ROUTINE			

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 275/30 CW 095/30	NOPT	275/10 CW 095/10		3700
2. 275/10 CW 095/10		ENIKY	IF/IAF	3000
3. 095/30 CW 275/30		095/10 CW 275/10		4000
4. 095/10 CW 275/10		ENIKY	IAF	3000

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
ENIKY	IF/IAF	UJOTY		TF	FB	1.00	004.95	5.99	2700
UJOTY	FAF	NERTZ/2.00 NM TO RW36R		TF	FB	0.30	004.95	4.46	
NERTZ/2.00 NM TO RW36R		RW36R	MAP	TF	FO	0.30	004.95	2.00	
RW36R	MAP	801 MSL		CA			004.95		
801 MSL		BOLAY		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW36R

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT BOLAY AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

QUALITY
22
CHECKED

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	DIST FAF TO MAP: 6.46	DIST FAF TO THLD: 6.46	
4. MIN ALT:	ENIKY 3000, UJOTY 2700, NERTZ/2.00 NM TO RW36R 1280*				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	206 HAT: 0.49	GS ANT:
6. MIN GP INCPT: 2700	GP ALT AT FAF : UJOTY 2700		OM:	MM:	IM:
7. GP ANGLE: 3.00	34:1: IS CLEAR	20:1: IS CLEAR	TCH: 55.3		
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH

NOTES:

CHART NOTE: CIRCLING NA FOR CATS C/D/E EAST OF RWY 18L-36R.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11°C OR ABOVE 54°C.
CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
CHART PLANVIEW NOTE: CAUTION: NUMEROUS MIGRATORY BIRD FLOCKS IN AREA. WILDLIFE REFUGE AREA SOUTH OF AIRPORT.
CHART NOTE: SIMULTANEOUS APPROACH AUTHORIZED.
CHART NOTE: LNAV PROCEDURE NA DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: USE OF FD OR AP REQUIRED DURING SIMULTANEOUS OPERATIONS.
CHART NOTE: FOR INOPERATIVE ALS INCREASE LPV CAT E VISIBILITY TO RVR 4000, LNAV/VNAV CAT E VISIBILITY TO RVR 5000 AND LNAV CAT E VISIBILITY TO RVR 6000.

ADDITIONAL FLIGHT DATA:

CHART NOTE: ASR
CHART CIRCLING ICON.
CHART R2104A, R2104B, R2104C
CHART WHEELER NATIONAL WILDLIFE REFUGE
CHART VDP AT 1.00 NM TO RW36R*
*LNAV ONLY
WAAS CHANNEL #86606
REFERENCE PATH ID: W36B
FAS OBST: 719 TREE 343621N/0864523W.
HOLD N, LT, 184.95 INBOUND
LTP HAE: 151.3 M



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
LPV DA	801	2400	206	801	2400	206	801	2400	206	801	2400	206	801	2400	206
LNAV/VNAV DA	927	2600	332	927	2600	332	927	2600	332	927	2600	332	927	2600	332
LNAV MDA	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. TERMINAL ROUTES NERTZ TO RWY 36R UPDATED DISTANCE FROM 1.93 TO 2.00 NM- MIN ALT AT NERTZ RAISED FROM 1260 TO 1280 BECAUSE TARGETS USES ROUNDED RASS ADJUSTMENT.
2. TERMINAL ROUTES FROM UJOTY TO NERTZ UPDATED DISTANCE FROM 4.52 TO 4.46 NM- UPDATED NERTZ LOCATION .06 NM S.
3. PROFILE VIEW DIST TO THLD FROM 207 HAT CHANGED TO 206 HAT- NEW TARGETS EVALUATION.
4. UPDATED ALL DISTANCE REFERENCES OF NERTZ/1.93 NM TO RW36R TO NERTZ/2.00 NM TO RW36R- NEW FIX LOCATION AND TARGETS EVALUATION.
5. CHANGED CHART NOTE FROM FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -10°C OR ABOVE 54°C TO FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -11°C OR ABOVE 54°C- NEW 5 YEAR WEATHER STUDY COMPLETED.
6. ADDED A4A UNDER COORDINATED WITH BLOCK- IAW 8260.19H 8-6-13A.
7. ADDED NA WHEN LOCAL WEATHER NOT AVAILABLE FOR ALTERNATE LINE- IAW 8260.19H 8-6-11B(4).
8. FPAP LONGITUDE AND CRC REMAINDER CHANGED FROM 0864555.6785W TO 0864555.6795W AND 5F315354 TO C89D96D0- UPDATED AIRNAV DATA.

COORDINATED WITH:

A4A ☒ **ALPA** ☒ **AOPA** ☒ **APA** ☒ **HAI** ☐ **NBAA** ☒ **OTHER:** ZME, HSV APCH, ST AERO, ATA

FLIGHT CHECKED BY

PENDING

OFFICE

DATE

Digitally signed by
ALLAN WILL
Dec 18, 2019

DEVELOPED BY

ALLAN WILL (MICHAEL W HARRIS)

OFFICE

AJV-A423

DATE

09/30/2019

Digitally signed by
ALLAN WILL
Dec 18, 2019

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

Digitally signed by
ALLAN WILL
Dec 18, 2019

TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHSV
RUNWAY	RW36R
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W36B
LTP/FTP LATITUDE	343734.2300N
LTP/FTP LONGITUDE	0864557.6235W
LTP/FTP ELLIPSOIDAL HEIGHT	+01513
FPAP LATITUDE	343911.1510N
FPAP LONGITUDE	0864555.6795W
THRESHOLD CROSSING HEIGHT (TCH)	00055.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	C89D96D0

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K7
LTP ORTHOMETRIC HEIGHT	+01795
FPAP ORTHOMETRIC HEIGHT	+01795

