

**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> HASTINGS MUNI	<u>AIRPORT ID</u> KHSI	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HASTINGS	<u>STATE</u> NE	
<u>AIRPORT ELEVATION</u> 1961	<u>TDZE</u> 1944	<u>SUPERSEDED</u> RNAV (GPS) RWY 32	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 02/05/2015	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1995
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

**TERMINAL ROUTES**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
KECER		ZELUN		TF	FB	1.00	222.64	10.53	4000
IKUME	IAF	FEPOB	NOPT	TF	FB	1.00	008.96	9.53	4000
ZELUN	IAF	FEPOB	NOPT	TF	FB	1.00	277.47	6.00	4000
FEPOB	IF/IAF	JEKRU		TF	FB	1.00	323.39	6.55	3400
JEKRU	FAF	RW32	MAP	TF	FO	0.30	323.34	4.45	
RW32	MAP	2194 MSL		CA			323.34		
2194 MSL		IDROC		DF	FO	1.00			4000

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW32

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4000 DIRECT IDROC AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



PROFILE:

1. PT      SIDE OF COURSE      OUTBOUND      FT WITHIN      MILES OF (IAF)
2. HOLD SE FEPOB, RT, 323.39 INBOUND, 4000 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 323.34      FAF: JEKRU      DIST FAF TO MAP: 4.45      DIST FAF TO THLD: 4.45
4. MIN ALT: FEPOB 4000, JEKRU 3400
5. DIST TO THLD FROM OM:      MM:      IM:      150 HAT:      250 HAT: 0.65      GS ANT:      MM:      IM:
6. MIN GP INCPT: 3400      GP ALT AT FAF : JEKRU 3400      OM:      MM:      IM:
7. GP ANGLE: 3.00      34:1: IS CLEAR      20:1: IS CLEAR      TCH: 42.4
8. MSA FROM: RW32 4500

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -18°C OR ABOVE 54°C.  
CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT KECER ON V50 EASTBOUND, AND ARRIVALS AT IKUME ON V380 SOUTHBOUND.

ADDITIONAL FLIGHT DATA:

CHART VDP AT 1.25 NM TO RW32\*  
\*LNAV ONLY  
WAAS CHANNEL #63223  
REFERENCE PATH ID: W32A  
FAS OBST: 2124 AAO 403234N/0982338W.  
HOLD NW, RT, 143.22 INBOUND  
LTP HAE: 565.9 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	2194	7/8	250	2194	7/8	250	2194	7/8	250	2194	7/8	250			
LNAV/VNAV DA	2386	1 3/8	442	2386	1 3/8	442	2386	1 3/8	442	2386	1 3/8	442			
LNAV MDA	2380	1	436	2380	1	436	2380	1 1/4	436	2380	1 1/4	436			
CIRCLING	2380	1	419	2420	1	459	2540	1 1/2	579	2540	2	579			



**CHANGES - REASONS**

- 1. 20:1 IS CLEAR ADDED - DOCUMENTATION REQUIREMENT.
- 2. REMOVED CHART NOTE "DME/DME RNP-0.3 NA" - 8260.19H 4-6-10.E.
- 3. ADDED PBN REQUIREMENTS NOTE: RNP APCH - 8260.19H 8-6-8.
- 4. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 - PER .19H PARA 8-6-7B (2).
- 5. LOCAL ALTIMETER SETTING NOT RECIEVED' NOTE MOVED FROM -3 NOTES TO -9 REMARKS SECTION - KHSI IS ON WMSCR, KGRI IS CONTINGENCY ALTIMETER..
- 6. 34:1 IS CHANGED FROM NOT CLEAR TO CLEAR - NEW OBSTACLE EVALUATION.
- 7. LNAV/VNAV DA/HAT CHANGED FROM 2190/250, VISIBILITY 7/8 TO 2386/442, VISIBILITY 1 3/8. - NEW OBSTACLE EVALUATION. CLEARS NOTAM # 9/8517.
- 8. MOVED 'BARO-VNAV AND VDP NA WHEN USING GRAND ISLAND ALTIMETER SETTING' TO 8260-9. - KHSI IS ON WMSCR, KGRI IS CONTINGENCY ALTIMETER.
- 9. FAS OBST CHANGED FROM 2120 TOWER 403439N10982421W TO 2124 AAO 403234N/0982338W - NEW OBSTACLE EVALUATION.
- 10. DELETED NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA - 20:1 IS CLEAR.
- 11. CHANGED THRE 1940 TO TDZE 1944 AND INCREASED ALL DA'S 4 FT AND LOWERED LNAV HAT 4 FT - INCORPORATED ORIG-A P-NOTAM TO MATCH CURRENTLY PUBLISHED IAP.
- 12. ADDED PROCEDURE NA AIRWAY ARRIVALS NOTE - TURNS GREATER THAN 90 DEGREES NOT AUTHORIZED FOR PBN APPROACHES.
- 13. UPDATED UNCOMPENSATED BARO-VNAV NOTE BY DELETING FAHRENHEIT VALUES AND CHANGING 31C TO 54C - 54C IS CORRECT AND FAHRENHEIT IS NO LONGER DOCUMENTED.

**COORDINATED WITH:**

A4A ☐ ALPA ☒ AOPA ☒ APA ☐ HAI ☐ NBAA ☒ OTHER: ZMP, APRT MGR, ST. AVIATION DIR.

**FLIGHT CHECKED BY**

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT:  
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE *Digitally signed by* DATE  
**DAVID TEFFETELLER**  
Sep 25, 2019

**DEVELOPED BY**

FRANK MOORE

*Digitally signed by*  
**FRANK MOORE**

OFFICE DATE  
AJV-A433 08/11/2019

**APPROVED BY**

GEORGE DAVIS

Sep 17, 2019

*Digitally signed by*  
**DAVID TEFFETELLER**  
Sep 25, 2019

OFFICE DATE  
AJV-A430

TITLE  
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHSI
RUNWAY	RW32
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W32A
LTP/FTP LATITUDE	403604.5455N
LTP/FTP LONGITUDE	0982525.8160W
LTP/FTP ELLIPSOIDAL HEIGHT	+05659
FPAP LATITUDE	403722.0000N
FPAP LONGITUDE	0982623.7800W
THRESHOLD CROSSING HEIGHT (TCH)	00042.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	55E9A086

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+05912
FPAP ORTHOMETRIC HEIGHT	+05912

