

**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 ID</u> KHON	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> HURON	<u>STATE</u> SD		
<u>AIRPORT ELEVATION</u> 1289	<u>TDZE</u> 1289	<u>SUPERSEDED</u> RNAV (GPS) RWY 12	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 05/24/2018	<u>MAG VAR</u> 7E	<u>EPOCH YEAR</u> 1985
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 25 FEBRUARY 2021	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TERMINAL ROUTES THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 21-03.

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
DAKPE		HEMES		TF	FB	1.00	079.24	8.10	3000
CAGUX		TESHE		TF	FB	1.00	258.65	17.01	3000
TULLA		TESHE		TF	FB	1.00	181.19	13.14	3000
HEMES	IAF	MIMFA	NOPT	TF	FB	1.00	030.88	5.00	3000
TESHE	IAF	MIMFA	NOPT	TF	FB	1.00	210.98	5.00	3000
MIMFA	IF/IAF	PUMMI		TF	FB	1.00	120.93	6.06	3000
PUMMI	FAF	RW12	MAP	TF	FO	0.30	121.00	5.14	
RW12	MAP	1489 MSL		CA			121.00		
1489 MSL		CAVOR		DF	FB	1.00			
CAVOR		FARVA		TF	FO	1.00	121.14	6.53	3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW12

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 3000 DIRECT CAVOR AND ON TRACK 121.14 TO FARVA AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. CHANGED BARO-VNAV NOTE- CHANGED HIGH TEMP FROM 46C TO 54C AND REMOVED F TEMPERATURE VALUES IAW 8260.19H 1-1-5A(9).
2. DELETED CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT DAKPE VIA V26 WESTBOUND, AND ARRIVALS AT CAGUX VIA V78 NORTHEAST BOUND, AND ARRIVALS AT TULLA VIA V15 NORTHBOUND - HON DECOMMISSIONING.
3. CHANGED CHART NOTE: CIRCLING RWY 17, 35 NA AT NIGHT TO CIRCLING RWY 18, 36 NA AT NIGHT - RWY NUMBERING CHANGED.
4. CRC REMAINDER CHANGED FROM 3106A92F TO E702D5A5 - FPAP, LENGTH OFFSET AND LTP ELLIPSOIDAL CHANGED.
5. ADDED CA LEG TO MA AND CHANGED MA FROM "CLIMB TO 3000 DIRECT CAVOR AND ON TRACK 121 TO FARVA AND HOLD" TO "CLIMB TO 3000 DIRECT CAVOR AND ON TRACK 121.14 TO FARVA AND HOLD" - IAW 8260.58A CHG 1, PARA 3-5-2.
6. ADDED IS CLEAR TO 20:1 ON LINE 7 - REQUIRED DOCUMENTATION BY CRITERIA.
7. ADDED CHART NOTE: FOR INOPERATIVE ALS, INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 SM AND LNAV CAT C/D VISIBILITY TO 1 3/8 SM - UPDATED VISCHECK DATA.
8. ADDED CHART CIRCLING ICON UNDER ADDITIONAL FLIGHT DATA - UPDATED TO NEW CIRCLING CRITERIA.
9. CAT C CIRCLING MDA/HAA CHANGED FROM 1820/531 TO 1920/631, VISIBILITY CHANGED FROM 1 1/2 TO 1 3/4 -APPLIED NEW CIRCLING RADII.
10. LNAV CAT C VISIBILITY CHANGED FROM 3/4 TO 1 - UPDATED VIS CHECK.
11. LINE 2 ADDED MAX 6000 - REVISED CRITERIA.
12. THE 200 HAT: 0.47 LOCATION ON THE FORM CHANGED.
13. INCORPORATED ORIG-A P-NOTAM.
14. REMOVED ADDITIONAL FLIGHT DATA ENTRY CHART FAS OBST: 1399 TREE 442422N/0981519W - NO LONGER REQUIRED.
15. LINE 6 ADD 2000 TO GS ALT AT: PUMMI - REVISED CRITERIA.
16. CHANGED FAS DATA BLOCK LTP ELLIPSOIDAL HEIGHT FROM +03679 TO +03678, FPAP LAT/LONG FROM 442247.92.00N/0981309.4500W TO 442237.7305N/0981251.3185W AND LENGTH OFFSET FROM 0048 TO 0552 - REVISED AIRNAV DATA AND TARGETS CALCULATIONS.
17. REMOVED SECONDARY ALTIMETER NOTE, SECONDARY ALS NOTE, AND ASSOCIATED VDP AND BARO-VNAV NA NOTES. - KHON ON WMSCR. PLACED CONTINGENCY NOTES IN BACK OF -9 FOR RECORD KEEPING.

01/08/2021: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON: 10/26/2020:

1. ADDED DISTANCE TO MISSED APPROACH TF SEGMENT FROM CAVOR TO FARVA IN TERMINAL ROUTES.
2. CHANGED PROFILE LINE 6 FROM "PUMMI 2000" TO "PUMMI 3000".
3. REMOVED CHART NOTE: INOPERATIVE TABLE DOES NOT APPLY TO LNAV/VNAV CAT D.
4. CHANGED CHART NOTE: "FOR INOPERATIVE ALS, INCREASE LNAV/VNAV CAT A/B/C VISIBILITY TO 1 1/8 SM AND LNAV CATS C/D VISIBILITY TO 1 3/8 SM" TO "FOR INOPERATIVE ALS INCREASE LNAV/VNAV ALL CATS VISIBILITY TO 1 1/8 SM AND LNAV CAT C/D VISIBILITY TO 1 3/8 SM - UPDATED VISCHECK DATA.
5. LNAV/VNAV VISIBILITY DECREASED FROM 1 SM TO 3/4 SM - NEW INOP VISIBILITY TABLE USED.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZMP, AMGR

FLIGHT CHECKED BY
JOEL PATRICK MURPHY

Digitally signed by
JON DENTON
Jan 12, 2021

OFFICE
FIOG
DATE
10/16/2020

DEVELOPED BY
WARDELL HENNING (LORRI DOWNEY)

Digitally signed by
JON DENTON
Jan 12, 2021

OFFICE
AJV-A432
DATE
01/08/2020

APPROVED BY
GEORGE DAVIS

Digitally signed by
JON DENTON
Jan 12, 2021

OFFICE
AJV-A430
DATE
TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KHON
RUNWAY	RW12
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W12A
LTP/FTP LATITUDE	442332.6805N
LTP/FTP LONGITUDE	0981429.1240W
LTP/FTP ELLIPSOIDAL HEIGHT	+03678
FPAP LATITUDE	442237.7305N
FPAP LONGITUDE	0981251.3185W
THRESHOLD CROSSING HEIGHT (TCH)	00050.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0552
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E702D5A5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K3
LTP ORTHOMETRIC HEIGHT	+03928
FPAP ORTHOMETRIC HEIGHT	+03928

