

US DEPARTMENT OF TRANSPORTATION
FEDERAL AVIATION ADMINISTRATION

**RNAV (GPS) - STANDARD
INSTRUMENT APPROACH PROCEDURE
FAR PART 97.33**

Bearings, headings, courses, 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 in feet RVR.

TERMINAL ROUTES				MISSED APPROACH											
FROM	TO	COURSE AND DISTANCE	ALTITUDE												
DAKPE	HEMES (FB)	079.24 / 8.10	3000	LPV: DA LNAV/VNAV: DA LNAV: RW12 CLIMB TO 3000 DIRECT CAVOR AND VIA 121.14 TRACK TO FARVA AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SE, RT, 301.23 INBOUND. CHART FAS OBST: 1399 TREE 442422N/0981519W FAS OBST: 1524 AAO 442510N/0981843W DISTANCE TO THLD FROM 200 HAT: 0.47 NM. WAAS CHANNEL # 70314 REFERENCE PATH ID: W12A CHART VDP AT 1.39 MILES TO RWY12* *LNAV ONLY.											
CAGUX	TESHE (FB)	258.65 / 17.01	3000												
TULLA	TESHE (FB)	181.19 / 13.14	3000												
HEMES (IAF)	MIMFA (NOPT) (FB)	030.88 / 5.00	3000												
TESHE (IAF)	MIMFA (NOPT) (FB)	210.98 / 5.00	3000												
MIMFA (IF/IAF)	PUMMI (FB)	120.93 / 6.06	3000												
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NW MIMFA, RT, 120.93 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: <u>121.00</u> FAF: <u>PUMMI</u> DIST FAF TO MAP: <u>5.14</u> THLD: <u>5.14</u> 4. MIN. ALT: <u>MIMFA 3000, PUMMI 3000</u> 5. DIST TO THLD FROM OM: <u> </u> MM: <u> </u> IM: <u> </u> 150 HAT: <u> </u> 100 HAT: <u> </u> GS ANT: <u> </u> 6. MIN GS INCPT: <u>3000</u> GS ALT AT: <u>PUMMI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>50.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW12 3400</u>				MAG VAR: <u>7E</u> EPOCH YEAR: <u>1985</u>											
MINIMUMS															
TAKEOFF:	<input type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N/A	STANDARD @										
CATEGORY =====>	A		B		C		D	E							
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS	HAT/HAA
LPV DA	1489	1/2	200	1489	1/2	200	1489	1/2	200	1489	1/2	200			
LNAV/VNAV DA	1699	1	410	1699	1	410	1699	1	410	1699	1 1/2	410			
LNAV MDA	1780	1/2	491	1780	1/2	491	1780	3/4	491	1780	1	491			
CIRCLING	1820	1	531	1820	1	531	1820	1 1/2	531	1980	2 1/4	691			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 46C (114F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING MITCHELL MUNI ALTIMETER SETTING. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE MITCHELL MUNI ALTIMETER SETTING AND SEE 8260-10															
CITY AND STATE		ELEVATION: 1289 TDZE: 1289		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:					
HURON, SD		AIRPORT NAME: HURON RGNL				RNAV (GPS) RWY 12, ORIG				AMDT: NONE					
						27 AUG 2009				DATED					

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NOTES CONT.

INCREASE ALL DA 89 FEET AND ALL MDA 100 FEET. INCREASE LNAV/VNAV ALL CATS, LNAV AND CIRCLING CAT C/D VISIBILITY 1/4 MILE.

CHART NOTE: FOR INOPERATIVE MALSR WHEN USING MITCHELL MUNI ALTIMETER SETTING INCREASE LPV ALL CATS VISIBILITY TO 1 MILE.

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.

CITY AND STATE

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

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 +03679
FPAP LATITUDE 442247.9200N
FPAP LONGITUDE 0981309.4500W
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 0048
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER

3106A92F

ADDITIONAL PATH POINT RECORD INFORMATION

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

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[illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHONK3FR12	ACAGUX	010CAGUXK3EA0E	IF							18000		A JS	
SUSAP KHONK3FR12	ACAGUX	020TESHEK3EA0E	A 020TF			25870170		+ 03000				A JS	
SUSAP KHONK3FR12	ACAGUX	030MIMFAK3EA0EE	010TF			21100050		+ 03000				A JS	
SUSAP KHONK3FR12	ADAKPE	010DAKPEK3EA0E	IF							18000		A JS	
SUSAP KHONK3FR12	ADAKPE	020HEMESK3EA0E	A 020TF			07920081		+ 03000				A JS	
SUSAP KHONK3FR12	ADAKPE	030MIMFAK3EA0EE	010TF			03090050		+ 03000				A JS	
SUSAP KHONK3FR12	AMIMFA	010MIMFAK3EA0EE	CR HF			12090040		+ 03000		18000		A JS	
SUSAP KHONK3FR12	ATULLA	010TULLAK3EA0E	IF							18000		A JS	
SUSAP KHONK3FR12	ATULLA	020TESHEK3EA0E	A 020TF			18120131		+ 03000				A JS	
SUSAP KHONK3FR12	ATULLA	030MIMFAK3EA0EE	010TF			21100050		+ 03000				A JS	
SUSAP KHONK3FR12	R	010MIMFAK3EA0E	I IF					+ 03000		18000		A JS	
SUSAP KHONK3FR12	R	020PUMMIK3EA1E	F 051TF			12090061		+ 03000			RW12	K3PGA	JS
SUSAP KHONK3FR12	R	020PUMMIK3EA2WALPV		ALNAV/VNAV	ALNAV								JS
SUSAP KHONK3FR12	R	030RW12 K3PG0GY	M 031TF			12100051		01339		-300		A JS	
SUSAP KHONK3FR12	R	040CAVORK3EA0E	M 010DF									A JS	
SUSAP KHONK3FR12	R	050FARVAK3EA0EY	010TF			1211		+ 03000				A JS	
SUSAP KHONK3FR12	R	060FARVAK3EA0EE	HR020HM			30120040		+ 03000				A JS	

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CAGUX	CAGUX	010		IF		FB				
	CAGUX	TESHE	020	IAF	TF		FB	2.0	258.7(266T)	017.0	03000
	CAGUX	MIMFA	030		TF		FB	1.0	211.0(218T)	005.0	03000
	DAKPE	DAKPE	010		IF		FB				
	DAKPE	HEMES	020	IAF	TF		FB	2.0	079.2(086T)	008.1	03000
	DAKPE	MIMFA	030		TF		FB	1.0	030.9(038T)	005.0	03000
	MIMFA	MIMFA	010		HF	R	FB		120.9(128T)	004.0	03000
	TULLA	TULLA	010		IF		FB				
	TULLA	TESHE	020	IAF	TF		FB	2.0	181.2(188T)	013.1	03000
	TULLA	MIMFA	030		TF		FB	1.0	211.0(218T)	005.0	03000
		MIMFA	010	FACF	IF		FB				03000
		PUMMI	020	FAF	TF		FB	0.5	120.9(128T)	006.1	03000
		RW12	030	MAP	TF		FO	0.3	121.0(128T)	005.1	01339

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CAVOR	040		DF		FB	1.0			
	FARVA	050		TF		FO	1.0	121.1(128T)		03000
	FARVA	060		HM	R	FO	2.0	301.2(308T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CAGUX	N443542.86	W0975847.06	N4435.714	W09758.784
	CAVOR	N441937.91	W0980731.88	N4419.632	W09807.531
	DAKPE	N442558.37	W0984223.05	N4425.973	W09842.384
	FARVA	N441535.51	W0980022.80	N4415.592	W09800.380
	HEMES	N442629.67	W0983105.79	N4426.495	W09831.097
	MIMFA	N443026.38	W0982648.39	N4430.440	W09826.807
	PUMMI	N442642.83	W0982008.25	N4426.714	W09820.138
	TESHE	N443422.92	W0982230.41	N4434.382	W09822.507
	TULLA	N444723.11	W0981953.33	N4447.385	W09819.889
	RW12	N442332.68	W0981429.12	N4423.545	W09814.485

RUNWAY DATA	THRESHOLD	ELEVATION	TCH
RWY			
RW12	01289		50

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