

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		LPV: DA LNAV/VNAV: DA LNAV: RW08 CLIMB TO 8000 DIRECT COSOG AND LEFT TURN VIA TRACK 347.15 TO ARHUF AND LEFT TURN VIA TRACK 257.04 TO FIKOB AND VIA TRACK 230.47 TO ETOHO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD W, RT, 076.86 INBOUND. CHART FAS OBST: 2625 TREE 483235N/1094716W CHART FAS OBST: 2674 TREE 483253N/1095225W CHART 2694 MSL TREE 483240N/1095320W DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.25 MILES TO RW07* *LNAV ONLY. WAAS CHANNEL # 99316 REFERENCE PATH ID: W08A							
ETOHO (IAF)		JINTO (FB)		079.20 / 8.90				4500									
YOYNO (IAF)		JINTO (FB)		346.86 / 10.99				4500									
JINTO (IF)		CIBMI (FB)		076.84 / 6.10				4200									
1. PT <u>NA</u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. PROFILE STARTS AT JINTO 3. FAC: <u>076.96</u> FAF: <u>CIBMI</u> DIST FAF TO MAP: <u>4.89</u> THLD: <u>4.89</u> 4. MIN. ALT: <u>JINTO 4500, CIBMI 4200</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>4200</u> GS ALT AT: <u>CIBMI</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>40.0</u> 34:1 IS CLEAR 8. MSA FROM: <u>RW08 8200</u>										MAG VAR: 13E		EPOCH YEAR: 2010					
MINIMUMS																	
TAKEOFF:		STANDARD		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	2835	1	250	2835	1	250	2835	1	250	2835	1	250					
LNAV/VNAV DA	2906	1 1/4	321	2906	1 1/4	321	2906	1 1/4	321	2906	1 1/4	321					
LNAV MDA	3020	1	435	3020	1	435	3020	1 1/4	435	3020	1 1/2	435					
CIRCLING	3060	1	469	3100	1	509	3100	1 1/2	509	3160	2	569					
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20C (-4F) OR ABOVE 43C (109F). CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT YOYNO ON V257-611 SOUTHWEST BOUND. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT ETOHO ON V430 WESTBOUND.																	
CITY AND STATE				ELEVATION: 2591 TDZE: 2585				FACILITY IDENTIFIER: RNAV				PROCEDURE NO./AMDT NO./EFFECTIVE DATE:				SUP:	
HAYRE, MT				AIRPORT NAME:								RNAV (GPS) RWY 8, ORIG				AMDT: NONE	
				HAYRE CITY-COUNTY								17 DEC 2009				DATED	

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KHVR
RUNWAY RW08
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR 0
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W08A
LTP/FTP LATITUDE 483238.5630N
LTP/FTP LONGITUDE 1094621.9790W
LTP/FTP ELLIPSOIDAL HEIGHT +07705
FPAP LATITUDE 483238.4800N
FPAP LONGITUDE 1094407.8900W
THRESHOLD CROSSING HEIGHT (TCH) 00040.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1160
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

EA67A15E

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +07866
FPAP ORTHOMETRIC HEIGHT +07866

CITY AND STATE

HAVRE, MT

ELEVATION: 2591 TDZE: 2585

AIRPORT NAME:

HAVRE CITY-COUNTY

FACILITY
IDENTIFIER:

RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:

RNAV (GPS) RWY 8, ORIG

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHV RK1FR08	AETOH0	010ETOHOK1EA0E	A	IF						18000		A JS	
SUSAP KHV RK1FR08	AETOH0	020JINTOK1EA0EE	B	010TF			07920089	+	04500			A JS	
SUSAP KHV RK1FR08	AYOYNO	010YOYNOK1EA0E	A	IF						18000		A JS	
SUSAP KHV RK1FR08	AYOYNO	020JINTOK1EA0EE	B	010TF			34690110	+	04500			A JS	
SUSAP KHV RK1FR08	R	010JINTOK1EA0E	I	IF				+	04500	18000		A JS	
SUSAP KHV RK1FR08	R	020CIBMIK1EA1E	F	051TF			07680061	+	04200		RW08	K1PGA	JS
SUSAP KHV RK1FR08	R	020CIBMIK1EA2WALPV			ALNAV/VNAV	ALNAV							JS
SUSAP KHV RK1FR08	R	030RW08	K1PG0GY	M	031TF		07700049			02621	-300		A JS
SUSAP KHV RK1FR08	R	040COSOGK1EA0E	M	010DF									A JS
SUSAP KHV RK1FR08	R	050ARHUFK1EA0E	L010TFY				3472						A JS
SUSAP KHV RK1FR08	R	060FIKOBK1EA0E	L010TFY				2570						A JS
SUSAP KHV RK1FR08	R	070ETOHOK1EA0EY	010TF				2305	+	08000				A JS
SUSAP KHV RK1FR08	R	080ETOHOK1EA0EE	R020HM				07690070	+	08000				A JS

[illegible]

QUALITY
CHECKED

CITY AND STATE HAVRE, MT	ELEVATION: 2591 TDZE: 2585 AIRPORT NAME: HAVRE CITY-COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 8, ORIG 17 DEC 2009	SUP:
				AMDT: NONE
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SUSAP KHVRK1PR08	RW08 001	0000W08A0N4832385630W10946219790+077050300N4832384600W10944078900106751160000400F400500EA67A15E
SUSAP KHVRK1PR08	RW08 002E	+07866+07866LPV 99316

SUSAP KHVRK1SRW08 K1PG 0 18018008225 M

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

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	ETOHO	ETOHO	010	IAF	IF		FB				
	ETOHO	JINTO	020	IF	TF		FB	1.0	079.2(092T)	008.9	04500
	YOYNO	YOYNO	010	IAF	IF		FB				
	YOYNO	JINTO	020	IF	TF		FB	1.0	346.9(360T)	011.0	04500
		JINTO	010	FACF	IF		FB				04500
		CIBMI	020	FAF	TF		FB	0.5	076.8(090T)	006.1	04200
		RW08	030	MAP	TF		FO	0.3	077.0(090T)	004.9	02621

MISSED APPROACH		FIX	SEQ	USE	PATH	TURN	PO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
		COSOG	040		DF		FB	1.0			
		ARHUF	050		TF	L	FB	1.0	347.2(360T)		
		FIKOB	060		TF	L	FB	1.0	257.0(270T)		
		ETOHO	070		TF		FO	1.0	230.5(244T)		08000
		ETOHO	080		HM	R	FO	2.0	076.9(090T)	007.0	08000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ARHUF	N484049.60	W1093740.02	N4840.827	W10937.667
	CIBMI	N483238.58	W1095343.80	N4832.643	W10953.730
	COSOG	N483237.97	W1093741.96	N4832.633	W10937.699
	ETOHO	N483259.19	W1101617.20	N4832.987	W11016.287
	FIKOB	N484049.04	W1095246.83	N4840.817	W10952.781
	JINTO	N483237.95	W1100254.33	N4832.633	W11002.906
	YOYNO	N482139.20	W1100251.82	N4821.653	W11002.864
	RW08	N483238.56	W1094621.98	N4832.643	W10946.366

RUNWAY DATA	RWY	THRESHOLD	TCH
		ELEVATION	
	RW08	02581	40

EQUALITY
1
CHECKED

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	AIRPORT NAME: HAVRE CITY-COUNTY			AMDT: NONE
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