

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
HLN VORTAC	KELTY (FO)	263.42 / 20.29	9800	LNAV: RW09
PIXI (IAF)	KELTY (NOPT) (FB)	090.96 / 11.87	9800	
GLUES (IAF)	KELTY (NOPT) (FB)	025.04 / 18.22	9800	CLIMBING LEFT TURN TO 9000 DIRECT SIEBE AND HOLD.
KELTY (IF/IAF)	DOMVE (FB)	080.94 / 7.10	8000	
DOMVE	AXOBE (FB)	081.07 / 2.00	7400	ADDITIONAL FLIGHT DATA: HOLD SE, RT, 313.62 INBOUND. CHART FAS OBST: 5099 TREE 463650N/1120835W CHART: 5256 TREE 463733N/1120920W CHART: 6191 TREE 463706N/1121341W AXOBE TO RW09: 3.50/50. CHART: APT ELEV 3877 CHART: TDZE 3864

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD W KELTY, RT, 080.94 INBOUND, 9800 FT. IN LIEU OF PT (IAF)
- FAC: 086.53 FAF: AXOBE DIST FAF TO MAP: 9.39 THLD: 9.39
- MIN. ALT: KELTY 9800, DOMVE 8000, AXOBE 7400, CENET/6.80 NM TO RW09 6440
- DIST TO THLD FROM OM:        MM:        IM: 150 HAT: 100 HAT:        GS ANT:
- MIN GS INCPT:        GS ALT AT:        OM:        MM:        IM:
- GS ANGLE:        TCH: 34:1 IS NOT CLEAR
- MSA FROM: RW09 10700

MAG VAR: 16E EPOCH YEAR: 1990

**MINIMUMS**

TAKEOFF:	STANDARD	X	SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A	@										
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
LNAV MDA	5440	1 1/4	1576	5440	1 1/2	1576	5440	3	1576	5440	3	1576			
CIRCLING	5440	1 1/4	1563	5440	1 1/2	1563	5440	3	1563	5440	3	1563			

NOTES:  
 CHART NOTE: CIRCLING NA FOR CAT D SOUTH OF RWY 9-27.  
 CHART NOTE: DME/DME RNP-0.3 NA.  
 CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 CHART PROFILE NOTE: VGSI AND DESCENT ANGLES NOT COINCIDENT.

@ CAT A, B 1600-2, CAT C, D 1600-3

CITY AND STATE  HELENA, MT	ELEVATION: 3877 TDZE: 3864	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) Y RWY 9, AMDT 1A	SUP. RNAV (GPS) RWY 9
	AIRPORT NAME:  HELENA REGIONAL		07 MAY 2009	AMDT: 1
				DATED 09/25/2008

QUALITY  
5  
CHECKED

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION  
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ARINC PACKET - 424-18 - RNAV (GPS)

	1	2	3	4	5	6	7	8	9	0	1	2	3
NAVAID	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SUSAD	HLN	K1011770VTHW	N46362456W111571251	N46362456W111571251	E016003823	NARHELENA							I

	1	2	3	4	5	6	7	8	9	0	1	2	3
WP	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SUSAEAENRT	AKOBE K10	W	N46383323W112130941		E0138	NAR	AKOBE						I
SUSAEAENRT	CENET K10	W	N46375948W112092928		E0138	NAR	CENET						I
SUSAEAENRT	DOMVE K10	W	N46384802W112160225		E0139	NAR	DOMVE						I
SUSAEAENRT	GLUES K10	W	L N46255721W112433824		E0140	NAR	GLUES						I
SUSAEAENRT	KELTY K10	W	L N46393996W112261633		E0139	NAR	KELTY						I
SUSAEAENRT	PIXXI K10	C	L N46430880W112424555		E0141	NAR	PIXXI						I
SUSAEAENRT	SIEBE K10	C	L N46530519W112090473		E0139	NAR	SIEBE						I

	1	2	3	4	5	6	7	8	9	0	1	2	3
AIRPORT	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SUSAP	KHLNK1LAHLN	0	090YHN46362450W111585790E016003877		1800018000C	MNAR	HELENA REGIONAL						I

	1	2	3	4	5	6	7	8	9	0	1	2	3
SEGMENT	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890	1234567890
SUSAP	KHLNK1FR09-Y AGLUES	010GLUESK1EA0E	A	IF						18000		B JS	I
SUSAP	KHLNK1FR09-Y AGLUES	020KELTYK1EA0EE		010TF		02500182		+ 09800				B JS	I
SUSAP	KHLNK1FR09-Y AHLN	010HLN	K1D	OV	IF					18000		B JS	I
SUSAP	KHLNK1FR09-Y AHLN	020KELTYK1EA0EY	A	020TF		26340203		+ 09800				B JS	I
SUSAP	KHLNK1FR09-Y AHLN	030KELTYK1EA0EB	CR	HF		08090070		+ 09800				B JS	I
SUSAP	KHLNK1FR09-Y APIXXI	010PIXIK1EA0E	A	IF						18000		B JS	I
SUSAP	KHLNK1FR09-Y APIXXI	020KELTYK1EA0EE		010TF		09100119		+ 09800				B JS	I
SUSAP	KHLNK1FR09-Y R	010KELTYK1EA0E	I	IF				+ 09800		18000		B JS	I
SUSAP	KHLNK1FR09-Y R	011DOMVEK1EA0E	S	051TF		08090071		+ 08000				B JS	I
SUSAP	KHLNK1FR09-Y R	020AXOBK1EA1E	F	051TF		08110020		+ 07400			RW09	K1PGB JS	I
SUSAP	KHLNK1FR09-Y R	020AXOBK1EA2WN			N	ALNAV						JS	I
SUSAP	KHLNK1FR09-Y R	021CENETK1EA0E	S	031TF		08650026		V 0644006483		-350		B JS	I
SUSAP	KHLNK1FR09-Y R	030RW09	K1PGOGY	M	031TF	08650068		03914		-350		B JS	I
SUSAP	KHLNK1FR09-Y R	040SIEBEK1EA0EYM	L010DF					+ 09000				B JS	I
SUSAP	KHLNK1FR09-Y R	050SIEBEK1EA0EE	HR020HM			31360070		+ 09000				B JS	I

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RNAV (GPS) Y RWY 9, AMDT 1A  
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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
	GLUES	GLUES	010	IAF	IF		FB				
	GLUES	KELTY	020		TF		FB	1.0	025.0 (041T)	018.2	09800
	HLN	HLN	010		IF		FB				
	HLN	KELTY	020	IAF	TF		FO	2.0	263.4 (279T)	020.3	09800
	HLN	KELTY	030		HF	R	FO		080.9 (097T)	007.0	09800
	PIXXI	PIXXI	010	IAF	IF		FB				
	PIXXI	KELTY	020		TF		FB	1.0	091.0 (107T)	011.9	09800
		KELTY	010	FACF	IF		FB				09800
		DOMVE	011	SDF	TF		FB	0.5	080.9 (097T)	007.1	08000
		AXOBE	020	FAP	TF		FB	0.5	081.1 (097T)	002.0	07400
		CENET	021	SDF	TF		FB	0.3	086.5 (103T)	002.6	0644006483
		RW09	030	MAP	TF		FO	0.3	086.5 (103T)	006.8	03914

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	SIEBE	040		DF	L	FO	1.0			09000
	SIEBE	050		HM	R	FO	2.0	313.6 (330T)	007.0	09000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	HLN	N463624.56	W1115712.51	N4636.409	W11157.209
	AXOBE	N463833.23	W1121309.41	N4638.554	W11213.157
	CENET	N463759.48	W1120929.28	N4637.991	W11209.488
	DOMVE	N463843.02	W1121602.25	N4638.800	W11216.038
	GLUES	N462557.21	W1124338.24	N4625.954	W11243.637
	KELTY	N463939.96	W1122616.33	N4639.666	W11226.272
	PIXXI	N464308.80	W1124245.55	N4643.147	W11242.759
	SIEBE	N465305.19	W1120904.73	N4653.087	W11209.079
	RW09	N463630.29	W1115951.68	N4636.505	W11159.861

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW09	03864	50

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