

QUALITY
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR 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, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RW23 (MAP)	4300 MSL	230.07	4300
4300 MSL	YENUP (FO)		9000

NOTES, (CONT.):

CHART NOTE: HELICOPTER VISIBILITY REDUCTION BELOW 1SM NOT AUTHORIZED.

CHART NOTE: USE CUT BANK ALTIMETER SETTING, IF NOT RECEIVED USE GREAT FALLS ALTIMETER SETTING AND INCREASE ALL DA 81 FEET AND ALL MDA 100 FT; INCREASE LPV ALL CATS VISIBILITY 3/8 MILE, LNAV/VNAV

ALL CATS, LNAV CATS C/D, CIRC CATS C/D VISIBILITIES 1/4 MILE.

CHART NOTE: RWY 23 STRAIGHT-IN AND CIRCLING NA AT NIGHT.

CITY AND STATE
SHELBY, MT

ELEVATION: 3443 THRE: 3443
AIRPORT NAME:
SHELBY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 23, AMDT 2
12 DECEMBER 2013

SUP:
AMDT: 1
DATED: 08/25/2011



RNAV STANDARD INSTRUMENT APPROACH PROCEDURE
FLIGHT STANDARDS SERVICE - FAR PART 97.33

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FAS DATA BLOCK INFORMATIONDATA FIELDDATA

OPERATION TYPE 0
SBAS SERVICE PROVIDER IDENTIFIER 0
AIRPORT IDENTIFIER KSBX
RUNWAY RW23
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W23A
LTP/FTP LATITUDE 483238.9580N
LTP/FTP LONGITUDE 1115145.7655W
LTP/FTP ELLIPSOIDAL HEIGHT +10347
FPAP LATITUDE 483201.2800N
FPAP LONGITUDE 1115347.2500W
THRESHOLD CROSSING HEIGHT (TCH) 00045.0
TCH UNITS SELECTOR (METERS OR FEET USED) F
GLIDEPATH ANGLE (GPA) 03.00
COURSE WIDTH AT THRESHOLD 106.75
LENGTH OFFSET 1224
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

362320F2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K1
LTP ORTHOMETRIC HEIGHT +10494
FPAP ORTHOMETRIC HEIGHT +10494

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FLIGHT STANDARDS SERVICES - FAR PART 97.33

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ARINC PACKET - 424-18 - RNAV (GPS)

[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	KSBXK1FR23	ABRADZ	010BRADZK1EA0E	IF						18000		A JS	
SUSAP	KSBXK1FR23	ABRADZ	020YENUPK1EA0EY	020TF			01560331	+	09000			A JS	
SUSAP	KSBXK1FR23	ABRADZ	030YENUPK1EA0EE	AR HF			23020070	+	07000			A JS	
SUSAP	KSBXK1FR23	ACTB	010CTB K1D 0V	IF						18000		A JS	
SUSAP	KSBXK1FR23	ACTB	020YENUPK1EA0EY	020TF			06720308	+	09000			A JS	
SUSAP	KSBXK1FR23	ACTB	030YENUPK1EA0EE	AR HF			23020070	+	07000			A JS	
SUSAP	KSBXK1FR23	AWEBVO	010WEBVOK1EA0E	IF						18000		A JS	
SUSAP	KSBXK1FR23	AWEBVO	020YENUPK1EA0EY	020TF			29560064	+	09000			A JS	
SUSAP	KSBXK1FR23	AWEBVO	030YENUPK1EA0EE	AR HF			23020070	+	07000			A JS	
SUSAP	KSBXK1FR23	R	010YENUPK1EA0E	I IF						18000		A JS	
SUSAP	KSBXK1FR23	R	020JIKBOK1EA1E	F 051TF			23020075	+	05100		RW23	K1PGA	JS
SUSAP	KSBXK1FR23	R	020JIKBOK1EA2WALPV		ALNAV/VNAV	ALNAV							JS
SUSAP	KSBXK1FR23	R	021ZIRTAK1EA0E	S 031TF			23010033	V	0406004061		-300		A JS
SUSAP	KSBXK1FR23	R	030RW23 K1PG0GY	M 031TF			23010018		03488		-300		A JS
SUSAP	KSBXK1FR23	R	040	0 M CA			2301	+	04300				A JS
SUSAP	KSBXK1FR23	R	050YENUPK1EA0EY	R DF					09000				A JS
SUSAP	KSBXK1FR23	R	060YENUPK1EA0EE	R HM			23020070	+	09000				A JS

[illegible]

CITY AND STATE
SHELBY, MT

ELEVATION: 3443
AIRPORT NAME:

THRE: 3443

FACILITY
IDENTIFIER:

PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE:
RNAV (GPS) RWY 23, AMDT 2

SUP:

AMDT: 1

DATED: 08/25/2011

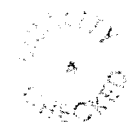
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	1	2	3	4	5	6	7	8	9	0	1	2	3
PP	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KSBXK1PR23	RW23 001	0000W23A0N4832389580W11151457655+103470300N4832012800W11153472500106751224000450F400500362320F2										
	SUSAP KSBXK1PR23	RW23 002E	+10494+10494LPV 78026										
	1	2	3	4	5	6	7	8	9	0	1	2	3
MSA	12345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012												

	SUSAP KSBXK1SRW23 K1PG	0	18018008225	M									



CITY AND STATE SHELBY, MT	ELEVATION: 3443	THRE: 3443	FACILITY IDENTIFIER: RNAV	PROCEDURE NO. / AMDT NO. / EFFECTIVE DATE: RNAV (GPS) RWY 23, AMDT 2 12 DECEMBER 2013	SUP:
	AIRPORT NAME: SHELBY				AMDT: 1
					DATED: 08/25/2011

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ARINC SUMMARY - 424-18 - RNAV (GPS)

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
	BRADZ	BRADZ	010		IF		FB					
	BRADZ	YENUP	020		TF		FO	2.0	015.6 (030.6T)	033.1	AA 09000	
	BRADZ	YENUP	030	IAF	HF	R	FO		230.2 (245.2T)	007.0	AA 07000	
	CTB	CTB	010		IF		FB					
	CTB	YENUP	020		TF		FO	2.0	067.2 (082.2T)	030.8	AA 09000	
	CTB	YENUP	030	IAF	HF	R	FO		230.2 (245.2T)	007.0	AA 07000	
	WEBVO	WEBVO	010		IF		FB					
	WEBVO	YENUP	020		TF		FO	2.0	295.6 (310.6T)	006.4	AA 09000	
	WEBVO	YENUP	030	IAF	HF	R	FO		230.2 (245.2T)	007.0	AA 07000	
		YENUP	010	FACF	IF		FB				AA 07000	
		JIKBO	020	FAF	TF		FB	0.5	230.2 (245.2T)	007.5	AA 05100	
		ZIRTA	021	SDF	TF		FB	0.3	230.1 (245.1T)	003.3	AA 04060	GS 04061
		RW23	030	MAP	TF		FO	0.3	230.1 (245.1T)	001.8	AT 03488	

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE	SPEED
		040		CA		FB		230.1 (245.1T)		AA 04300	
	YENUP	050		DF	R	FO				AA 09000	
	YENUP	060		HM	R	FO		230.2 (245.2T)	007.0	AA 09000	

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	CTB	N483353.81	W1122035.72	N4833.897	W11220.595
	BRADZ	N480932.83	W1115956.18	N4809.547	W11159.936
	JIKBO	N483447.11	W1114451.31	N4834.785	W11144.855
	WEBVO	N483346.65	W1112717.11	N4833.778	W11127.285
	YENUP	N483756.16	W1113436.34	N4837.936	W11134.606
	ZIRTA	N483324.58	W1114918.45	N4833.410	W11149.308
	RW23	N483238.96	W1115145.77	N4832.649	W11151.763

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	03443	45

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