

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	LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 2600 DIRECT CELES AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 054.38 INBOUND. CHART FAS OBST: 549 TREE 372148N/0872324W DISTANCE TO THLD FROM 322 HAT: 0.87 NM. CHART VDP AT 1.06 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 77911 REFERENCE PATH ID: W23A	
BITRE (IAF)	LOREE (NOPT) (FB)	324.65 / 5.00	2600		
FANOF (IAF)	LOREE (NOPT) (FB)	144.57 / 5.00	2600		
LOREE (IF/IAF)	MEDIE (FB)	234.61 / 6.24	2000		
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD NE LOREE, RT, 234.61 INBOUND, 2600 FT. IN LIEU OF PT (IAF) 3. FAC: <u>234.55</u> FAF: <u>MEDIE</u> DIST FAF TO MAP: <u>4.76</u> THLD: <u>4.76</u> 4. MIN. ALT: <u>LOREE 2600, MEDIE 2000</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>2000</u> GS ALT AT: <u>MEDIE</u> OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: <u>3.00</u> TCH: <u>45.0</u> 34:1 IS CLEAR 8. MSA FROM: <u> </u>				MAG VAR: 3W EPOCH YEAR: 2010	
MINIMUMS					
TAKEOFF:	<input type="checkbox"/> STANDARD	<input checked="" type="checkbox"/> SEE FAA FORM 8260-15A FOR THIS AIRPORT	ALTERNATE: N A <input checked="" type="checkbox"/>		
CATEGORY =====>	A		B		C
	DH/MDA	VIS	HAT/HAA	DH/MDA	VIS
LPV DA	740	1 1/4	322	740	1 1/4
LNAV/VNAV DA	819	1 1/2	401	819	1 1/2
LNAV MDA	800	1	382	800	1
CIRCLING	880	1	441	900	1
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE EVANSVILLE REGIONAL ALTIMETER SETTING AND INCREASE ALL DA/MDA 100 FEET, INCREASE LPV AND LNAV/VNAV ALL CATS, LNAV CATS C AND D SEE 8260-10					
CITY AND STATE		ELEVATION: 439 TDZE: 418		PROCEDURE NO./AMDT NO./EFFECTIVE DATE:	
MADISONVILLE, KY		AIRPORT NAME: MADISONVILLE MUNI		RNAV (GPS) RWY 23, ORIG 07 MAY 2009	
		FACILITY IDENTIFIER: RNAV		SUP: AMDT: NONE DATED	

CHECKED

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NOTES CONT.

VISIBILITY 1/4 MILE.

CHART NOTE: BARO-VNAV AND VDP NA WHEN USING EVANSVILLE REGIONAL ALTIMETER SETTING.

TAA

	FROM	TO	ALT
1.	145/30 CW 325/30 (NOPT)	LOREE (IF/IAF) (FB)	2600
2.	325/30 CW 055/30	BITRE (IAF) (FB)	2600
3.	055/30 CW 145/30	FANOF (IAF) (FB)	2600

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FAS DATA BLOCK INFORMATION

DATA FIELD

DATA

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	210
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	372139.9700N
LTP/FTP LONGITUDE	0872324.2800W
LTP/FTP ELLIPSOIDAL HEIGHT	+00972
FPAP LATITUDE	372044.4300N
FPAP LONGITUDE	0872451.7300W
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	0904
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

5F4989D1

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01274
FPAP ORTHOMETRIC HEIGHT	+01274

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP	210	K5FR23	ABITRE	010BITREK5EA0E	A	IF				18000		A	JS
SUSAP	210	K5FR23	ABITRE	020LOREEK5EA0EE	010TF		32470050	+ 02600				A	JS
SUSAP	210	K5FR23	AFANOF	010FANOFK5EA0E	A	IF				18000		A	JS
SUSAP	210	K5FR23	AFANOF	020LOREEK5EA0EE	010TF		14460050	+ 02600				A	JS
SUSAP	210	K5FR23	ALOREE	010LOREEK5EA0EE	CR	HF	23460040	+ 02600		18000		A	JS
SUSAP	210	K5FR23	R	010LOREEK5EA0E	I	IF		+ 02600		18000		A	JS
SUSAP	210	K5FR23	R	020MEDIK5EA1E	F	051TF	23460062	+ 02000				A	JS
SUSAP	210	K5FR23	R	020MEDIK5EA2WALPV			ALNAV/VNAV	ALNAV					JS
SUSAP	210	K5FR23	R	030RW23	K5PG0GY	M	031TF	23460048	00463	-300		A	JS
SUSAP	210	K5FR23	R	040CELESK5EA0EYM	010DF			+ 02600				A	JS
SUSAP	210	K5FR23	R	050CELESK5EA0EE	HR020HM		05440040	+ 02600				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
	BITRE	BITRE	010	IAF	IF		FB				
	BITRE	LOREE	020		TF		FB	1.0	324.7 (322T)	005.0	02600
	FANOF	FANOF	010	IAF	IF		FB				
	FANOF	LOREE	020		TF		FB	1.0	144.6 (142T)	005.0	02600
	LOREE	LOREE	010		HF	R	FB		234.6 (232T)	004.0	02600
		LOREE	010	FACF	IF		FB				02600
		MEDIE	020	FAF	TF		FB	0.5	234.6 (232T)	006.2	02000
		RW23	030	MAP	TF		FO	0.3	234.6 (232T)	004.8	00463

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	CELES	040		DF		FO	1.0			02600
	CELES	050		HM	R	FO	2.0	054.4 (051T)	004.0	02600

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BITRE	N372435.34	W0870841.57	N3724.589	W08708.693
	CELES	N371355.41	W0873533.72	N3713.924	W08735.562
	FANOF	N373226.19	W0871629.66	N3732.437	W08716.494
	LOREE	N372830.83	W0871235.41	N3728.514	W08712.590
	MEDIE	N372438.01	W0871843.54	N3724.634	W08718.726
	RW23	N372139.97	W0872324.28	N3721.666	W08723.405

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00418	45

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4