

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

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TERMINAL ROUTES				MISSED APPROACH
FROM	TO	COURSE AND DISTANCE	ALTITUDE	
ENL VORTAC	OFEND (FO)	080.92 / 27.10	2400	LPV: DA LNAV/VNAV: DA LNAV: RW23 CLIMB TO 3000 DIRECT GEJTO AND HOLD. ADDITIONAL FLIGHT DATA: HOLD SW, RT, 050.95 INBOUND. CHART FAS OBST: 556 TREE 382014N/0885034W CHART FAS OBST: 709 TREE 382033N/0884823W DISTANCE TO THLD FROM 250 HAT: 0.63 NM. CHART VDP AT 1.38 MILES TO RW23* *LNAV ONLY. WAAS CHANNEL # 58010 REFERENCE PATH ID: W23A
CRATS (IAF)	OFEND (NOPT) (FB)	131.69 / 7.05	2400	
OFEND (IF/IAF)	YUCBI (FB)	231.25 / 9.96	2400	

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD NE OFEND, RT, 231.25 INBOUND, 2400 FT. IN LIEU OF PT (IAF)
- FAC: 231.13 FAF: YUCBI DIST FAF TO MAP: 5.81 THLD: 5.81
- MIN. ALT: OFEND 2400, YUCBI 2400, CUGOX/3.30 NM TO RW23 1580*
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 100 HAT: GS ANT:
- MIN GS INCPT: 2400 GS ALT AT: YUCBI OM: MM: IM:
- GS ANGLE: 3.00 TCH: 52.1 34:1 IS CLEAR
- MSA FROM: RW23 2600

MAG VAR: 1W EPOCH YEAR: 2000

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	721	1/2	250	721	1/2	250	721	1/2	250	721	1/2	250			
LNAV/VNAV DA	873	1	402	873	1	402	873	1	402	873	1	402			
LNAV MDA	960	1/2	489	960	1/2	489	960	3/4	489	960	1	489			
CIRCLING	1000	1	520	1000	1	520	1000	1 1/2	520	1140	2	660			

NOTES:
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -15C (5F) OR ABOVE 48C (118F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE.
 CHART NOTE: DME/DME RNP-0.3 NA.
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRATS VIA V52 AND V446 WESTBOUND.
 *LNAV ONLY
 SEE 8260-10

CITY AND STATE MOUNT VERNON, IL	ELEVATION: 480 TDZE: 471 AIRPORT NAME: MOUNT VERNON	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 23, ORIG 20 NOV 2008	SUP: AMDT: NONE DATED
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NOTES CONT.

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTRALIA ALTIMETER SETTING AND INCREASE ALL DA 45 FEET AND ALL MDA 60 FEET, AND INCREASE LNAV CAT C/D AND CIRCLING CAT D VISIBILITY 1/4 MILE.

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

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

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL AT ENL VORTAC ON AIRWAY RADIALS 042 CW 110.

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				AMDT: NONE
				DATED:

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

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KMVN
RUNWAY	RW23
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W23A
LTP/FTP LATITUDE	381945.3500N
LTP/FTP LONGITUDE	0885057.7985W
LTP/FTP ELLIPSOIDAL HEIGHT	+01123
FPAP LATITUDE	381904.1300N
FPAP LONGITUDE	0885200.3000W
THRESHOLD CROSSING HEIGHT (TCH)	00052.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.50
LENGTH OFFSET	0000
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER 1581334F

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01426
FPAP ORTHOMETRIC HEIGHT	+01426

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	AIRPORT NAME: MOUNT VERNON			AMDT: NONE
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QUALITY
CHECKED

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ARINC FLIGHT INSPECTION SUMMARY - VERSION 424-18

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	CRATS	CRATS	010	IAF	IF		FB				
	CRATS	OFEND	020		TF		FB	1.0	131.7(131T)	007.1	02400
	ENL	ENL	010		IF		FB				
	ENL	OFEND	020		TF		FO	2.0	080.9(080T)	027.1	02400
	ENL	OFEND	030		HF	R	FO		231.3(230T)	004.0	02400
		OFEND	010	FACF	IF		FB				02400
		YUCBI	020	FAF	TF		FB	1.0	231.3(230T)	010.0	02400
		CUGOX	021	SDF	TF		FB	0.3	231.1(230T)	002.5	01580
		RW23	030	MAP	TF		FO	0.3	231.1(230T)	003.3	00520

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE
	GEJTO	040		DF		FO	1.0			03000
	GEJTO	050		HM	R	FO	2.0	051.0(050T)	004.0	03000

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	ENL	N382512.08	W0890932.46	N3825.201	W08909.541
	CRATS	N383428.41	W0884221.99	N3834.474	W08842.367
	CUGOX	N382152.53	W0884744.75	N3821.876	W08847.746
	GEJTO	N381204.39	W0890234.82	N3812.073	W08902.580
	OFEND	N382952.15	W0883533.41	N3829.869	W08835.557
	YUCBI	N382329.20	W0884517.79	N3823.487	W08845.297
	RW23	N381945.35	W0885057.80	N3819.756	W08850.963

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW23	00468	52

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