

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		
CRATS	GEJTO (FO)	216.49 / 27.45	3000	LPV: DA LNAV/VNAV: DA LNAV: RW05	
AYAZE (IAF)	GEJTO (NOPT) (FB)	132.00 / 4.97	3000	CLIMB TO 2400 DIRECT OFEND AND HOLD.	
EWING (IAF)	GEJTO (NOPT) (FB)	327.62 / 9.38	3000		
GEJTO (IF/IAF)	YOPZU (FB)	050.95 / 6.11	2100	ADDITIONAL FLIGHT DATA: HOLD NE, RT, 231.25 INBOUND. CHART FAS OBST: 568 TREE 381913N/0885207W CHART FAS OBST: 629 TREE 381938N/0885200W DISTANCE TO THLD FROM 332 HAT: 0.88 NM. WAAS CHANNEL # 48910 REFERENCE PATH ID: W05A	

- PT        SIDE OF COURSE        OUTBOUND        FT WITHIN        MILES OF        (IAF)
- HOLD SW GEJTO, RT, 050.95 INBOUND, 3000 FT. IN LIEU OF PT (IAF)
- FAC: 051.01 FAF: YOPZU DIST FAF TO MAP: 4.89 THLD: 4.89
- MIN. ALT: GEJTO 3000, YOPZU 2100, HESUR/2.50 NM TO RW05 1320\*
- DIST TO THLD FROM OM:        MM:        IM:        150 HAT:        100 HAT:        GS ANT:
- MIN GS INCP: 2100 GS ALT AT: YOPZU OM:        MM:        IM:
- GS ANGLE: 3.00 TCH: 55.0 34:1 IS NOT CLEAR
- MSA FROM: RW05 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	802	1 1/4	332	802	1 1/4	332	802	1 1/4	332	802	1 1/4	332				
LNAV/VNAV DA	838	1 1/4	368	838	1 1/4	368	838	1 1/4	368	838	1 1/4	368				
LNAV MDA	880	1	410	880	1	410	880	1 1/4	410	880	1 1/4	410				

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 NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.  
 CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT CRATS VIA V-429 NORTHEAST BOUND.  
 SEE 8260-10

CITY AND STATE <b>MOUNT VERNON, IL</b>	ELEVATION: 480 TDZE: 470 AIRPORT NAME: <b>MOUNT VERNON</b>	FACILITY IDENTIFIER: <b>RNAV</b>	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: <b>RNAV (GPS) RWY 5, ORIG 20 NOV 2008</b>	SUP: AMDT: <b>NONE</b> DATED
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**NOTES CONT.**

**CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT AYAZE VIA V-67 NORTHBOUND, AND AT EWING VIA V429 SOUTHBOUND.**

**CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.**

**\*LNAV ONLY**

**CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE CENTRALIA ALTIMETER SETTING AND INCREASE ALL DA 45 FEET, ALL MDA 60 FEET, AND INCREASE LNAV/VNAV ALL CATS VISIBILITY 1/4 MILE,**

**LNAV AND CIRCLING CAT D VISIBILITY 1/4 MILE.**

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

CITY AND STATE  
MOUNT VERNON, IL

ELEVATION: 480 TDZE: 470  
AIRPORT NAME:  
MOUNT VERNON

FACILITY IDENTIFIER:  
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:  
RNAV (GPS) RWY 5, ORIG  
20 NOV 2008

SUP:  
AMDT: NONE  
DATED:

QUALITY  
2008

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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	RW05
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W05A
LTP/FTP LATITUDE	381909.0415N
LTP/FTP LONGITUDE	0885152.8550W
LTP/FTP ELLIPSOIDAL HEIGHT	+01122
FPAP LATITUDE	382006.2900N
FPAP LONGITUDE	0885026.0400W
THRESHOLD CROSSING HEIGHT (TCH)	00055.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1008
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

**CRC REMAINDER** 5AEA16FC

**ADDITIONAL PATH POINT RECORD INFORMATION**

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+01425
FPAP ORTHOMETRIC HEIGHT	+01425

CITY AND STATE MOUNT VERNON, IL	ELEVATION: 480 TDZE: 470	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 5, ORIG 20 NOV 2008	SUP:
	AIRPORT NAME: MOUNT VERNON			AMDT: NONE
				DATED:

QUALITY CHECKED



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PP 1 2 3 4 5 6 7 8 9 0 1 2 3  
 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMVNK5PR05 RW05 001 0000W05A0N3819090415W08851528550+011220300N3820062900W08850260400106751008000550F4005005AEA16FC  
 SUSAP KMVNK5PR05 RW05 002E +01425+01425LPV 48910 000

MSA 1 2 3 4 5 6 7 8 9 0 1 2 3  
 1234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012

SUSAP KMVNK5SRW05 K5PG 0 18018002625 M

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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
	AYAZE	AYAZE	010	IAF	IF		FB				
	AYAZE	GEJTO	020		TF		FB	1.0	132.0(131T)	005.0	03000
	CRATS	CRATS	010		IF		FB				
	CRATS	GEJTO	020		TF		FO	2.0	216.5(216T)	027.5	03000
	CRATS	GEJTO	030		HF	R	FO		051.0(050T)	004.0	03000
	EWING	EWING	010	IAF	IF		FB				
	EWING	GEJTO	020		TF		FB	1.0	327.6(327T)	009.4	03000
		GEJTO	010	FACF	IF		FB				03000
		YOPZU	020	FAF	TF		FB	0.5	051.0(050T)	006.1	02100
		HESUR	021	SDF	TF		FB	0.3	051.0(050T)	002.4	01320
		RW05	030	MAP	TF		FO	0.3	051.0(050T)	002.5	00522

MISSED APPROACH	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG (TRUE)	DISTANCE	ALTITUDE
	OFEND	040		DF		FO	1.0			02400
	OFEND	050		HM	R	FO	2.0	231.3(230T)	004.0	02400

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	AYAZE	N381520.50	W0890720.58	N3815.342	W08907.343
	CRATS	N383428.41	W0884221.99	N3834.474	W08842.367
	EWING	N380414.07	W0885602.04	N3804.235	W08856.034
	GEJTO	N381204.39	W0890234.82	N3812.073	W08902.580
	HESUR	N381732.61	W0885418.94	N3817.544	W08854.316
	OFEND	N382952.15	W0883533.41	N3829.869	W08835.557
	YOPZU	N381600.48	W0885638.35	N3816.008	W08856.639
	RW05	N381909.04	W0885152.86	N3819.151	W08851.881

RUNWAY DATA	RWY	THRESHOLD ELEVATION	TCH
	RW05	00467	55

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	AIRPORT NAME: MOUNT VERNON			AMDT: NONE
				DATED: 2/24/11