

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										MISSED APPROACH							
FROM	TO	COURSE AND DISTANCE				ALTITUDE		LPV: DA LNAV/VNAV: DA LNAV: RW10 CLIMB TO 2800 DIRECT PATIE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 283.87 INBOUND. CHART FAS OBST: 1354 TREE 402009N/0823526W CHART: 1361 TREE 401954N/0823551W DISTANCE TO THLD FROM 325 HATH: 0.90 NM. CHART VDP AT 1.23 MILES TO RW10* *LNAV ONLY. WAAS CHANNEL # 63123 REFERENCE PATH ID: W10A LTP HAE: 327.9 M									
APE VORTAC	JUPOK (FB)	288.81 / 11.66				3000											
MFD VORTAC	USUDE (FB)	206.11 / 26.71				3000											
JUPOK (IAF)	BONIF (NOPT) (FB)	013.48 / 9.90				3000											
USUDE (IAF)	BONIF (NOPT) (FB)	193.51 / 5.60				3000											
GUNNE (IAF)	BONIF (NOPT) (FB)	096.95 / 19.52				3000											
BONIF (IF/IAF)	ETMEW (FB)	103.50 / 7.00				3000											
ETMEW (FAF)	RINGR/2.70 NM TO RW10 (FB)	103.60 / 2.87															
(SEE FORM 8260-10)																	
1. PT <u> </u> SIDE OF COURSE <u> </u> OUTBOUND <u> </u> FT WITHIN <u> </u> MILES OF <u> </u> (IAF) 2. HOLD W BONIF, RT, 103.50 INBOUND, 3000 FT. IN LIEU OF PT (IAF) 3. FAC: 103.60 FAF: ETMEW DIST FAF TO MAP: 5.57 THLD: 5.57 4. MIN. ALT: BONIF 3000, ETMEW 3000, RINGR/2.70 NM TO RW10 2080* 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: 3000 GS ALT AT: ETMEW 3000 OM: <u> </u> MM: <u> </u> IM: <u> </u> 7. GS ANGLE: 3.00 TCH: 40.0 34:1 IS NOT CLEAR 8. MSA FROM: RW10 3100										MAG VAR: 6W EPOCH YEAR: 1990							
MINIMUMS																	
TAKEOFF: 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	1516	1 1/8	329	1516	1 1/8	329	1516	1 1/8	329	1516	1 1/8	329					
LNAV/VNAV DA	1512	1 1/8	325	1512	1 1/8	325	1512	1 1/8	325	1512	1 1/8	325					
LNAV MDA	1620	1	433	1620	1	433	1620	1 1/4	433	1620	1 1/4	433					
CIRCLING	1660	1	469	1660	1	469	1660	1 1/2	469	1780	2	589					
NOTES: CHART NOTE: DME/DME RNP-0.3 NA. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON MFD VORTAC AIRWAY RADIALS 142 CW 279. CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVAL ON APE VORTAC AIRWAY RADIALS 235 CW 006. CHART NOTE: BARO-VNAV AND VDP NA WHEN USING NEWARK ALTIMETER SETTING. (SEE FORM 8260-10)																	
CITY AND STATE		ELEVATION: 1191 THRE: 1187		AIRPORT NAME:		FACILITY IDENTIFIER:		PROCEDURE NO./AMDT NO/EFFECTIVE DATE:				SUP:					
MOUNT VERNON, OH				KNOX COUNTY		RNAV		RNAV (GPS) RWY 10, AMDT 1 25 AUG 2011				AMDT: ORIG					
												DATED 01/15/2009					

QUALITY
4
CHECKED

US DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION
RNAV - STANDARD
INSTRUMENT APPROACH PROCEDURE - TITLE 14 CFR PART 97.33

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TERMINAL ROUTES, (CONT.):

FROM	TO	COURSE AND DISTANCE	ALTITUDE
RINGR/2.70 NM TO RW10	RW10 (MAP) (FO)	103.64 / 2.70	
RW10 (MAP)	1512 MSL	103.64	
1512 MSL	PATIE (FO)		2800

NOTES, (CONT.):

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -17C (2F) OR ABOVE 36C (96F).
CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE NEWARK ALTIMETER SETTING AND INCREASE ALL DA 86 FEET AND ALL MDA 100 FEET AND INCREASE LPV ALL CATS, LNAV/VNAV ALL CATS, LNAV CAT C AND D, AND CIRCLING CAT D VISIBILITY 1/4 MILE.
CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA.

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CITY AND STATE
MOUNT VERNON, OH

ELEVATION: 1191 THRE: 1187
AIRPORT NAME:
KNOX COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 10, AMDT 1
25 AUG 2011

SUP:
AMDT: ORIG
DATED: 01/15/2009

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

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FAS DATA BLOCK INFORMATION**DATA FIELD****DATA**

OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	413
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	401947.7165N
LTP/FTP LONGITUDE	0823209.0475W
LTP/FTP ELLIPSOIDAL HEIGHT	+03279
FPAP LATITUDE	401935.7900N
FPAP LONGITUDE	0823013.6000W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1072
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

D225B660

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+03618
FPAP ORTHOMETRIC HEIGHT	+03618

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CITY AND STATE MOUNT VERNON, OH	ELEVATION: 1191 THRE: 1187 AIRPORT NAME: KNOX COUNTY	FACILITY IDENTIFIER: RNAV	PROCEDURE NO./ AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 10, AMDT 1 25 AUG 2011	SUP:
				AMDT: ORIG
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[illegible][illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP 4I3 K5FR10	AAPE	010APE	K5D 0V	IP					18000			A JS	
SUSAP 4I3 K5FR10	AAPE	020JUPUKK5EA0E	A 020TF		28880117		+ 03000					A JS	
SUSAP 4I3 K5FR10	AAPE	030BONIFK5EA0EE	B 010TF		01350099		+ 03000					A JS	
SUSAP 4I3 K5FR10	ABONIF	010BONIFK5EA0EE	AR HF		10350040		+ 03000	18000				A JS	
SUSAP 4I3 K5FR10	AGUNNE	010GUNNEK5EA0E	A IF					18000				A JS	
SUSAP 4I3 K5FR10	AGUNNE	020BONIFK5EA0EE	B 010TF		09700195		+ 03000					A JS	
SUSAP 4I3 K5FR10	AMFD	010MFD	K5D 0V	IF				18000				A JS	
SUSAP 4I3 K5FR10	AMFD	020USUDEK5EA0E	A 020TF		20610267		+ 03000					A JS	
SUSAP 4I3 K5FR10	AMFD	030BONIFK5EA0EE	B 010TF		19350056		+ 03000					A JS	
SUSAP 4I3 K5FR10	R	010BONIFK5EA0E	I IF				+ 03000	18000				A JS	
SUSAP 4I3 K5FR10	R	020ETMEWK5EA1E	F 051TF		10350070		+ 03000				RW10	K5PGA JS	
SUSAP 4I3 K5FR10	R	020ETMEWK5EA2WALPV		ALNAV/VNAV ALNAV								JS	
SUSAP 4I3 K5FR10	R	021RINGRK5EA0E	S 031TF		10360029		V 0208002087		-300			A JS	
SUSAP 4I3 K5FR10	R	030RW10 K5PGOGY	M 031TF		10360027		01227		-300			A JS	

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