

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: RW09 CLIMB TO 2900 DIRECT ONILE AND HOLD. ADDITIONAL FLIGHT DATA: HOLD E, RT, 267.76 INBOUND. CHART FAS OBST: 998 TREE 414626N/0804249W CHART FAS OBST: 1029 TREE 414613N/0804200W DISTANCE TO THLD FROM 331 HAT: 0.94 NM. WAAS CHANNEL # 58013 REFERENCE PATH ID: W09A LTP HAE: 242.2 M											
SYMES	PUYKU (FB)	228.48 / 8.46	2800												
BARLY	KOCEQ (FB)	314.19 / 18.18	3000												
PUYKU (IAF)	NOJWE (NOPT) (FB)	177.41 / 5.00	2800												
KOCEQ (IAF)	NOJWE (NOPT) (FB)	357.43 / 5.00	2800												
NOJWE (IF/IAF)	DIGAW (FB)	087.42 / 6.10	2500												
DIGAW	MACEN/1.70 NM TO RW09 (FB)	087.51 / 3.10													
(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 NOJWE, RT, 087.42 INBOUND, 2800 FT. IN LIEU OF PT (IAF)															
3. FAC: <u>087.51</u> FAF: <u>DIGAW</u> DIST FAF TO MAP: <u>4.80</u> THLD: <u>4.80</u>															
4. MIN. ALT: NOJWE 2800, DIGAW 2500, MACEN/1.70 NM TO RW09 1480*															
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>2500</u> GS ALT AT: <u>DIGAW</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 NOT CLEAR <u> </u>															
8. MSA FROM: <u>RW09 3000</u>															
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	1250	1 1/4	331	1250	1 1/4	331	1250	1 1/4	331	1250	1 1/4	331			
LNAV/VNAV DA	1268	1 1/4	349	1268	1 1/4	349	1268	1 1/4	349	1268	1 1/4	349			
LNAV MDA	1280	1	361	1280	1	361	1280	1	361	1280	1 1/4	361			
CIRCLING	1360	1	436	1380	1	456	1380	1 1/2	456	1480	2	556			
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C (4F) OR ABOVE 47C (116F). @ NA WHEN LOCAL WEATHER NOT AVAILABLE. CHART NOTE: DME/DME RNP-0.3 NA. CHART NOTE: VISIBILITY REDUCTION BY HELICOPTERS NA. CHART PROFILE NOTE: VGSI AND RNAV GLIDE PATH NOT COINCIDENT. (SEE FORM 8260-10)															
CITY AND STATE		ELEVATION: 924 TDZE: 919		FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMD'T NO./EFFECTIVE DATE:				SUP: RNAV (GPS) RWY 8					
ASHTABULA, OH		AIRPORT NAME: ASHTABULA COUNTY		RNAV		RNAV (GPS) RWY 9, ORIG-A 15 DEC 2011				AMD'T: ORIG					
										DATED 07/02/2009					

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
MACEN/1.70 NM TO RW09	RW09 (MAP) (FO)	087.55 / 1.70	
RW09 (MAP)	1250 MSL	087.55	
1250 MSL	ONILE (FO)		2900

NOTES, (CONT.):

*LNAV ONLY

CHART NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE ERIE ALTIMETER SETTING AND INCREASE ALL

DA 95 FEET AND ALL MDA 100 FEET. INCREASE LPV AND LNAV/VNAV VISIBILITY 1/4 MILE ALL CATS, LNAV

CAT C/D VISIBILITY 1/4 MILE.

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

QUALITY
1
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CITY AND STATE
ASHTABULA, OH

ELEVATION: 924 TDZE: 919
 AIRPORT NAME:
 ASHTABULA COUNTY

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./ AMDT NO./EFFECTIVE DATE:
 RNAV (GPS) RWY 9, ORIG-A
 15 DEC 2011

SUP: RNAV (GPS) RWY 8
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U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

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 KHZY
RUNWAY RW09
APPROACH PERFORMANCE DESIGNATOR 0
ROUTE INDICATOR
REFERENCE PATH DATA SELECTOR 0
REFERENCE PATH IDENTIFIER (APPROACH ID) W09A
LTP/FTP LATITUDE 414635.6200N
LTP/FTP LONGITUDE 0804217.4400W
LTP/FTP ELLIPSOIDAL HEIGHT +02422
FPAP LATITUDE 414653.2500N
FPAP LONGITUDE 0804020.7000W
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 1168
HORIZONTAL ALERT LIMIT (HAL) 40.0
VERTICAL ALERT LIMIT (VAL) 50.0

CRC REMAINDER

3E85EEF4

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K5
LTP ORTHOMETRIC HEIGHT +02764
FPAP ORTHOMETRIC HEIGHT +02764

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[illegible][illegible]

SEGMENT	1	2	3	4	5	6	7	8	9	0	1	2	3
SUSAP KHZYK5FR09	ABARLY	010BARLYK5EA0E	IF						18000		A JS	I	
SUSAP KHZYK5FR09	ABARLY	020KOCQK5EA0E	A 020TF			31420182	+ 03000				A JS	I	
SUSAP KHZYK5FR09	ABARLY	030NOJWEK5EA0EE	B 010TF			35740050	+ 02800				A JS	I	
SUSAP KHZYK5FR09	ANOJWE	010NOJWEK5EA0EE	AR HF			08740040	+ 02800		18000		A JS	I	
SUSAP KHZYK5FR09	ASYMES	010SYMESK5EA0E	IF						18000		A JS	I	
SUSAP KHZYK5FR09	ASYMES	020PUYKUK5EA0E	A 020TF			22850085	+ 02800				A JS	I	
SUSAP KHZYK5FR09	ASYMES	030NOJWEK5EA0EE	B 010TF			17740050	+ 02800				A JS	I	
SUSAP KHZYK5FR09	R	010NOJWEK5EA0E	I IF				+ 02800		18000		A JS	I	
SUSAP KHZYK5FR09	R	020DIGAWK5EA1E	F 051TF			08740061	+ 02500			RW09 K5PGA	JS	I	
SUSAP KHZYK5FR09	R	020DIGAWK5EA2WALPV		ALNAV/VNAV	ALNAV						JS	I	
SUSAP KHZYK5FR09	R	021MACENK5EA0E	S 031TF			08750031	V 0148001496		-300		A JS	I	
SUSAP KHZYK5FR09	R	030RW09 K5PGOGY	M 031TF			08760017	00952		-300		A JS	I	
SUSAP KHZYK5FR09	R	040	0 M CA			0876	+ 01250				A JS	I	
SUSAP KHZYK5FR09	R	050ONILEK6EA0EY	DF				+ 02900				A JS	I	
SUSAP KHZYK5FR09	R	060ONILEK6EA0EE	R HM			26780040	+ 02900				A JS	I	

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