

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										
PUYKU (IAF)				NOJWE (NOPT) (TF) (FB) (RNP 1.00)			177.42 / 8.00				2800		CLIMB TO 3000 DIRECT ONILE AND HOLD.										
KOCEQ (IAF)				NOJWE (NOPT) (TF) (FB) (RNP 1.00)			357.47 / 8.00				2800												
NOJWE (IF/IAF)				DIGAW (TF) (FB) (RNP 1.00)			087.44 / 5.00				2500												
DIGAW (FAF)				MACEN/1.60 NM TO RW09 (TF) (FB) (RNP 0.30)			087.52 / 3.26																
MACEN/1.60 NM TO RW09 (SEE FORM 8260-10) THIS IS A CORRECTED COPY OF A PROCEDURE ORIGINALLY PUBLISHED IN TL 17-19.				RW09 (MAP) (TF) (FO) (RNP 0.30)			087.52 / 1.60						ADDITIONAL FLIGHT DATA: HOLD E, RT, 267.75 INBOUND. CHART FAS OBST: 1012 TREE 414653N/0804211W DISTANCE TO THLD FROM 250 HAT: 0.67 NM. CHART VDP AT 1.03 NM TO RW09* *LNAV ONLY. WAAS CHANNEL # 58013 REFERENCE PATH ID: W09A CHART CIRCLING ICON:  LTP HAE: 242.1 M										
1. PT _____ SIDE OF COURSE _____ OUTBOUND _____ FT WITHIN _____ MILES OF _____ (IAF)														MAG VAR: 9W EPOCH YEAR: 2000									
2. HOLD W NOJWE, RT, 087.44 INBOUND, 2800 FT. IN LIEU OF PT (IAF)																							
3. FAC: 087.52 FAF: DIGAW DIST FAF TO MAP: 4.86 THLD: 4.86																							
4. MIN. ALT: NOJWE 2800, DIGAW 2500, MACEN/1.60 NM TO RW09 1460*																							
5. DIST TO THLD FROM OM: _____ MM: _____ IM: _____ 150 HAT: _____ 100 HAT: _____ GS ANT: _____																							
6. MIN GS INCPT: 2500 GS ALT AT: DIGAW 2500 OM: _____ MM: _____ IM: _____																							
7. GS ANGLE: 3.00 TCH: 45.3 34:1 IS CLEAR																							
8. MSA FROM: _____																							
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	1166	7/8	250	1166	7/8	250	1166	7/8	250	1166	7/8	250											
LNAV/VNAV DA	1182	7/8	266	1182	7/8	266	1182	7/8	266	1182	7/8	266											
LNAV MDA	1280	1	364	1280	1	364	1280	1	364	1280	1	364											
CIRCLING																							
	1340	1	414	1380	1	454	1500	1 1/2	574	1580	2	654											
NOTES: CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -21C (-5F) OR ABOVE 54C (130F). CHART NOTE: DME/DME RNP-0.3 NA.																							
CITY AND STATE ASHTABULA, OH		ELEVATION: 926 TDZE: 916 AIRPORT NAME: NORTHEAST OHIO RGNL			FACILITY IDENTIFIER: RNAV		PROCEDURE NO./AMDT NO./EFFECTIVE DATE: RNAV (GPS) RWY 9, AMDT 1, 10/12/2017					SUP: AMDT: ORIG-C DATED 04/30/2015											

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
RW09 (MAP)	1166 MSL (CA)	087.52	
1166 MSL	ONILE (DF) (FO) (RNP 1.00)		3000

TAA

	FROM	TO	ALT
1.	357/30 CW 177/30 (NOPT)	357/10 CW 177/10	3100
2.	357/10 CW 177/10	NOJWE (IF/IAF) (FB)	2800
3.	177/30 CW 267/30	PUYKU (IF/IAF) (FB)	2800
4.	267/30 CW 357/30	267/10 CW 357/10	3000
5.	267/10 CW 357/10	KOCEQ (IF/IAF) (FB)	2800

QUALITY
18
CHECKED

CITY AND STATE
ASHTABULA, OH

ELEVATION: 926 TDZE: 916
AIRPORT NAME:
NORTHEAST OHIO RGNL

FACILITY
IDENTIFIER:
RNAV

PROCEDURE NO./AMDT NO./EFFECTIVE DATE:
RNAV (GPS) RWY 9, AMDT 1, 10/12/2017

SUP:
AMDT: ORIG-C
DATED: 04/30/2015

**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	KHZY
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	414634.2445N
LTP/FTP LONGITUDE	0804226.5360W
LTP/FTP ELLIPSOIDAL HEIGHT	+02421
FPAP LATITUDE	414651.8675N
FPAP LONGITUDE	0804029.7975W
THRESHOLD CROSSING HEIGHT (TCH)	00045.3
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0952
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER

187687B2

ADDITIONAL PATH POINT RECORD INFORMATION

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

QUALITY
18
CHECKED

CITY AND STATE

ASHTABULA, OH

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