

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
TITLE 14 CFR PART 97.33**

Bearings, headings, courses, tracks 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 feet RVR.

AIRPORT ID USE	PROCEDURE NAME RNAV (GPS) RWY 9	ORIGINAL/AMENDMENT 1	CITY WAUSEON	STATE OH
AIRPORT ELEVATION 781	TDZE 779	SUPERSEDED RNAV (GPS) RWY 9	DATED 08/11/2022	MAG VAR 5W
FACILITY RNAV	COORDINATES OF FACILITIES	ACTUAL EFFECTIVE DATE 2 OCTOBER 2025	REQUIRED EFFECTIVE DATE ROUTINE	EPOCH YEAR 1995
			CANCEL/SUSPEND	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
RANDL		DUCZZ		TF	FO	1.00	221.04	11.44	3000
EDGE	IAF	DUCZZ	NOPT	TF	FB	1.00	067.30	15.32	3000
DUCZZ	IF/IAF	XORSE		TF	FB	1.00	093.92	5.04	2400
XORSE	FAF	RW09	MAP	TF	FO	0.30	094.00	4.97	
RW09	MAP	2100 MSL		CA			094.00		2100
2100 MSL		DUCZZ		DF	FO	1.00			3000

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2100 THEN CLIMBING LEFT TURN TO 3000 DIRECT DUCZZ AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- HOLD W DUCZZ, RT, 093.92 INBOUND, 3000 FT. IN LIEU OF PT (IAF), MAX 6000.
- FAC: 094.00 FAF: XORSE DIST FAF TO MAP: 4.97 DIST FAF TO THLD: 4.97
- MIN ALT: DUCZZ 3000, XORSE 2400
- DIST TO THLD FROM OM: MM: IM: 150 HAT: 329 HAT: 0.91 GS ANT: MM: IM:
- MIN GP INCPT: 2400 GP ALT AT PFAF: XORSE 2400 OM: MM: IM:
- GP ANGLE: 3.00 34:1: IS NOT CLEAR 20:1: IS NOT CLEAR TCH: 40.0
- MSA FROM: RW09 2800



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 9 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
 CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT (VGSI ANGLE {ANGLE}/TCH {FEET}).
 CHART NOTE: CIRCLING NA TO RWYS 18 AND 36.
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.
 CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

CHART FAS OBST: 990 TOWER (39-046260) 413705N/0841112W.
 WAAS CHANNEL # 93828
 REFERENCE PATH ID: W09A
 LTP HAE: 202.4 M

MINIMUMS:

TAKEOFF: SEE FAA FORM 8260-15A FOR THIS AIRPORT

ALTERNATE: NA STANDARD - CAT D 800-2 1/4

CATEGORY:	A			B			C			D			E		
	FINAL TYPE	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS
LPV DA	1108	1	329	1108	1	329	1108	1	329	1108	1	329			
LNAV/VNAV DA	1185	1 1/8	406	1185	1 1/8	406	1185	1 1/8	406	1185	1 1/8	406			
LNAV MDA	1240	1	461	1240	1	461	1240	1 3/8	461	1240	1 3/8	461			
CIRCLING	1280	1	499	1280	1	499	1480	2	699	1480	2 1/4	699			

CHANGES - REASONS

1. TERMINAL ROUTES: RANDL TO DUCZZ CHANGED RNP VALUES FROM "2.0" TO 1.0" – 8260.19J 4-6-10F. - 8260.58 TABLE 1-2-1.
2. PROFILE LINE 2: ADDED "MAX 6000" TO HILPT PATTERN – 8260.19J8-6-7B.(2)(B).
3. ADDITIONAL FLIGHT DATA: UPDATED FAS OBSTACLE FROM "CHART FAS OBST: 990 TWR 413705N/0841112W." TO "CHART FAS OBST: 990 TOWER (39-046260) 413705N/0841112W." – 8260.19J 8-6-11C.
4. UPDATED ALTERNATE VISIBILITY FROM "STANDARD" TO "STANDARD – CAT D 800 - 2 1/4" - 8260.3F 3-4-1.
5. CRC REMAINDER CHANGED FROM "ADF71438" TO "8777CDFA" – FPAP LAT/LONG CHANGED FROM "413638.3600N/0840558.7100W" TO "413638.3505N/0840558.7020W".
6. MINIMUMS - CHANGED LNAV/VNAV DA FROM 1198 TO 1185 AND HAT FROM 419 TO 406 - NEW OBSTACLE STUDY.
7. MINIMUMS - CHANGED LNAV MDA FROM 1300 TO 1240 AND HAT FROM 521 TO 461 - NEW OBSTACLE STUDY.
8. MINIMUMS - CHANGED CIRCLING DA/MDA CAT A/B FROM 1320 TO 1280 AND HAA FROM 539 TO 499 - NEW OBSTACLE STUDY.



COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

OTHER: ZOB ARTCC, TOL APP CON, AMGR

FLIGHT CHECKED BY
SHAWN D MAXWELL

Digitally signed by
CASIMIR L TABAKA
May 15, 2025

OFFICE
AJF

DATE
05/12/2025

DEVELOPED BY *Digitally signed by*
JACOB CLARK **JACOB H CLARK**
Apr 22, 2025

OFFICE
AJV-A432

DATE
04/15/2025

APPROVED BY
CASIMIR L. TABAKA

Digitally signed by
CASIMIR L TABAKA
Apr 29, 2025

OFFICE
AJV-A432

DATE

TITLE
MANAGER

FAS DATA BLOCK INFORMATION

DATA FIELD	DATA
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KUSE
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09A
LTP/FTP LATITUDE	413636.9335N
LTP/FTP LONGITUDE	0840757.4665W
LTP/FTP ELLIPSOIDAL HEIGHT	+02024
FPAP LATITUDE	413638.3505N
FPAP LONGITUDE	0840558.7020W
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	1568
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8777CDFA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02374
FPAP ORTHOMETRIC HEIGHT	+02374

