

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.

<u>AIRPORT</u> ZANESVILLE MUNI	<u>AIRPORT ID</u> KZZV	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>CITY</u> ZANESVILLE	<u>STATE</u> OH	
<u>AIRPORT ELEVATION</u> 900	<u>TDZE</u> 892	<u>SUPERSEDED</u> RNAV (GPS) RWY 22	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 01/05/2017	<u>MAG VAR</u> 6W	<u>EPOCH YEAR</u> 1990
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 5 DECEMBER 2019	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 130/30 CW 310/30	NOPT	130/15 CW 310/15		3400
2. 130/15 CW 310/15		TWAES	IF/IAF	2900
3. 310/30 CW 130/30		TWAES	IF/IAF	2900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
TWAES	IF/IAF	PROLE		TF	FB	1.00	219.93	6.00	2600
PROLE	FAF	NODSE/2.10 NM TO RW22		TF	FB	0.30	219.88	3.18	
NODSE/2.10 NM TO RW22		RW22	MAP	TF	FO	0.30	219.88	2.10	
RW22	MAP	1092 MSL		CA			219.88		
1092 MSL		RUTEE		DF	FO	1.00			2800

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW22

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 2800 DIRECT RUTEE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF (IAF)
2. HOLD NE TWAES, RT, 219.93 INBOUND, 2900 FT. IN LIEU OF PT (IAF), MAX 6000.
3. FAC: 219.88 FAF: PROLE DIST FAF TO MAP: 5.28 DIST FAF TO THLD: 5.28
4. MIN ALT: TWAES 2900, PROLE 2600, NODSE/2.10 NM TO RW22 1580*
5. DIST TO THLD FROM OM: MM: IM: 150 HAT: 200 HAT: 0.55 GS ANT: MM: IM:
6. MIN GP INCPT: 2600 GP ALT AT FAF : PROLE 2600 OM: MM: IM:
7. GP ANGLE: 3.00 34:1: IS CLEAR 20:1: IS CLEAR TCH: 48.1
8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -22°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON.
CHART VDP AT 1.33 NM TO RW22*
*LNAV ONLY
WAAS CHANNEL #78039
REFERENCE PATH ID: W22A
CHART FAS OBST: 1075 TOWER 395824N/0815139W.
HOLD SW, RT, 039.74 INBOUND
LTP HAE: 231.2 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT D 800 -2 1/4, NA WHEN LOCAL WEATHER NOT AVAILABLE.

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	HAT/HAA
LPV DA	1092	3/4	200	1092	3/4	200	1092	3/4	200	1092	3/4	200			
LNAV/VNAV DA	1297	1 1/8	405	1297	1 1/8	405	1297	1 1/8	405	1297	1 1/8	405			
LNAV MDA	1340	1	448	1340	1	448	1340	1 3/8	448	1340	1 3/8	448			
CIRCLING	1380	1	480	1420	1	520	1560	1 3/4	660	1620	2 1/4	720			



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KZZV
RUNWAY	RW22
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W22A
LTP/FTP LATITUDE	395701.6245N
LTP/FTP LONGITUDE	0815309.3275W
LTP/FTP ELLIPSOIDAL HEIGHT	+02312
FPAP LATITUDE	395547.5560N
FPAP LONGITUDE	0815413.8270W
THRESHOLD CROSSING HEIGHT (TCH)	00048.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1224
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	E454B7F5

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K5
LTP ORTHOMETRIC HEIGHT	+02650
FPAP ORTHOMETRIC HEIGHT	+02650

