

**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 ID</u> KELZ	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> WELLSVILLE	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 2125	<u>TDZE</u> 2111	<u>SUPERSEDED</u> RNAV (GPS) RWY 28	<u>ORIGINAL/AMENDMENT</u> 1B	<u>DATED</u> 12/31/2020	<u>MAG VAR</u> 8W	<u>EPOCH YEAR</u> 1965
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 11 AUGUST 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 187/30 CW 007/30	NOPT	PAYIV	IF/IAF	4300
2. 007/30 CW 187/30		PAYIV	IF/IAF	4300

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
PAYIV	IF/IAF	HALOS		TF	FB	1.00	277.45	6.06	3400
HALOS	FAF	IYRIH/2.10 NM TO RW28		TF	FB	0.30	277.36	1.82	
IYRIH/2.10 NM TO RW28		RW28	MAP	TF	FO	0.30	277.36	2.10	
RW28	MAP	2311 MSL		CA			277.36		
2311 MSL		NEVGE		DF	FO	1.00			4300

MISSED APPROACH

MAP:

LPV: DA
LNAV/VNAV: DA
LNAV: RW28

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4300 DIRECT NEVGE AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



CHANGES - REASONS

1. AIRPORT ELEVATION CHANGED FROM "2124" TO "2125" -- UPDATED DATA.
2. CHANGED TAA ALTITUDES FROM "4900" TO "4300" -- FPT REQUEST.
3. CHANGED SEGMENT PAYIV TO HALOS DISTANCE FROM "6.09" TO "6.06" AND SEGMENT HALOS TO IYRIH DISTANCE FROM "1.79" TO "1.82" IN TERMINAL ROUTES -- FIX HALOS RELOCATED.
4. CHANGED MISSED APPROACH ALTITUDE FROM "4900" TO "4300" IN TERMINAL ROUTES -- FPR REQUEST.
5. CHANGED MISSED APPROACH INSTRUCTIONS FROM "CLIMB TO 4900 DIRECT NEVGE AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4900" TO "CLIMB TO 4300 DIRECT NEVGE AND HOLD" -- FPT REQUEST; CIH NOT REQUIRED DUE TO LOWER ALTITUDE.
6. CHANGED HOLD IN LIEU ALTITUDE FROM "4900" TO "4300" IN PROFILE LINE 2 -- FPT REQUEST.
7. CHANGED DISTANCE FAF TO MAP AND FAF TO THLD FROM "3.89" TO "3.92" IN PROFILE LINE 3 -- FIX HALOS RELOCATED.
8. CHANGED PAYIV ALTITUDE FROM "4900" TO "4300" -- FPT REQUEST.
9. DELETED ASTERISK FROM MIN ALT IN PROFILE LINE 4 AND VDP NOTE AND ASSOCIATED "" LNAV ONLY" NOTE IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 1-1-5.F(12).
10. CHANGED GP ALT AT "FAF" TO "PFAF" IN PROFILE LINE 6 -- UPDATED IAW 8260.19I, 8-6-7.F(4).
11. CHANGED GP ANGLE FROM "3.02" TO "3.00" IN PROFILE LINE 7 -- FIX HALOS RELOCATED.
12. CHANGED "RNP APCH" TO "RNP APCH - GPS" IN PBN REQUIREMENTS -- UPDATED IAW 826.19I, 8-6-8.B(2).
13. ADDED LNAV/VNAV TO INOPERATIVE TABLE NOTE AND DELETED "ALL CATS" -- UPDATED IAW 8260.3E VISIBILITY TABLES AND INOPERATIVE TABLE; ALL CATS IMPLIED.
14. CHANGED UNCOMPENSATED BARO-VNAV NOTE FROM "PROCEDURE NA BELOW -22C OR ABOVE 54C" TO "LNAV/VNAV NA BELOW -20C OR ABOVE 54C" -- VERBIAGE UPDATED IAW 8260.19I, 8-6-9.R; NEW 3-YR ACT HISTORY 2019-2021 UPDATED IAW 8260.58B, 3-3-4.A(1)(A).1.B.
15. CHANGED MISSED HOLDING COURSE FROM "097.13" TO "097.12" IN ADDITIONAL FLIGHT DATA -- H-I-L REALIGNMENT FOR RNAV (GPS) RWY 10.
16. ADDED ID TO CHART FAS OBSTACLE IN ADDITIONAL FLIGHT DATA -- UPDATED IAW 8260.19I, 8-6-10.C.
17. CHANGED 7:1 EXCLUDED OBSTACLE FROM "2340 AAO 420631N/0775330W" TO "2380 AAO 420631N/0775334W" IN ADDITIONAL FLIGHT DATA -- NEW MAP STUDY.
18. CHANGED VDP FROM "0.97 NM" TO "1.53 NM" IN ADDITIONAL FLIGHT DATA -- CHANGE IN GP ANGLE.
19. LTP HAE CHANGED FROM "608" TO "608.1" IN ADDITIONAL FLIGHT DATA -- CHANGED IN AIRPORT ELEVATION.
20. LOWERED LNAV/VNAV DA/HAT FROM "2376/265" TO "2369/258" -- FPT REQUEST.
21. CHANGED LNAV VISIBILITY CAT A/B FROM "1" TO "3/4" AND CAT C/D FROM "1" TO "1 1/4" -- UPDATED IAW 8260.3E VISIBILITY TABLES.
22. CHANGED CIRCLING HAA CAT A FROM "516" TO "515", CAT B FROM "536" TO "535", CAT C FROM "756" TO "755", AND CAT D FROM "936" TO "935" -- UPDATED AIRPORT ELEVATION.
23. FAS DATA CHANGES: CRC REMAINDER FROM "E51CCBD8" TO "5DC78592", LTP/FTP COORDINATES FROM "420634.6070N/0775848.7745W" TO "420634.6085N/0775848.7705W", ELLIPSOIDAL HEIGHT FROM "+06080" TO "+06081", AND GPA FROM "3.02" TO "3.00" -- UPDATED DATA AND CHANGED NOTED ABOVE.

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA OTHER: ZOB, AMGR

FLIGHT CHECKED BY
JEFFREY A FINDLEY

Digitally signed by
JASON KRETSCHMER
Jun 14, 2022

OFFICE
FPO
DATE
06/10/2022

DEVELOPED BY
JASON KRETSCHMER (DANIEL C JOHNSEN)

Digitally signed by
JASON KRETSCHMER

OFFICE
AJV-A421
DATE
04/01/2022

APPROVED BY
MARLON ROBINSON

Apr 19, 2022
Digitally signed by
JASON KRETSCHMER
Apr 19, 2022

OFFICE
AJV-A420
DATE
TITLE
MANAGER



FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELZ
RUNWAY	RW28
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W28A
LTP/FTP LATITUDE	420634.6085N
LTP/FTP LONGITUDE	0775848.7705W
LTP/FTP ELLIPSOIDAL HEIGHT	+06081
FPAP LATITUDE	420633.5000N
FPAP LONGITUDE	0780048.4700W
THRESHOLD CROSSING HEIGHT (TCH)	00051.5
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1136
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	35.0
CRC REMAINDER	5DC78592

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+06400
FPAP ORTHOMETRIC HEIGHT	+06400

