

**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><b>AIRPORT ID</b></u> KELZ	<u><b>PROCEDURE NAME</b></u> RNAV (GPS) RWY 10	<u><b>ORIGINAL/AMENDMENT</b></u> 2	<u><b>CITY</b></u> WELLSVILLE	<u><b>STATE</b></u> NY		
<u><b>AIRPORT ELEVATION</b></u> 2125	<u><b>TDZE</b></u> 2125	<u><b>SUPERSEDED</b></u> RNAV (GPS) RWY 10	<u><b>ORIGINAL/AMENDMENT</b></u> 1A	<u><b>DATED</b></u> 12/31/2020	<u><b>MAG VAR</b></u> 8W	<u><b>EPOCH YEAR</b></u> 1965
<u><b>FACILITY</b></u> RNAV	<u><b>COORDINATES OF FACILITIES</b></u>	<u><b>ACTUAL EFFECTIVE DATE</b></u> 11 AUGUST 2022	<u><b>REQUIRED EFFECTIVE DATE</b></u> ROUTINE	<u><b>CANCEL/SUSPEND</b></u>		

**TAA**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>ALTITUDE</b>
1. 007/30 CW 187/30	NOPT	NEVGE	IF/IAF	4300
2. 187/30 CW 007/30		NEVGE	IF/IAF	4300

**TERMINAL ROUTES**

<b>FROM</b>	<b>FIX TYPE</b>	<b>TO</b>	<b>FIX TYPE</b>	<b>LEG TYPE</b>	<b>FO/FB</b>	<b>RNP</b>	<b>COURSE</b>	<b>DISTANCE</b>	<b>ALTITUDE</b>
NEVGE	IF/IAF	JILKU		TF	FB	1.00	097.12	6.01	3500
JILKU	FAF	UTVIW/2.63 NM TO RW10		TF	FB	0.30	097.22	1.57	
UTVIW/2.63 NM TO RW10		RW10	MAP	TF	FO	0.30	097.22	2.63	
RW10	MAP	2375 MSL		CA			097.22		
2375 MSL		PAYIV		DF	FO	1.00			4300

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW10

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 4300 DIRECT PAYIV AND HOLD.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

QUALITY  
10  
CHECKED

PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD W NEVGE, RT, 097.12 INBOUND, 4300 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 097.22FAF: JILKU

DIST FAF TO MAP: 4.20

DIST FAF TO THLD: 4.20

4. MIN ALT: NEVGE 4300, JILKU 3500, UTVIW/2.63 NM TO RW10 3000

5. DIST TO THLD FROM OM:MM:IM:150 HAT:250 HAT: 0.66GS ANT:

6. MIN GP INCPT: 3500GP ALT AT PFAF : JILKU 3500OM:MM:IM:

7. GP ANGLE: 3.0034:1: IS CLEAR20:1: IS CLEARTCH: 39.4

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -20°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD E, RT, 277.45 INBOUND.  
CHART FAS OBST: 2292 TREE (36-024119) 420619N/0775958W.  
CHART 2360 TREE 420651N/0780341W.  
CHART VDP AT 1.24 NM TO RW10.  
WAAS CHANNEL # 87002  
REFERENCE PATH ID: W10A  
CHART CIRCLING ICON.  
LTP HAE: 615.6 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - CAT C 800-2 1/4, CAT D 1000-3, 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	2375	3/4	250	2375	3/4	250	2375	3/4	250	2375	3/4	250			
LNAV/VNAV DA	2453	1	328	2453	1	328	2453	1	328	2453	1	328		QUALITY 10 CHECKED	
LNAV MDA	2560	1	435	2560	1	435	2560	1 1/4	435	2560	1 1/4	435			
CIRCLING	2640	1	515	2660	1	535	2880	2 1/4	755	3060	3	935			

**CHANGES - REASONS**

1. AIRPORT ELEVATION AND TDZE CHANGED FROM "2124" TO "2125" -- UPDATED DATA.
2. CHANGED TAA SECTOR ALTITUDES FROM "4900" TO "4300" -- FPT REQUEST.
3. CHANGED SEGMENT NEVGE TO JILKU COURSE FROM "097.13" TO "097.12" AND DISTANCE FROM "6.04" TO "6.01" IN TERMINAL ROUTES -- FIX JILKU RELOCATED PER FPT REQUEST.
4. CHANGED SEGMENT JILKU TO UTVIW DISTANCE FROM "1.50" TO "1.57" IN TERMINAL ROUTES -- FIXES JILKU AND UTVIW RELOCATED PER FPT REQUEST.
5. CHANGED UTVIW FROM "2.70 NM TO RW10" TO "2.63 NM TO RW10" AND SEGMENT DISTANCE TO RW10 FROM "2.70" TO "2.63" IN TERMINAL ROUTES -- FIX UTVIW RELOCATED PER FPT REQUEST.
6. CHANGED CA LEG ALTITUDE FROM "2374" TO "2375" IN TERMINAL ROUTES -- UPDATE TDZE.
7. CHANGED MISSED APPROACH ALTITUDE FROM "4900" TO "4300" IN TERMINAL ROUTES AND MISSED APPROACH INSTRUCTIONS -- FPT REQUEST.
8. CHANGED HOLDING AT NEVGU FROM "097.13 INBOUND, 4900 FT" TO "097.12 INBOUND, 4300 FT" IN PROFILE LINE 2 -- COURSE ALIGNED TO RELOCATED FIX JILKU AND ALTITUDE PER FPT REQUEST.
9. CHANGE MIN ALT AT NEVGU FROM "4900" TO "4300" AND STEPDOWN ALTITUDE FROM "UTVIW/2.70 NM TO RW10 3020" TO "UTVIW/2.63 NM TO RW10 3000" IN PROFILE LINE 4 -- FPT REQUEST AND RELOCATED FIX UTVIW.
10. 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).
11. CHANGED 250 HAT FROM "0.67" TO "0.66" IN PROFILE LINE 5 -- RECALCULATED IN TARGETS 6.4.
12. CHANGED GP ALT AT "FAF" TO "PFAF" IN PROFILE LINE 6 -- UPDATED IAW 8260.19I, 8-6-7.F(4).
13. CHANGED TCH FROM "38.9" TO "39.4" IN PROFILE LINE 7-- MATCHES RWY 10 VGSI DATA.
14. CHANGED "RNP APCH" TO "RNP APCH - GPS" IN PBN REQUIREMENTS -- UPDATED IAW 826.19I, 8-6-8.B(2).
15. CHANGED MINIMUM TEMPERATURE IN UNCOMPENSATED BARO-VNAV NOTE FROM "-24C" TO "-20C" -- NEW 3-YR ACT HISTORY 2019-2021; UPDATED IAW 8260.58B, 3-3-4.A(1)(A).1.B.
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 "2360 TREE 420650.91N/0780340.86W" TO "CHART 2360 TREE 420651N/0780341W" IN ADDITIONAL FLIGHT DATA -- SURVEYED TREE; UPDATED IAW 8260.19I, 8-6-10.E(2).
18. LTP HAE CHANGED FROM "615.4" TO "615.5" IN ADDITIONAL FLIGHT DATA -- CHANGE IN AIRPORT ELEVATION.
19. CHANGED LPV DA FROM "2374" TO "2375", LNAV/VNAV HAT FROM "329" TO "328", AND LNAV HAT FROM "436" TO "435" -- UPDATED TDZE.
20. CHANGED CIRCLING HAAS 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.
21. FAS DATA CHANGES: CRC REMAINDER FROM "B9B4F5D4" TO "8C9946EA", LTP/FTP COORDINATES FROM "20634.0090N/0775953.7765W" TO "420633.9850N/0775956.4280W", ELLIPSOIDAL HEIGHT FROM "+06154" TO "+06156", TCH FROM "00038.9" TO "00039.4", AND ORTHOMETRIC HEIGHT FROM "+06474" TO "+06475" -- UPDATED DATA AND CHANGES NOTED ABOVE.

**COORDINATED WITH:**

**A4A** ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBA** ☒ **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**

Apr 19, 2022

**OFFICE**

AJV-A421

**DATE**

03/29/2022

**APPROVED BY**

MARLON ROBINSON

*Digitally signed by***JASON KRETSCHMER**

Apr 19, 2022

**OFFICE**

AJV-A420

**DATE****TITLE**  
MANAGERQUALITY  
10  
CHECKED

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KELZ
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	420633.9850N
LTP/FTP LONGITUDE	0775956.4280W
LTP/FTP ELLIPSOIDAL HEIGHT	+06156
FPAP LATITUDE	420635.1100N
FPAP LONGITUDE	0775754.0800W
THRESHOLD CROSSING HEIGHT (TCH)	00039.4
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1256
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	8C9946EA

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+06475
FPAP ORTHOMETRIC HEIGHT	+06475

