

**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> NY0	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> JOHNSTOWN	<u>STATE</u> NY		
<u>AIRPORT ELEVATION</u> 881	<u>TDZE</u> 879	<u>SUPERSEDED</u> RNAV (GPS) RWY 10	<u>ORIGINAL/AMENDMENT</u> ORIG	<u>DATED</u> 09/23/2010	<u>MAG VAR</u> 14W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 8 SEPTEMBER 2022	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

FROM	FIX TYPE	TO	FIX TYPE	ALTITUDE
1. 013/30 CW 193/30	NOPT	013/9 CW 193/9		5400
2. 013/9 CW 193/9		ASQEV	IF/IAF	3700
3. 193/30 CW 283/30		193/6 CW 283/6		5900
4. 193/6 CW 283/6		IQNIS	IAF	3900
5. 283/30 CW 013/30		283/7 CW 013/7		5500
6. 283/7 CW 013/7		ELHUC	IAF	3900

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
IQNIS	IAF	ASQEV	NOPT	TF	FB	1.00	193.40	5.00	3700
ELHUC	IAF	ASQEV	NOPT	TF	FB	1.00	013.40	5.00	3700
ASQEV	IF/IAF	EYIZU		TF	FB	1.00	103.40	5.55	3000
EYIZU	FAF	QIQZI/2.70 NM TO RW10		TF	FB	0.30	103.49	3.88	
QIQZI/2.70 NM TO RW10		RW10	MAP	TF	FO	0.30	103.49	2.70	
RW10	MAP	1129 MSL		CA			103.49		
1129 MSL		LURYO		DF	FO	1.00			5000



MISSED APPROACH**MAP:**

LPV: DA
LNAV/VNAV: DA
LNAV: RW10

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5000 DIRECT LURYO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:**PROFILE:**

1. PT	SIDE OF COURSE	OUTBOUND	FT WITHIN	MILES OF	(IAF)
2. HOLD W ASQEV, RT, 103.40 INBOUND, 3700 FT. IN LIEU OF PT (IAF), MAX 6000.					
3. FAC:	103.49	FAF: EYIZU	DIST FAF TO MAP: 6.58		DIST FAF TO THLD: 6.58
4. MIN ALT:	ASQEV 3700, EYIZU 3000, QIQZI/2.70 NM TO RW10 1620				
5. DIST TO THLD FROM OM:	MM:	IM:	150 HAT:	250 HAT: 0.70	GS ANT:
6. MIN GP INCPT:	3000	GP ALT AT PFAF :	EYIZU 3000	OM:	MM:
7. GP ANGLE:	3.00	34:1: IS NOT CLEAR	20:1: IS CLEAR	TCH: 40.1	IM:
8. MSA FROM:					

PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART NOTE: RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.
CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16°C OR ABOVE 54°C.

ADDITIONAL FLIGHT DATA:

HOLD W, RT, 103.49 INBOUND.
CHART FAS OBST: 974 TOWER (36-000369) 425959N/0742125W.
CHART 1297 TOWER 425821N/0742928W.
CHART VDP AT 1.05 NM TO RW10.
WAAS CHANNEL # 58219
REFERENCE PATH ID: W10A
CHART CIRCLING ICON.
LTP HAE: 232.8 M

MINIMUMS:

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

ALTERNATE: NA ☐ STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.

<u>CATEGORY:</u>	<u>A</u>			<u>B</u>			<u>C</u>			<u>D</u>			<u>E</u>		
<u>FINAL TYPE</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>	<u>DA/MDA</u>	<u>VIS</u>	<u>HAT/HAA</u>
LPV DA	1129	3/4	250	1129	3/4	250		NA			NA				
LNAV/VNAV DA	1129	3/4	250	1129	3/4	250		NA			NA				
LNAV MDA	1240	1	361	1240	1	361		NA			NA				
CIRCLING	1280	1	399	1340	1	459		NA			NA				

CHANGES - REASONS

1. MISSED APPROACH INSTRUCTIONS CHANGED FROM "CLIMB TO 3700 DIRECT LURYO AND HOLD." TO "CLIMB TO 5000 DIRECT LURYO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5000."- PER ATC TO ALLEVIATE COMMUNICATIONS INTERFERENCE, AND CIH IS NOW REQUIRED.
2. TAA ALTITUDES FOR LINE 1 CHANGED FROM 4800 TO 5400, LINE 3 CHANGED FROM 5300 TO 5900, LINE 5 CHANGED FROM 4900 TO 5500, LINE 6 CHANGED FROM 3700 TO 3900.- UPDATED OBSTACLE EVALUATION, REMOVED MT ROC DUE TO PRECIPITOUS TERRAIN.
3. TERMINAL ROUTE ASQEV TO EYIZU DISTANCE CHANGED FROM 6.60 TO 5.55.- EYIZU MOVED 1.05 NM WEST.
4. PROFILE LINE 2 ADDED "MAX 6000."- 8260.19I.
5. PROFILE LINE 3 FAC CHANGED FROM 103.50 TO 103.49, DIST FAF TO MAP AND DIST FAF TO THLD CHANGED FROM 5.53 TO 6.58.- EYIZU MOVED 1.05 NM WEST.
6. PROFILE LINE 4 RW10 1920* CHANGED TO 1620, AND REMOVED *LNAV ONLY.- EYIZU MOVED 1.05 NM WEST, AND 8260.19I.
7. PROFILE LINE 5 ADDED 250 HAT: 0.70.- UPDATED OBSTACLE EVALUATION AND LOWER MINIMUMS.
8. PROFILE LINE 7 ANGLE/TCH CHANGED FROM 3.50/53.0 TO 3.00/40.1, AND ADDED 20:1 IS CLEAR.- UPDATED OBSTACLE EVALUATION, AND 8260.19I.
9. MINIMUMS: LPV ALL CATS CHANGED FROM 1287/408/1 ¼ TO 1129/250/ ¾, LNAV/VNAV ALL CATS CHANGED FROM 1423/544/1 ¾ TO 1129/250/ ¾, LNAV ALL CATS CHANGED FROM 1440/561 TO 1240/361, CIRCLING CAT A CHANGED FROM 1440/559 TO 1280/399, CIRCLING CAT B CHANGED FROM 1440/559 TO 1340/459.- UPDATED OBSTACLE EVALUATION AND AIRPORT NOW HAS LOCAL ALTIMETER AS PRIMARY.
10. REMOVED CHART NOTE: BARO-VNAV NA, AND ADDED CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -16C OR ABOVE 54C.- AIRPORT NOW HAS LOCAL ALTIMETER AS PRIMARY.
11. CHART NOTE CHANGED FROM "VISIBILITY REDUCTION BY HELICOPTERS NA." TO "RWY 10 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED."- 8260.19I.
12. REMOVED "CHART NOTE: DME/DME RNP-0.3 NA" AND ADDED "RNP APCH - GPS" TO PBN REQUIREMENTS NOTE.- 8260.19I.
13. CHART FAS OBSTACLE CHANGED FROM 968 TOWER 430001N/0742124W TO 974 TOWER (36-000369) 425959N/0742125W.- UPDATED OBSTACLE EVALUATION.
14. ADDED CHART 1297 TOWER 425821N/0742928W.- UPDATED 7:1 OBSTACLE EVALUATION.
15. CHANGED HOLD W, RT, 103.50 INBOUND TO 103.49.- UPDATED EVALUATION.
16. ADDED CHART VDP AT 1.05 NM TO RW10.- UPDATED EVALUATION AND AIRPORT NOW HAS LOCAL ALTIMETER AS PRIMARY.
17. ADDED CHART CIRCLING ICON.- NEW CIRCLING CRITERIA APPLIED.
18. RELOCATED BACKUP ALTIMETER NOTE FROM THIS FORM TO THE 8260-9 FOR CONTINGENCY PURPOSES.- 8260.19I, ALTIMETERS ON WMSCR.
19. LTP/FTP LAT/LONG CHANGED FROM 425953.3605N/0742013.3095W TO 425953.3585N/0742013.3045W.- AIRNAV DATA.
20. FPAP LAT/LONG CHANGED FROM 425953.9800N/0741811.9000W TO 425953.9820N/0741811.8905W.- UPDATED LTP DATA.
21. CRC REMAINDER CHANGED FROM 311C107F TO 4F02C371.- UPDATED LTP/FTP LAT/LONG AND FPAP LAT/LONG.
22. REMOVED CHART NOTE: WHEN VGSI INOP, PROCEDURE NA AT NIGHT.- NO LONGER REQUIRED.
23. TERMINAL ROUTES: ADDED RNP VALUES TO ALL SEGMENTS AND ADDED FAF-MISSED APPROACH SEGMENTS.- 8260.19I.
24. ALTERNATE MINIMUMS CHANGED FROM NA TO STANDARD - NA WHEN LOCAL WEATHER NOT AVAILABLE.- AIRPORT NOW HAS LOCAL ALTIMETER AS PRIMARY.
25. REMOVED CHART PROFILE NOTE: VGSI AND RNAV GLIDEPATH NOT COINCIDENT.- UPDATED EVALUATION.
26. ADDITIONAL FLIGHT DATA: REMOVED CHART TDZE 879, DISTANCE TO THLD FROM 408 HAT: 0.99 NM.- NO LONGER REQUIRED.
27. ADDITIONAL FLIGHT DATA: ADDED LTP HAE: 232.8 M.- AIRNAV, 8260.19I.
28. FAS DATA BLOCK: TCH CHANGED FROM 53.0 TO 40.1, GPA CHANGED FROM 3.50 TO 3.00.- UPDATED EVALUATION.

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZBW, ALB APP CON, AMGR

FLIGHT CHECKED BY

STANLEY PHILLIPS

Digitally signed by

JASON KRETSCHMER

Aug 01, 2022

OFFICE

FPO

DATE

07/29/2022

DEVELOPED BY

JASON KRETSCHMER (TIA FERONTI)

Digitally signed by

JASON KRETSCHMER

Jun 13, 2022

OFFICE

AJV-A421

DATE

03/28/2022

APPROVED BY

MARLON ROBINSON

Digitally signed by

JASON KRETSCHMER

Jun 13, 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	NY0
RUNWAY	RW10
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W10A
LTP/FTP LATITUDE	425953.3585N
LTP/FTP LONGITUDE	0742013.3045W
LTP/FTP ELLIPSOIDAL HEIGHT	+02328
FPAP LATITUDE	425953.9820N
FPAP LONGITUDE	0741811.8905W
THRESHOLD CROSSING HEIGHT (TCH)	00040.1
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1528
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
 CRC REMAINDER	 4F02C371

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+02636
FPAP ORTHOMETRIC HEIGHT	+02636