

**FEDERAL AVIATION ADMINISTRATION
 FLIGHT STANDARDS SERVICE
 COPTER RNAV (GPS) STANDARD INSTRUMENT APPROACH PROCEDURE
 TITLE 14 CFR PART 97.35**

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> GREENE COUNTY	<u>AIRPORT ID</u> KWAY	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) Y RWY 9	<u>ORIGINAL/AMENDMENT</u> 1	<u>CITY</u> WAYNESBURG	<u>STATE</u> PA
<u>AIRPORT ELEVATION</u> 1069	<u>TDZE</u> 1069	<u>SUPERSEDED</u> COPTER RNAV (GPS) RWY 9	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 11/08/2018	<u>MAG VAR</u> 9W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 MARCH 2020	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>	

TERMINAL ROUTES

FROM	FIX TYPE	TO	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
YOviz	IAF	PUNiy		TF	FB	1.00	177.75	3.00	4000
OMUSY	IAF	PUNiy		TF	FB	1.00	357.77	3.00	4000
PUNiy	IF	ULUFY		TF	FB	1.00	087.76	3.34	2500
ULUFY	FAF	RW09	MAP	TF	FO	0.30	087.80	2.64	
RW09	MAP	1469 MSL		CA			087.80		
1469 MSL		TIKKU		DF	FO	1.00			4000

MISSED APPROACH

MAP:

LPV: DA
 LNAV: RW09

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 4000 DIRECT TIKKU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 4000.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF (IAF)**
2. PROFILE STARTS AT PUNIY
3. **FAC:** 087.80 **FAF:** ULUFY **DIST FAF TO MAP:** 2.64 **DIST FAF TO THLD:** 2.64
4. **MIN ALT:** PUNIY 4000, ULUFY 2500
5. **DIST TO THLD FROM OM:** **MM:** **IM:** **150 HAT:** **424 HAT:** 0.73 **GS ANT:**
6. **MIN GP INCPT:** 2500 **GP ALT AT FAF** ULUFY 2500 **OM:** **MM:** **IM:**
7. **GP ANGLE:** 4.97 **34:1:** IS CLEAR **20:1:** IS CLEAR **TCH:** 40.0
8. **MSA FROM:** RW09 4200

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: USE WASHINGTON ALTIMETER SETTING.
 CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH AIRSPEED TO 70 KIAS.
 CHART PLANVIEW NOTE: INCREASE TO 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE; MAINTAIN 90 KIAS WHILE IN HOLDING.

ADDITIONAL FLIGHT DATA:

CHART: 1440 TREE 395301N/0801102W
 CHART WASHINGTON AWOS-3PT.
 WAAS CHANNEL #50241
 REFERENCE PATH ID: W09B
 CHART FAS OBST: 1239 TREE 395404N/0800853W.
 HOLD W, RT, 087.84 INBOUND
 LTP HAE: 291.4 M

MINIMUMS:

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

ALTERNATE: NA

CATEGORY:	COPTER															
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	1493	1 1/4	424		NA			NA			NA					
LNAV MDA	1560	1	491		NA			NA			NA					



CHANGES - REASONS

1. UPDATED PROCEDURE ID FROM COPTER RNAV (GPS) RWY 09 TO COPTER RNAV (GPS) Y RWY 09 - UPDATED PROCEDURE NAME WITH SUFFIX "Y" AS MORE THAN ONE PROCEDURE TO THE SAME RUNWAY USES THE SAME TYPE OF NAVIGATION SYSTEM.
2. CRC REMAINDER CHANGED FROM 038B4907 TO AE4A1937- SYSTEM GENERATED NEW REMAINDER DUE TO UPDATED GLIDEPATH ANGLE.
3. LENGTH OFFSET CHANGED FROM 1688 TO 1680 - RECALCULATED.
4. GLIDEPATH ANGLE CHANGED FROM 4.62 TO 4.97 - RECALCULATED FAF ALT.
5. UPDATED FAF ALT FROM 2400 TO 2500 - AIRSPACE EVALUATION.
6. UPDATED INTERMEDIATE SEG MENT LENGTH FROM 3.25 TO 3.34 - FIX MOVED.
7. ADDED "CONTINUE CLIMB IN HOLD TO 4000" TO MISSED APPROACH INSTRUCTIONS - ACFT ALT DOES NOT REACH CLEARANCE LIMIT ALT, C-I-H REQUIRED.
8. UPDATED ADDITIONAL FLIGHT DATA 7:1 OBS FROM 1400 TOWER TO 1440 TREE 395301N/0801102W - CHART HIGHEST 7:1 OBS.
9. REMOVED ADDITIONAL FLIGHT DATA OBS 1575 AAO395330N-0801215W. - NO LONGER IN FINAL SEGMENT.
10. UPDATED LPV DA/HAT FROM 1375/306 TO 1493/424 - OBSTACLE EVALUATION, MISSED PENETRATION.
11. UPDATED LPV VIS FROM 1 TO 1 1/4 - RECALCULATED.
12. CHANGED "CHART WASHINGTON COUNTY AWOS" TO "CHART WASHINGTON AWOS-3PT" IN ADDITIONAL FLIGHT DATA - CITY NAME IS USED WHEN THERE IS ONLY ONE ALTIMETER SOURCE AVAILABLE IN THE CITY; AWOS TYPE UPDATED TO AWOS3PT.
13. CHANGED BACKUP ALTIMETER NOTE FROM "USE WASHINGTON COUNTY ALTIMETER SETTING, WHEN NOT RECEIVED USE MORGANTOWN ALTIMETER SETTING AND INCREASE DA 14 FEET AND MDA 20 FEET" TO "USE WASHINGTON ALTIMETER SETTING" - BACKUP ALTIMETER SOURCE MOVED TO -9 AS A CONTINGENCY NOTE.

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA** **OTHER:** ZOB, AMGR

FLIGHT CHECKED BY

Digitally signed by

DAVID DANNER

Feb 13, 2020

OFFICE

FICO

DATE

1/30/20

DANIEL KIRBY

Digitally signed by

DEVELOPED BY

HEIDI SNIDER

HEIDI SNIDER

Jun 12, 2019

OFFICE

AJV-A422

DATE

03/29/2019

APPROVED BY

MARLON ROBINSON

Digitally signed by

CASIMIR L TABAKA

Jul 15, 2019

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	KWAY
RUNWAY	RW09
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	Y
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W09B
LTP/FTP LATITUDE	395400.7900N
LTP/FTP LONGITUDE	0800812.5500W
LTP/FTP ELLIPSOIDAL HEIGHT	+02914
FPAP LATITUDE	395418.0330N
FPAP LONGITUDE	0800618.9570W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	04.97
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	1680
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0
CRC REMAINDER	AE4A1937

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+03246
FPAP ORTHOMETRIC HEIGHT	+03246

