

**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SUPERSEDED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>EPOCH YEAR</u> 2010
<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**

<u><b>FROM</b></u>	<u><b>FIX TYPE</b></u>	<u><b>TO</b></u>	<u><b>FIX TYPE</b></u>	<u><b>LEG TYPE</b></u>	<u><b>FO/FB</b></u>	<u><b>RNP</b></u>	<u><b>COURSE</b></u>	<u><b>DISTANCE</b></u>	<u><b>ALTITUDE</b></u>
YOVIZ	IAF	PUNYI		TF	FB	1.00	177.75	3.00	4000
OMUSY	IAF	PUNYI		TF	FB	1.00	357.77	3.00	4000
PUNYI	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	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	DA/MDA	VIS	HAT/HAA	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**

DANIEL KIRBY

*Digitally signed by*

*Digitally signed by*  
**DAVID DANNER**

Feb 13, 2020

**OFFICE**

FICO

**DATE**

1/30/20

**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

DATA FIELD	DATA
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

