

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
COPTER RNAV (GPS) SPECIAL INSTRUMENT APPROACH PROCEDURE
SPECIFICATION -- NOT FOR COCKPIT USE**

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.

If an instrument approach procedure of the above type is conducted at the below named airport, it shall be conducted in accordance with a charted instrument approach procedure predicted on the specifications contained herein, unless an approach is conducted in accordance with a different procedure for such airport authorized by the Administrator. Minimum altitudes shall correspond with those established for enroute operations in the particular area or as set forth below.

<u>HELIPORT ID</u>	<u>PROCEDURE NAME</u>	<u>ORIGINAL/AMENDMENT</u>	<u>CITY</u>	<u>STATE</u>		
91PN	COPTER RNAV (GPS) M 095	1	POTTSVILLE	PA		
<u>SURFACE ELEVATION</u>	<u>TDZE</u>	<u>SUPERSEDED</u>	<u>ORIGINAL/AMENDMENT</u>	<u>DATED</u>	<u>MAG VAR</u>	<u>EPOCH YEAR</u>
1004		COPTER RNAV (GPS) 095	ORIG-A	08/06/2009	12W	2005
<u>FACILITY</u>	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u>	<u>CANCEL/SUSPEND</u>		
RNAV						

TERMINAL ROUTES

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>LEG TYPE</u>	<u>FO/FB</u>	<u>RNP</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>ALTITUDE</u>
GEDSE	IAF	WOKVU		TF	FB	1.00	184.29	3.00	3600
DUMVF	IAF	WOKVU		TF	FB	1.00	005.71	3.00	3600
WOKVU	IF	OLIXY		TF	FB	1.00	094.99	1.50	3000
OLIXY		ZANEN		TF	FB	1.00	094.95	1.50	2500
ZANEN	FAF	ZEBUX	MAP	TF	FO	0.30	094.97	2.00	
ZEBUX	MAP	1480 MSL		CA			094.97		
1480 MSL		ZUBSI		DF	FO	1.00			3600

MISSED APPROACH

MAP:

LNAV: ZEBUX

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3600 DIRECT ZUBSI AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3600.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

PROFILE:

- PT SIDE OF COURSE OUTBOUND FT WITHIN MILES OF (IAF)
- PROFILE STARTS AT WOKVU
- FAC: 094.97 FAF: ZANEN DIST FAF TO MAP: 2.00 DIST FAF TO THLD:
- MIN ALT: WOKVU 3600, OLIXY 3000, ZANEN 2500
- DIST TO THLD FROM OM: MM: IM: 150 HAT: GS ANT: OM: MM: IM:
- MIN GP INCPT: GP ALT AT FAF: 34:1: 20:1: TCH:
- GP ANGLE: 34:1: 20:1: TCH:
- MSA FROM: ZEBUX 3400



PBN REQUIREMENTS NOTE:

RNP APCH - GPS.

NOTES:

CHART PLANVIEW NOTE: PROCEED VFR FROM ZEBUX OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART NOTE: USE N79 ALTIMETER SETTING; WHEN NOT RECEIVED, USE 22N ALTIMETER SETTING AND INCREASE ALL MDAS 60 FEET.
CHART NOTE: HELIPORT LIGHTS OPERATED BY PHOTOCCELL OR PRIOR ARRANGEMENT.
CHART NOTE: USE OF LEHIGH VALLEY HOSPITAL SCHUYLKILL REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART PLANVIEW NOTE: LIMIT GEDSE INITIAL, DUMVF INITIAL, WOKVU INTERMEDIATE, SPEED TO 90 KIAS MAX.
CHART PLANVIEW NOTE: LIMIT FINAL APPROACH SPEED TO MAX 70 KIAS.
CHART PLANVIEW NOTE: INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE.

CHART NOTE: NIGHT VISIBILITY MINIMUM 1 SM (LNAV).
CHART SPEED ICON IN PLANVIEW AT DUMVF: MAX 90 KIAS.
CHART SPEED ICON IN PLANVIEW AT GEDSE: MAX 90 KIAS.
CHART SPEED ICON IN PLANVIEW AT WOKVU: MAX 90 KIAS.
CHART SPEED ICON IN PLANVIEW AT OLIXY: MAX 90 KIAS.
CHART SPEED ICON IN PLANVIEW AT ZANEN: MAX 70 KIAS.

ADDITIONAL FLIGHT DATA:

1529 AAO 403924N/0761512W.
CHART: 1201 TREE 404048.00N/0761100.00W
CHART: 1201 TREE 404048.00N/0761057.00W
CHART: 1194 TREE 404048.00N/0761054.00W
CHART: 1191 TREE 404048.00N/0761103.00W
CHART: 1191 TREE 404051.00N/0761054.00W
CHART N79 AWOS-3.
CHART 22N AWOS-3.
HOLD SW, RT, 054.08 INBOUND.
FAS OBST: 1172 AAO 404151N/0761406W.
91PN, 850.0, 124.12/0.85

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:	COPTER														
FINAL TYPE	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS	DA/MDA	VIS	HAS
LNAV MDA	1480	3/4	476		NA			NA			NA				



CHANGES - REASONS

1. TERMINAL ROUTES: ADDED WOKVU TO OLIXY ROUTE AND OLIXY TO ZANEN ROUTE - CLEAR OBSTACLE TO KEEP FAF ALTITUDE AT 2500.
2. TERMINAL ROUTES: ADDED ZANEN TO ZEBUX (MAP) - 8260.19 PARA 8-6-4.
3. TERMINAL ROUTES: CA LEG ALTITUDE CHANGED FROM 1340 TO 1480 - NEW CONTROLLING OBSTACLE.
4. MISSED APPROACH INSTRUCTIONS : ADDED CIH - A/C CLEARANCE LIMIT ALTITUDE BELOW MA ALTITUDE.
5. PROFILE: LINE 4: MIN ALT CHANGED FROM WOKVU 3200 TO WOKVU 3600, ADDED OLIXY 3000 - NEW TERMINAL ROUTES/8260.19.
6. PBN REQUIREMENTS NOTE: ADDED RNP APCH - GPS - 8260.19 PARA 8-6-8.
7. NOTES: UPDATED BACKUP ALTIMETER NOTE - 8260.19 PARA 8-6-10.
8. NOTES: ADDED "CHART NOTE: USE OF LEHIGH VALLEY HOSPITAL SCHUYLKILL REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS" - 8260.19 PARA 8-6-10.
9. NOTES: ADDED SPEED RESTRICTIONS PLANVIEW NOTES FOR INITIALS, INTERMEDIATE, AND FINAL - 8260.19 PARA 4-6-10.
10. NOTES: ADDED PLANVIEW NOTE: INCREASE TO DESIRED AIRSPEED MINIMUM 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE - 8260.19 PARA 8-6-10.
11. NOTES: ADDED CHART SPEED ICON IN PLANVIEW NOTES AT GEDSE, DUMVF, WOKVU, OLIXY AND ZANEN - 8260.19 PARA 4-6-10.
12. ADDITIONAL FLIGHT DATA: ADDED "CHART SHAMOKIN AWOS-3" - 8260.19 PARA 8-6-10.
13. ADDITIONAL FLIGHT DATA: FAS DATA CHANGED FROM 1034 TREES TO 1172 AAO - TARGETS EVALUATION.
14. ADDITIONAL FLIGHT DATA: DELETED "ROUTE TYPE DESCRIPTION: A, P AND ALL LISTED OBSTACLES - NO LONGER NEEDED.
15. ADDITIONAL FLIGHT DATA: ADDED 3.5:1 OBSTACLE: 1529 AAO 403924N/0761512W - 8260.19 PARA 8-6-11.
16. ADDITIONAL FLIGHT DATA: ADDED VFR TRANSITION AREA OBSTACLES - 8260.19 PARA 8-6-11.
17. ADDITIONAL FLIGHT DATA: CHANGED "POTTSVILLE HOSPITAL 835, 123.99/0.86" TO "91PN, 850.0, 124.12/0.85" - 8260.19 PARA 8-6-11.
18. MINIMUMS: DA/HAS CHANGED FROM 1340/320 TO 1480/476 - NEW CONTROLLING OBSTACLE.

- 11/14/24: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 06/28/24.
1. ADDITIONAL FLIGHT DATA: CHANGED "CHART SHAMOKIN AWOS-3" TO "CHART N79 AWOS-3".
2. ADDITIONAL FLIGHT DATA: ADDED "CHART 22N AWOS-3".

SUBMITTED BY		OFFICE	DATE	
FLIGHT CHECKED BY	Digitally signed by			
	DONALD H LANIER	OFFICE	DATE	
TERRY HESTER	Nov 14, 2024	AJF	10/17/2024	
DEVELOPED BY	Digitally signed by			
	STEVEN DOUGHERTY	OFFICE	DATE	
STEVEN DOUGHERTY	Nov 14, 2024	AJV-A421	06/28/2024	
RECOMMENDED BY		OFFICE	DATE	TITLE
APPROVED BY	Digitally signed by			
	DONALD H LANIER	OFFICE	DATE	TITLE
DAVID DANNER	Nov 14, 2024	AJV-A421		MANAGER



FEDERAL AVIATION ADMINISTRATION FLIGHT STANDARDS SERVICE STANDARD INSTRUMENT APPROACH PROCEDURE DATA RECORD

<u>HELIPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
91PN	COPTER RNAV (GPS) M 095	1	POTTSVILLE	PA	1004	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM GEDSE TO WOKVU

RNP 1.00 DISTANCE 3.00 PAT MAP HAS HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	404403.00N/0761800.00W	1874	215	8	4B	1000				AT726	3600
TERRAIN	404242.00N/0762151.00W	1751 (1800)								AS1500	3300

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INITIAL

FROM DUMVF TO WOKVU

RNP 1.00 DISTANCE 3.00 PAT MAP HAS HMAS

<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
TOWER (42-002410)	404241.00N/0762044.00W	1853	500	125	5E	1000				AT747	3600
TERRAIN	404127.00N/0762139.00W	1676 (1700)								AS1500	3200

COMPUTATIONS

ALT KIAS KTAS HAA VKTW TR BA DTA COURSE CHANGE DVEB VEB OCS RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

QUALITY
21
CHECKED

INTERMEDIATE

FROM

WOKVU

TO

OLIXY

RNP

1.00

DISTANCE

1.50

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TOWER (42-002666)	404354.45N/0761731.92W	1868	20	3	1A	500				AT600	3000
TERRAIN	404300.00N/0762000.00W	1620 (1600)								AS1000	2600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

INTERMEDIATE: STEPDOWN

FROM

OLIXY

TO

ZANEN

RNP

1.00

DISTANCE

1.50

PAT

MAP

HAS

HMAS

OBSTRUCTION	COORDINATES	ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	404330.00N/0761742.00W	1769	215	8	4B	500				SA-110 AT341	2500
TERRAIN	404230.00N/0761718.00W	1430 (1400)								AS1000	2400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV

FROM
ZANEN

TO
ZEBUX

<u>RNP</u> 0.30	<u>DISTANCE</u> 2.00	<u>PAT</u>	<u>MAP</u> ZEBUX				<u>HAS</u> 476			<u>HMAS</u>	
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
AAO	404151.00N/0761406.00W	1172	215	8	4B	250				RA46	1480

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MISSED APPROACH: LNAV

FROM
ZEBUX

TO
ZUBSI

<u>RNP</u> 0.30-1.00	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>				<u>HAS</u>	<u>HMAS</u> 1334			
<u>OBSTRUCTION</u>	<u>COORDINATES</u>	<u>ELEV MSL</u>	<u>HORZ</u>	<u>VERT</u>	<u>AC</u>	<u>ROC</u>	<u>OCS</u>	<u>CG</u>	<u>CGTA</u>	<u>ADJUSTMENTS</u>	<u>MIN ALT</u>
							ASC				3600
TOWER (42-001804)	404554.00N/0760832.00W	2009	50	20	2C	1000					3100
TERRAIN	404600.00N/0760857.00W	1709 (1700)								AS1500	3200

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

MSA

CENTER
ZEBUX

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (42-003463)	405118.41N/0760721.65W	034	10.3	2364	500	125	5E	1000			3400

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH

MDT APP CON

WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3	N79	24	N79	18.60	N	46
BACK-UP WX SERVICE	LOCATION	HRS OPERATION	ALTIMETER SOURCE	DISTANCE	WMSCR	ADJUSTMENTS
AWOS-3PT	22N	24	22N	20.85	N	94

WX REMARKS:

RASS PRESSURE PATTERNS THE SAME
K91PN 850 KN79 881
RA = 45.2

RASS PRESSURE PATTERNS THE SAME
K91PN 850 K22N 534
RA = 93.6

PRIMARY NAVAID	MONITOR POINT	HRS OPERATION	CAT
APPROACH AND RUNWAY LIGHTING SYSTEM		RUNWAY MARKINGS	RUNWAY VISUAL RANGE
01H			

GLIDESLOPE ANGLE	ELEV RWY THRESHOLD	TCH	ELEV GS ANTENNA	DISTANCE FROM RWY	VGSI ANGLE	TCH
FINAL APPROACH COURSE AIMING						
RUNWAY THRESHOLD	☐	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE			
ON CENTERLINE	☐	FT FROM CENTERLINE				

CRITICAL TEMPERATURES

CRITICAL LOW	CRITICAL HIGH	ACT	APT ISA
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

PENETRATIONS REMARKS:



HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

5280-FT "PROCEED VFR" SEGMENT LEVEL SURFACE AREA PENETRATIONS

1201 TREE 404048.00N/0761100.00W (15.52)
1201 TREE 404048.00N/0761057.00W (15.52)
1194 TREE 404048.00N/0761054.00W (8.96)
1191 TREE 404048.00N/0761103.00W (5.68)
1191 TREE 404051.00N/0761054.00W (5.68)

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
VDP NOT ESTABLISHED - POINT-IN-SPACE PROCEDURE.
75 FT VEGETATION HEIGHT USED.

SPEED RESTRICTION ON INITIAL, INTERMEDIATE ARE REQUIRED TO MAINTAIN CURRENT LEG LENGTHS.

ORDER 8260.3 CHAPTER 2 APPLIED TO 1529 AAO 403924N/0761512W.

PART D: AIRSPACE

DOCKET #

ALL DISTANCES TO 1/100NM; ELEVATION TO NEAREST 100 FEET; COORDINATES TO 1/100 SECOND; DEG TO 1/100 DEGREE

DISTANCE FROM	MAP	TO 1000FT POINT	0.76
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.20
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	082.97
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1000
DISTANCE FROM	MAP	TO 1500FT POINT	4.43
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	4.00
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	082.99
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	1600

THRESHOLD COORDINATES (IF STR-IN)

ARP COORDINATES	404125.32N/0761131.80W
RUNWAY APCH END AND DIST FURTHEST FROM ARP	
FAF COORDINATES	404129.84N/0761510.36W
FIX NAME COORDINATES	MAP ZEBUX 404144.51N/0761233.78W

REMARKS

POINT-IN-SPACE PROCEDURE



<u>HELIPORT ID</u>	<u>PROCEDURE NAME</u>	<u>AMDT NO.</u>	<u>CITY</u>	<u>STATE</u>	<u>AIRPORT ELEVATION</u>	<u>FACILITY</u>
91PN	COPTER RNAV (GPS) M 095	1	POTTSVILLE	PA	1004	RNAV
PART E: PREPARED BY						
<u>NAME</u>			<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>	
STEVEN DOUGHERTY			AJV-A421	06/28/2024	AERONAUTICAL INFORMATION SPECIALIST	

