

**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> 25PN	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) 080	<u>ORIGINAL/AMENDMENT</u> ORIG-B	<u>CITY</u> WELLSBORO	<u>STATE</u> PA		
<u>SURFACE ELEVATION</u> 1781	<u>TDZE</u>	<u>SUPERSEDED</u> COPTER RNAV (GPS) 080	<u>ORIGINAL/AMENDMENT</u> ORIG-A	<u>DATED</u> 07/15/2021	<u>MAG VAR</u> 12W	<u>EPOCH YEAR</u> 2000
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

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>
EMATE	IAF	HIRIG		TF	FB	1.00	350.72	3.00	4500
FENBU	IAF	HIRIG		TF	FB	1.00	169.28	3.00	4500
HIRIG	IF	ZEVTO		TF	FB	1.00	079.96	3.00	3000
ZEVTO	FAF	ZITSO/0.60 NM TO ZOSGO		TF	FB	0.30	079.97	1.40	
ZITSO/0.60 NM TO ZOSGO		ZOSGO	MAP	TF	FO	0.30	079.97	0.60	
ZOSGO	MAP	2181 MSL		CA			079.97		2181
2181 MSL		ZOVBO		DF	FO	1.00			3800

MISSED APPROACH

MAP:

LNAV: ZOSGO

MISSED APPROACH INSTRUCTIONS:

CLIMBING LEFT TURN TO 3800 DIRECT ZOVBO AND HOLD, CONTINUE CLIMB-IN-HOLD TO 3800.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. PROFILE STARTS AT HIRIG

3. FAC: 079.97

FAF: ZEVTO

DIST FAF TO MAP: 2.00

DIST FAF TO THLD:

4. MIN ALT: HIRIG 4500, ZEVTO 3000, ZITSO/0.60 NM TO ZOSGO 2420

5. DIST TO THLD FROM OM:

MM:

IM:

150 HAS:

GS ANT:

6. MIN GP INCPT:

GP ALT AT FAF :

OM:

MM:

IM:

7. GP ANGLE:

34:1:

20:1:

TCH:

8. MSA FROM: ZOSGO 4300

PBN REQUIREMENTS NOTE:

RNP APCH - GPS

NOTES:

CHART PLANVIEW NOTE: PROCEED VFR FROM ZOSGO OR CONDUCT THE SPECIFIED MISSED APPROACH.
CHART PLANVIEW NOTE: LIMIT FINAL AND MISSED APPROACH TO 70 KIAS.
CHART PLANVIEW NOTE: INCREASE TO 90 KIAS UPON REACHING THE MISSED APPROACH ALTITUDE; MAINTAIN 90 KIAS WHILE IN HOLDING.
CHART NOTE: USE OF NESSMUK HELIPORT REQUIRES PERMISSION OF THE OWNER; USE OF THIS PROCEDURE REQUIRES SPECIFIC AUTHORIZATION BY FAA FLIGHT STANDARDS.
CHART NOTE: HELIPORT LIGHTS OPERATED BY PHOTOCCELL OR PRIOR ARRANGEMENT.
CHART NOTE: USE WELLSBORO ALTIMETER SETTING; WHEN NOT RECEIVED, USE ELMIRA/CORNING ALTIMETER SETTING.

ADDITIONAL FLIGHT DATA:

CHART: 1869 TOWER 414537N/0771729W
CHART: 1960 TERRAIN 414330N/0771609W
CHART WELLSBORO AWOS.
HOLD SW, RT, 055.74 INBOUND.
FAS OBST: 1834 TREE 414411N/0771806W.
NESSMUK, 25PN, 1490.0, 145.99/0.97

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	2240	3/4	459		NA			NA			NA				

CHANGES - REASONS

1. CHANGED TERMINAL ROUTES FROM EMATE TO HIRIG MINIMUM ALTITUDE FROM 3800 TO 4500 AND FROM FENBU TO HIRIG MINIMUM ALTITUDE FROM 3800 TO 4500 - TO MITIGATE FLIGHT CHECK FDC 1/6695 25PN SPECIAL NESSMUK, WELLSBORO, PA.COPTER RNAV (GPS) 080, ORIG-A... TERMINAL ROUTE FROM EMATE TO HIRIG - MINIMUM ALTITUDE 4500. TERMINAL ROUTE FROM FENBU TO HIRIG - MINIMUM ALTITUDE 4500.2110221410-2310231409EST. PROJECT REASON: PER FLIGHT INSPECTION, RAISE IAF ALTITUDES FROM 3800 TO 4500 DUE TO POOR RECEPTION FROM ELMIRA APPROACH.
2. CHANGED PROFILE. LINE 4. MIN ALT: FROM HIRIG 3800 TO 4500 - FC HAD POOR RECEPTION FROM ELMIRA APP CON.



SUBMITTED BY

OFFICE

DATE

FLIGHT CHECKED BY

OFFICE

DATE

PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021 GUIDANCE
FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION/VALIDATION

Digitally signed by

JOSEPH L ZEDER

Aug 19, 2024

OFFICE

AJV-A432

DATE

08/19/2024

DEVELOPED BY

Digitally signed by

JOSEPH L ZEDER

Aug 19, 2024

Digitally signed by

JOSEPH L ZEDER

RECOMMENDED BY

JOSEPH L. ZEDER

Aug 19, 2024

Digitally signed by

JOSEPH L ZEDER

Aug 19, 2024

OFFICE

AJV-A432

DATE

TITLE
MANAGER

OFFICE

AJV-A432

DATE

TITLE

APPROVED BY



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

<u>HELIPORT ID</u> 25PN	<u>PROCEDURE NAME</u> COPTER RNAV (GPS) 080	<u>AMDT NO.</u> ORIG-B	<u>CITY</u> WELLSBORO	<u>STATE</u> PA	<u>SURFACE ELEVATION</u> 1781	<u>FACILITY</u> RNAV
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PART A: OBSTRUCTION DATA SEGMENTS

INITIAL

FROM TO
EMATE HIRIG

<u>RNP</u>	<u>DISTANCE</u> 3.00	<u>PAT</u>	<u>MAP</u>	<u>HAS</u>	<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	413915.00N/0772024.00W	2445	164	98	4E	1000				AT1055	4500
												TERRAIN	414145.00N/0772636.00W	2066 (2100)								AS1500	3600

COMPUTATIONS

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

SEGMENT REMARKS:

FC HAD POOR RECEPTION FROM ELMIRA APP CON

INITIAL

FROM TO
FENBU HIRIG

<u>RNP</u>	<u>DISTANCE</u> 3.00	<u>PAT</u>	<u>MAP</u>	<u>HAS</u>	<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	414547.40N/0772646.50W	2480	164	98	4E	1000				AT1020	4500
												TERRAIN	414547.40N/0772646.50W	2280 (2300)								AS1500	3800

COMPUTATIONS

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

SEGMENT REMARKS:

FC HAD POOR RECEPTION FROM ELMIRA APP CON



INTERMEDIATE

FROM
HIRIG

TO
ZEVTO

RNP	DISTANCE 3.00	PAT	MAP	HAS			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
AAO	414213.60N/0772528.30W		2190	50	20	2C	500					2700
TERRAIN	414213.60N/0772528.30W		1990 (2000)								AS1000	3000

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM
ZEVTO

TO
ZITSO/0.60 NM TO ZOSGO

RNP	DISTANCE 1.40	PAT	MAP	HAS			HMAS					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	414345.00N/0772115.00W		2014	50	20	2C	250				RA147	2420

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM
ZITSO/0.60 NM TO ZOSGO

TO
ZOSGO

RNP	DISTANCE 0.60	PAT	MAP ZOSGO	HAS 459	HMAS							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
TREE	414410.50N/0771805.98W		1834	50	20	2C	250				XP147	2240

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP: MATCH PREVIOUS MINIMUMS AND CONTINGENCY RASS ADJUSTMENT KEPT DUE TO ABBRVIATED AMENDMENT, MINIMUMS TO BE UPDATED ON NEXT FULL AMENDMENT.

MISSED APPROACH : LNAV

FROM
ZOSGO

TO
ZOVBO

RNP	DISTANCE	PAT	MAP	HAS	HMAS 2140							
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				3800
AAO	414650.30N/0771432.30W		2060	50	20	2C	1000					3100
TERRAIN	414650.30N/0771432.30W		1860 (1900)								AS1500	3400

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

CIRCLING

☐ ALL CATS

☐ CAT A

☐ CAT B

☐ CAT C

☐ CAT D

☐ CAT E

☒ NOT AUTHORIZED



MSA

CENTER
ZOSGO

RADIUS
25

SECTOR	OBSTRUCTION	COORDINATES	BEARING	DISTANCE	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
360-360	WINDMILL (42-132292)	415423.21N/0774207.71W	312	20.6	3234	20	3	1A	1000			4300

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:

PREVIOUS PROCEDURE FROM 3RD PARTY DEVELOPER:
VEGETATION SITE SURVEYED TO 75'.
MINOR AMENDMENT:
ALTIMETER SOURCE CLOSER TO HELIPORT ADDED TO AIRNAV RECORD AND NEW MINIMUMS WILL BE ADDRESSED ON NEXT FULL AMENDMENT.



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
ELM APP CON

<u>WX SERVICE</u> AWOS-3PT	<u>LOCATION</u> KN38	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KN38	<u>DISTANCE</u> 4.87	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> ASOS	<u>LOCATION</u> KELM	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KELM	<u>DISTANCE</u> 31.53	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 147

WX REMARKS:
RASS: PRESSURE PATTERNS THE SAME
K25PN 1490.0, KN38 1891.5
RA = 65.86*
K25PN 1490.0, KELM 954.5
RA = 146.67
* RASS ADJUSTMENT NOT APPLIED PER 8260.3 FOR ALTIMETER SOURCES LESS THAN 5 NM FROM SOURCE TO HELIPORT REFERENCE POINT.

<u>PRIMARY NAVAID</u>	<u>MONITOR POINT</u>	<u>HRS OPERATION</u>	<u>CAT</u>
<u>APPROACH AND RUNWAY LIGHTING SYSTEM</u>	<u>RUNWAY MARKINGS</u>	<u>RUNWAY VISUAL RANGE</u>	

<u>GLIDESLOPE ANGLE</u>	<u>ELEV RWY THRESHOLD</u>	<u>TCH</u>	<u>ELEV GS ANTENNA</u>	<u>DISTANCE FROM RWY</u>	<u>VGSI ANGLE</u>	<u>TCH</u>
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FINAL APPROACH COURSE AIMING

RUNWAY THRESHOLD	☐	FT FROM THRESHOLD	DISPLACED THRESHOLD DISTANCE
ON CENTERLINE	☐	FT FROM CENTERLINE	

CRITICAL TEMPERATURES

<u>CRITICAL LOW</u>	<u>CRITICAL HIGH</u>	<u>ACT</u>	<u>APT ISA</u>
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CRITICAL TEMPERATURE REMARKS:

"VISUAL PORTION OF FINAL" PENETRATIONS

HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS

and/or

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

1960 TERRAIN 414330.17N/0771609.05W (118.00)

1869 TOWER 414536.80N/0771729.30W (27.00)

PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

VDP NOT ESTABLISHED - POINT IN SPACE PROCEDURE.

POC: CEM/STAT MEDEVAC -JOHN KENNY, DIRECTOR OF OPERATIONS: (412) 460-3000, EXT 265.



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	1.00
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.00
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	067.97
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	1900
DISTANCE FROM	FAF	TO 1500FT POINT	1.80
WIDTH OF	INTERMEDIATE	SEGMENT AT 1500FT POINT	1.53
TRUE COURSE OF	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	067.96
HIGH TERRAIN IN	INTERMEDIATE	SEGMENT CONTAINING 1500FT POINT	2000

THRESHOLD
COORDINATES
(IF STR-IN)

ARP COORDINATES 414330.18N/0771714.99W

RUNWAY APCH END
AND DIST FURTHEST
FROM ARP

FAF COORDINATES 414325.62N/0772039.49W

FIX NAME
COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED
POINT IN SPACE COPTER RNAV PROCEDURE TO AN INTENDED LANDING AREA (ARP COORDINATES = HRP COORDINATES) MAP COORDINATES 414410.62N/0771810.91W (ZOSGO).



PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
TYLER MITCHELL	AJV-A412	08/19/2024	AERONAUTICAL INFORMATION SPECIALIST

