

**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</u> EAGLE'S NEST	<u>AIRPORT ID</u> W13	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1A	<u>CITY</u> WAYNESBORO	<u>STATE</u> VA	
<u>AIRPORT ELEVATION</u> 1436	<u>TDZE</u> 1436	<u>SUPERSEDED</u> RNAV (GPS) RWY 6	<u>ORIGINAL/AMENDMENT</u> 1	<u>DATED</u> 11/10/2016	<u>MAG VAR</u> 9W	<u>EPOCH YEAR</u> 2010
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u>	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>CANCEL/SUSPEND</u>		

TAA

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 331/30 CW 151/30	NOPT	OBEPE	IF/IAF	6700
2. 151/30 CW 331/30		OBEPE	IF/IAF	6700

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>
OBEPE	IF/IAF	SOSME		TF	FB	1.00	061.14	6.73	4700
SOSME	FAF	WILIV/6.80 NM TO RW06		TF	FB	0.30	061.21	3.00	
WILIV/6.80 NM TO RW06		RW06	MAP	TF	FO	0.30	061.21	6.80	
RW06	MAP	1836 MSL		CA			061.21		
1836 MSL		ZEDPA		DF	FO	1.00			6300

MISSED APPROACH

MAP:

LNAV: RW06

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 6300 DIRECT ZEDPA AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6300.

ALTERNATE MISSED APPROACH INSTRUCTIONS:



PROFILE:

1. PT

SIDE OF COURSE

OUTBOUND

FT WITHIN

MILES OF

(IAF)

2. HOLD SW OBEPE, RT, 061.14 INBOUND, 6700 FT. IN LIEU OF PT (IAF), MAX 9000.

3. FAF: 061.21FAF: SOSMEDIST FAF TO MAP: 9.80DIST FAF TO THLD: 9.80

4. MIN ALT: OBEPE 6700, SOSME 4700, WILIV/6.80 NM TO RW06 3700

5. DIST TO THLD FROM OM:MM:IM:150 HAT:GS ANT:

6. MIN GP INCPT:GP ALT AT FAF :OM:MM:IM:

7. GP ANGLE:34:1: IS NOT CLEAR20:1: IS NOT CLEARTCH:

8. MSA FROM:

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED.
CHART NOTE: PROCEDURE NA AT NIGHT.

ADDITIONAL FLIGHT DATA:

3649 AAO 375737N/0790601W.
HOLD NE, RT, 241.49 INBOUND.
FAS OBST: 1830 AAO 380422N/0785732W.
CHART CIRCLING ICON.
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.

MINIMUMS:

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

ALTERNATE: NA ☒

CATEGORY:	A			B			C			D			E		
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
LNAV MDA	2440	3	1004	2440	3	1004		NA			NA				
CIRCLING	2440	3	1004	2440	3	1004		NA			NA				

CHANGES - REASONS

1. DELETED CHART NOTE DME/DME RNP -0.3 NA AND ADDED PBN REQUIREMENTS NOTE RNP APCH - IAW 8260.19H PARA 8-6-8 B.

2. ADDED 20:1 IS NOT CLEAR TO PROFILE LINE 7 - NO AIRPORT SURVEY AT KW13..

3. REMOVED CHART NOTE REFERENCE TO BACK-UP ALTIMETER SETTING. MOVED TO THE FORM 8260-9 FOR CONTINGENCY PURPOSES.

4. DELETED "SOSME TO RWY 6: 3.10/40" AND ADDED "CHART PROFILE NOTE: VISUAL SEGMENT-OBSTACLES" IN ADDITIONAL FLIGHT DATA - FLIGHT INSPECTION RESULTS CLEARS NOTAM FDC 9/1348.

5. ADDED RNP VALUE 1.00 TO DF LEG 1836 MSL TO ZEDPA - IAW 8260.58A

6. ADDED MAX HOLDING AT FIX (OBEPE) "9000" TO LINE 2 - NEW REPORTS FORMAT INCLUDES MAXIMUM HOLDING ALTITUDES AT HOLD-IN-LIEU FIXES - 8260.19H, 8-6-7B(2).

7. CHANGED "CHART NOTE: HELICOPTER VISIBILITY REDUCTION NOT AUTHORIZED" TO "CHART NOTE: RWY 6 HELICOPTER VISIBILITY REDUCTION BELOW 1 SM NOT AUTHORIZED" - REVISED CRITERIA.
- QUALITY
10
CHECKED

COORDINATED WITH:

A4A ☐ **ALPA** ☒ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** ZDC, POTOMAC APP CON, AMGR

FLIGHT CHECKED BY

PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJF-10) MEMO, APRIL 29, 2020, SUBJECT:
FLIGHT INSPECTION REVIEW NOT REQUIRED

OFFICE

DATE

Digitally signed by

ALLAN WILL

Jun 08, 2020

DEVELOPED BY

DAVID DANNER (DALLIN STRICKLAND)

OFFICE

AJV-A421

DATE

04/03/2020

Digitally signed by

ALLAN WILL

Jun 08, 2020

APPROVED BY

MARLON ROBINSON

OFFICE

AJV-A420

DATE

TITLE
MANAGER

Digitally signed by

ALLAN WILL

Jun 08, 2020



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

AIRPORT	AIRPORT ID	PROCEDURE NAME	AMDT NO.	CITY	STATE	AIRPORT ELEVATION	FACILITY
EAGLE'S NEST	W13	RNAV (GPS) RWY 6	1A	WAYNESBORO	VA	1436	RNAV

PART A: OBSTRUCTION DATA SEGMENTS

STRAIGHT-IN AREA

FROM
331/30 CW 151/30

TO
OBEPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</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>
1.AAO	382046.16N/0793523.85W	4580	50	20	2C	2000				AT120	6700
2.TERRAIN	382046.16N/0793523.85W	4380 (4400)								AS1500	5900

COMPUTATIONS

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

STRAIGHT-IN AREA

FROM
151/30 CW 331/30

TO
OBEPE

<u>RNP</u>	<u>DISTANCE</u>	<u>PAT</u>	<u>MAP</u>	<u>HAT</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>
3.AAO	380959.32N/0791850.76W	4663	50	20	2C	2000					6700
4.TERRAIN	380959.32N/0791850.76W	4463 (4500)								AS1500	6000

COMPUTATIONS

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



INTERMEDIATE

FROM

OBEPE (IF/IAF)

TO

SOSME

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.73											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
5.AAO	375633.69N/0790645.28W		3880	50	20	2C	500				PR120	4500
6.TERRAIN	375633.69N/0790645.28W		3680 (3700)								AS1000	4700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

FINAL: LNAV

FROM

SOSME

TO

WILIV/6.80 NM TO RW06

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	3.00											
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
7.AAO	375821.52N/0790521.77W		2599	50	20	2C	250				RA60 DG491 XL190 PR110	3700

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



FINAL: LNAV STEPDOWN

FROM

WILIV/6.80 NM TO RW06

TO

RW06

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
	6.80		RW06			1004						
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
8.AAO	380421.76N/0785732.00W		1830	50	20	2C	250				XL40 XP320	2440

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:

XP OBST #8: SPECIAL CIRCUMSTANCE PROCEDURE. VA DEPT. OF AVIATION MANDATES A MINIMUM 1000' HAT AND 3 SM VISIBILITY.

HOLD-IN-LIEU OF PT

FROM

OBEPE

TO

P-9

RNP	DISTANCE	PAT	MAP	HAT			HMAS					
		P-9										
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
9.TWR (51-001079)	374743.00N/0791052.00W		4322	500	125	5E	1000				AT1378	6700
10.TERRAIN	374743.00N/0791052.00W		4072 (4100)								AS1500	5600

COMPUTATIONS

ALT

KIAS

KTAS

HAA

VKTW

TR

BA

DTA

COURSE CHANGE

DVEB

VEB OCS

RF CENTER FIX/DISTANCE

SEGMENT REMARKS:



MISSED APPROACH : LNAV

FROM
RW06

TO
ZEDPA

RNP	DISTANCE	PAT	MAP	HAT			HMAS 2300					
OBSTRUCTION	COORDINATES		ELEV MSL	HORZ	VERT	AC	ROC	OCS	CG	CGTA	ADJUSTMENTS	MIN ALT
								ASC				6300
11.AAO	381451.15N/0784013.10W		3589	50	20	2C	1000					4600
12.TERRAIN	381451.15N/0784013.10W		3389 (3400)								AS1500	4900

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

OBSTRUCTION	COORDINATES	RADIUS	HAA	ELEV MSL	HORZ	VERT	AC	ROC	OCS	ADJUSTMENTS	MIN ALT
CATEGORY A											
8.AAO	380421.76N/0785732.00W	1.31	1004	1830	50	20	2C	300		SI	2440
CATEGORY B											
8.AAO	380421.76N/0785732.00W	1.86	1004	1830	50	20	2C	300		SI	2440

CIRCLING REMARKS:

CENTER

RADIUS

MSA REMARKS:

NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:



PART B: SUPPLEMENTAL DATA

COMMUNICATIONS WITH
POTOMAC APP CON, ZDC ARTCC

<u>WX SERVICE</u> AWOS	<u>LOCATION</u> KW13	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KW13	<u>DISTANCE</u> 0	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 0
<u>BACK-UP WX SERVICE</u> AWOS	<u>LOCATION</u> KSHD	<u>HRS OPERATION</u> 24	<u>ALTIMETER SOURCE</u> KSHD	<u>DISTANCE</u> 11.429	<u>SERVICE-A</u> Y	<u>ADJUSTMENTS</u> 60

WX REMARKS:
RASS PRESSURE PATTERNS THE SAME
KW13 1436 FT, KSHD 1197
RA = 59.2FT.

<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>
RW06 - MIRL (PCL)		NRS-F	
RW24 - MIRL (PCL)		NRS-F	

<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



PENETRATIONS REMARKS:

PART C: GENERAL REMARKS:

VDP NOT ESTABLISHED - VISUAL SURFACES ASSUMED PENETRATED.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FOR CONTINGENCY PURPOSES: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE SHENANDOAH VALLEY RGNL ALTIMETER SETTING AND INCREASE ALL MDA 60 FEET.

KW13 HAS NO AIRPORT SURVEY DATA, ALL AIRPORT SURFACES ARE ASSUMED PENETRATED. LPV, LNAV/VNAV, LP MINIMUMS AND VDP NOT DEVELOPED. AS DIRECTED BY VA DEPARTMENT OF AVIATION, PROCEDURE HAT RAISED TO A MINIMUM 1000' AND VISIBILITY RESTRICTED TO NO LESS THAN 3 SM TO INCLUDE HELICOPTERS.

AS DIRECTED BY VA DEPARTMENT OF AVIATION, ALTERNATE MINIMUMS NA.

ORDER 8260.3 CHAPTER 2 APPLIED TO 3649 AAO 375737N-0790601W.

NON-SURVEYED VEGETATION IS 100' AGL AS PER EST FPT CHECKLIST.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA.
COMPUTED PROCEDURE VDA/TCH: 3.10/40.00, REMOVED PER
FLIGHT INSPECTION.

ORDER 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.



<u>AIRPORT</u> EAGLE'S NEST	<u>AIRPORT ID</u> W13	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 6	<u>AMDT NO.</u> 1A	<u>CITY</u> WAYNESBORO	<u>STATE</u> VA	<u>AIRPORT ELEVATION</u> 1436	<u>FACILITY</u> RNAV
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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	FAF	TO 1000FT POINT	9.33
WIDTH OF	FINAL	SEGMENT AT 1000FT POINT	1.70
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1000FT POINT	52.21
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1000FT POINT	3000
DISTANCE FROM	FAF	TO 1500FT POINT	9.40
WIDTH OF	FINAL	SEGMENT AT 1500FT POINT	1.76
TRUE COURSE OF	FINAL	SEGMENT CONTAINING 1500FT POINT	52.21
HIGH TERRAIN IN	FINAL	SEGMENT CONTAINING 1500FT POINT	3000

THRESHOLD COORDINATES (IF STR-IN)

380430.92N/0785649.89W

ARP COORDINATES

380436.98N/0785639.98W

RUNWAY APCH END AND DIST FURTHEST FROM ARP

RUNWAY 6 DISTANCE 0.16 NM

FAF COORDINATES

375830.77N/0790638.12W

FIX NAME COORDINATES

REMARKS

NO ADDITIONAL AIRSPACE REQUIRED

QUALITY
10
CHECKED

FAA Form 8260-9 / (11/16) Supersedes Previous Edition

Electronic Version

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PART E: PREPARED BY

NAME	OFFICE	DATE	TITLE
DAVID DANNER (DALLIN STRICKLAND)	AJV-A421	04/03/2020	AERONAUTICAL INFORMATION SPECIALIST

