

**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 ID</u> BKW	<u>PROCEDURE NAME</u> RNAV (GPS) RWY 1	<u>ORIGINAL/AMENDMENT</u> 2	<u>CITY</u> BECKLEY	<u>STATE</u> WV
<u>AIRPORT ELEVATION</u> 2504	<u>TDZE</u> 2495	<u>SUPERSEDED</u> RNAV (GPS) RWY 1	<u>DATED</u> 07/16/2020	<u>MAG VAR</u> 6W
<u>FACILITY</u> RNAV	<u>COORDINATES OF FACILITIES</u>	<u>ACTUAL EFFECTIVE DATE</u> 26 DECEMBER 2024	<u>REQUIRED EFFECTIVE DATE</u> ROUTINE	<u>EPOCH YEAR</u> 1985
				<u>CANCEL/SUSPEND</u>

**TAA**

<u>FROM</u>	<u>FIX TYPE</u>	<u>TO</u>	<u>FIX TYPE</u>	<u>ALTITUDE</u>
1. 284/30 CW 103/30	NOPT	284/16 CW 103/16		6900
2. 284/16 CW 103/16		WAGID	IF/IAF	5900
3. 103/30 CW 193/30		ZABIK	IAF	6000
4. 193/30 CW 284/30		GOSNE	IAF	6400

**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>
ZABIK	IAF	WAGID	NOPT	TF	FB	1.00	103.38	7.00	5900
GOSNE	IAF	WAGID	NOPT	TF	FB	1.00	283.56	7.00	5900
WAGID	IF/IAF	SUCOG		TF	FB	1.00	013.47	3.40	5000
SUCOG		HUDIR		TF	FB	1.00	013.48	3.10	4200
HUDIR	FAF	OMUBE/2.97 NM TO RW01		TF	FB	0.30	013.48	2.26	
OMUBE/2.97 NM TO RW01		RW01	MAP	TF	FO	0.30	013.48	2.97	
RW01	MAP	2810 MSL		CA			013.48		
2810 MSL		YISUK		DF	FO	1.00			5900

**MISSED APPROACH**

**MAP:**

LPV: DA  
LNAV/VNAV: DA  
LNAV: RW01

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 5900 DIRECT YISUK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5900.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**



**PROFILE:**

- 1. **PT**                      **SIDE OF COURSE**                      **OUTBOUND**                      **FT WITHIN**                      **MILES OF**                      (IAF)
- 2. HOLD S WAGID, RT, 013.47 INBOUND, 5900 FT. IN LIEU OF PT (IAF), MAX 6900.
- 3. **FAC:** 013.48                      **FAF:** HUDIR                      **DIST FAF TO MAP:** 5.23                      **DIST FAF TO THLD:** 5.23
- 4. **MIN ALT:** WAGID 5900, SUCOG 5000, HUDIR 4200, OMUBE/2.97 NM TO RW01 3480
- 5. **DIST TO THLD FROM OM:**                      **MM:**                      **IM:**                      **150 HAT:**                      **315 HAT:** 0.86                      **GS ANT:**
- 6. **MIN GP INCPT:** 4200                      **GP ALT AT PFAF:** HUDIR 4200                      **OM:**                      **MM:**                      **IM:**
- 7. **GP ANGLE:** 3.00                      **34:1:** IS NOT CLEAR                      **20:1:** IS CLEAR                      **TCH:** 40.0
- 8. **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.  
 CHART NOTE: FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C.

**ADDITIONAL FLIGHT DATA:**

HOLD N, RT, 193.51 INBOUND.  
 CHART FAS OBST: 2997 TREE 374351N/0810715W.  
 CHART VDP AT 2.26 NM TO RW01.  
 WAAS CHANNEL # 56323  
 REFERENCE PATH ID: W01A  
 CHART CIRCLING ICON.  
 LTP HAE: 729.5 M

**MINIMUMS:**

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

**ALTERNATE:** NA  STANDARD - CAT C 900-2 1/2, CAT D 1000-3, NA WHEN LOCAL WEATHER NOT AVAILABLE.

CATEGORY:	A			B			C			D			E			
	FINAL TYPE	DA/MDA	VIS	HAT/HAA												
LPV DA	2810	7/8	315	2810	7/8	315	2810	7/8	315	2810	7/8	315				
LNAV/VNAV DA	3093	1 3/4	598	3093	1 3/4	598	3093	1 3/4	598	3093	1 3/4	598				
LNAV MDA	3260	1	765	3260	1 1/4	765	3260	2 1/2	765	3260	2 1/2	765				
CIRCLING	3260	1	756	3260	1 1/4	756	3320	2 1/2	816	3500	3	996				



**CHANGES - REASONS**

1. ADDED TAA. - ATC REQUEST DUE TO BKW VOR/DME DECOMMISSION.
2. TERMINAL ROUTES: REMOVED BKW VOR/DME FEEDER, KEGLY/ESTEM IAFS AND ADDED IAFS ZABIK/GOSNE. - ATC REQUEST DUE TO BKW VOR/DME DECOMMISSION AND PROCEDURE REDESIGN ADDING TAA.
3. TERMINAL ROUTES: CHANGED WAGID-SUCOG DIST/ALT FROM 3.61/4500 TO 3.40/5000, CHANGED SUCOG-HUDIR COURSE/DIST FROM 013.47/2.41 TO 013.48/3.10, CHANGED HUDIR-OMUBE DIST FROM 2.23 TO 2.26, CHANGED OMUBE-RW01 DIST FROM 2.23 TO 2.97, AND CHANGED 2810-YISUK ALT FROM 5200 TO 5900. - WAGID/SUCOG MOVED TO FACILITATE HIGHER TAA ALTS, HUDIR/OMUBE MOVED TO REFLECT OPTIMAL FINAL DESIGN, AND REFLECT YISUK HIL ON RECIPROCAL IAP.
4. TERMINAL ROUTES: CHANGED OMUBE DESCRIPTION FROM 3.00 NM TO RW01 TO 2.97 NM TO RW01. - MOVED OMUBE TO REFLECT OPTIMAL FINAL DESIGN.
5. MA INSTRUCTION: CHANGED FROM "CLIMB TO 5200 DIRECT YISUK AND HOLD" TO "CLIMB TO 5900 DIRECT YISUK AND HOLD, CONTINUE CLIMB-IN-HOLD TO 5900." - REFLECT YISUK HIL ON RECIPROCAL IAP AND NEW EVAL COMPLETED.
6. PBN REQUIREMENT NOTE: ADDED RNP APCH-GPS. - IAW 8260.19J.
7. NOTES: CHANGED FROM "HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NA" TO "RWY 1 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED". - IAW 8260.19J.
8. PROFILE LINE 2: CHANGED ALT FROM 5100 TO 5900 AND ADDED MAX 6900. - FACILITATE HIGHER TAA ALTS AND IAW 8260.19J.
9. PROFILE LINE 4: CHANGED FROM "WAGID 5100" TO "WAGID 5900", FROM "SUCOG 4500" TO "SUCOG 5000", AND CHANGED FROM "OMUBE/3.00 NM TO RW01 3440\*" TO "OMUBE/2.97 NM TO RW01 3440". - FACILITATE HIGHER TAA ALTS, OMUBE MOVED TO REFLECT OPTIMAL FINAL DESIGN, AND IAW 8260.19J.
10. PROFILE: ADDED 20:1 IS CLEAR TO LINE 7, ADDED 315 HAT: 0.86 TO LINE 5, AND REMOVED MSA FROM LINE 8. - IAW 8260.19J AND ADDED TAA.
11. NOTES: CHANGED FROM "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -19°C (-2F) OR ABOVE 54°C (82F)" TO "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, LNAV/VNAV NA BELOW -14°C OR ABOVE 54°C". - NEW EVAL COMPLETED WITH NEW WX DATA AND IAW 8260.19J.
12. NOTES: REMOVED "WHEN LOCAL ALTIMETER NOT RECEIVED, USE BLUEFIELD ALTIMETER SETTING AND INCREASE ALL DA 118 FEET AND ALL MDA 120 FEET; INCREASE LPV ALL CATS VISIBILITY SM, LNAV/VNAV ALL CATS VISIBILITY SM, LNAV CAT C/D VISIBILITY SM AND CIRCLING CAT A/C VISIBILITY SM". - IAW 8260.19J AND MOVED TO -9.
13. NOTES: REMOVED "BARO-VNAV NA WHEN USING BLUEFIELD ALTIMETER SETTING" AND REMOVED DME/DME RNP-0.3 NA. - MOVED TO -9, IAW 8260.19J AND NO LONGER REQUIRED.
14. ADDITIONAL FLIGHT DATA: REMOVED 3040 AAO, \*LNAV ONLY, AND DISTANCE TO THLD FROM 315 HATH. - NEW EVAL COMPLETED WITH NEW OBST AND NO LONGER REQUIRED.
15. ADDITIONAL FLIGHT DATA: REMOVED 7:1 OBST 3305 AAO, CHANGED FAS OBST FROM 2979 TREE TO 2997 TREE, AND CHANGED FROM VDP AT 2.21 MILES TO RW01\* TO VDP AT 2.26 NM TO RW01. - IAW 8260.19J, NEW EVAL COMPLETED WITH NEW OBSTS AND IAW 8260.3E.
16. MINS: LPV VIS CHANGED FROM 1SM TO 7/8SM, LNAV/VNAV VIS CHANGED FROM 2 1/4SM TO 1 3/4SM, AND LNAV CHANGED FROM 3240/745 TO 3260/765, CAT C/D VIS CHANGED FROM 2SM TO 2 1/2SM. - IAW 8260.3E AND NEW EVAL COMPLETED WITH NEW OBSTS.
17. MINS: CIRCLING CAT A/B CHANGED FROM 3240/736 TO 3260/756. - MATCH LNAV MINS.
18. FAS DATA: CRC REMAINDER CHANGED FROM D3A422C5 TO DE84D840. - FPAP CHANGED FROM 374823.8800N/0810718.1400W TO 374823.8800N/0810718.1470W.

**COORDINATED WITH:**

A4A  
  ALPA  
  AOPA  
  APA  
  HAI  
  NBAA  
 OTHER: ZID, CRW APPCH CON, AMGR

**FLIGHT CHECKED BY**

*Digitally signed by*

EDWARD W MESA

**CASIMIR L TABAKA**

Oct 23, 2024

**OFFICE**

AJF

**DATE**

10/16/2024

**DEVELOPED BY**

ERIC N SUSKI (ANDRE TUCKER)

*Digitally signed by*

**CASIMIR L TABAKA**

Oct 23, 2024

**OFFICE**

AJV-A431

**DATE**

08/06/2024

**APPROVED BY**

ERIC N SUSKI

**CASIMIR L TABAKA**

*Digitally signed by*

Oct 23, 2024

**OFFICE**

AJV-A431

**DATE**

12/26/2024

**TITLE**

MANAGER



AIRPORT ID  
BKW

PROCEDURE NAME  
RNAV (GPS) RWY 1

ORIGINAL/AMENDMENT  
2

CITY  
BECKLEY

STATE  
WV

FAS DATA BLOCK INFORMATION

<u>DATA FIELD</u>	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBKW
RUNWAY	RW01
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W01A
LTP/FTP LATITUDE	374655.4395N
LTP/FTP LONGITUDE	0810732.8020W
LTP/FTP ELLIPSOIDAL HEIGHT	+07295
FPAP LATITUDE	374823.8800N
FPAP LONGITUDE	0810718.1470W
THRESHOLD CROSSING HEIGHT (TCH)	00040.0
TCH UNITS SELECTOR (METERS OR FEET USED)	F
GLIDEPATH ANGLE (GPA)	03.00
COURSE WIDTH AT THRESHOLD	106.75
LENGTH OFFSET	0696
HORIZONTAL ALERT LIMIT (HAL)	40.0
VERTICAL ALERT LIMIT (VAL)	50.0

CRC REMAINDER DE84D840

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE	K6
LTP ORTHOMETRIC HEIGHT	+07606
FPAP ORTHOMETRIC HEIGHT	+07606

