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.

STATE AIRPORT PROCEDURE NAME ORIGINAL/AMENDMENT **CITY** AIRPORT ID RALEIGH COUNTY MEMORIAL RNAV (GPS) RWY 19 1C **BECKLEY** WV**KBKW AIRPORT ELEVATION TDZE SUPERSEDED ORIGINAL/AMENDMENT DATED MAG VAR EPOCH YEAR**

1B

07/21/2016

6W

1985

RNAV (GPS) RWY 19 **FACILITY COORDINATES OF FACILITIES ACTUAL EFFECTIVE DATE** REQUIRED EFFECTIVE DATE CANCEL/SUSPEND

RNAV ROUTINE **5 DECEMBER 2019**

2468

TERMINAL ROUTES

2504

FROM	FIX TYPE	<u>TO</u>	FIX TYPE	LEG TYPE	FO/FB	RNP	COURSE	DISTANCE	ALTITUDE
BKW VOR/DME		YISUK		TF	FO	1.00	012.99	14.28	5200
COMEG	IAF	YISUK	NOPT	TF	FB	1.00	282.64	10.00	5200
GAULE	IAF	YISUK	NOPT	TF	FB	1.00	152.12	7.40	5200
YISUK	IF/IAF	VOCUK		TF	FB	1.00	193.51	7.13	4400
VOCUK	FAF	ZIDNA/2.50 NM TO RW19		TF	FB	0.30	193.50	3.45	
ZIDNA/2.50 NM TO RW19		RW19	MAP	TF	FO	0.30	193.50	2.50	
RW19	MAP	2688 MSL		CA			193.50		
2688 MSL		WAGID		DF	FO	1.00			5100

MISSED APPROACH

MAP: LPV: DA

LNAV/VNAV: DA LNAV: RW19

MISSED APPROACH INSTRUCTIONS:

CLIMB TO 5100 DIRECT WAGID AND HOLD.

ALTERNATE MISSED APPROACH INSTRUCTIONS:

<u>AIRPORT</u> AIRPORT ID PROCEDURE NAME **ORIGINAL/AMENDMENT** <u>CITY</u> **STATE** RALEIGH COUNTY MEMORIAL **KBKW** RNAV (GPS) RWY 19 1C **BECKLEY** WV

PROFILE:

1. PT SIDE OF COURSE **OUTBOUND FT WITHIN** MILES OF (IAF)

2. HOLD N YISUK, RT, 193.51 INBOUND, 5200 FT. IN LIEU OF PT (IF/IAF), MAX 6000.

3. FAC: 193.50 FAF: VOCUK **DIST FAF TO MAP: 5.95 DIST FAF TO THLD: 5.95**

4. MIN ALT: YISUK 5200, VOCUK 4400, ZIDNA/2.50 NM TO RW19 3300*

5. DIST TO THLD FROM OM: MM: IM: 220 HAT: 0.58 GS ANT:

6. MIN GP INCPT: 4400 **GP ALT AT FAF:** VOCUK 4400 OM: MM: IM:

7. GP ANGLE: 3.00 **34:1:** IS CLEAR **20:1:** IS CLEAR TCH: 55.1

8. MSA FROM: RW19 5400

PBN REQUIREMENTS NOTE:

RNP APCH.

NOTES:

CHART NOTE: BARO-VNAV NA.

CHART PLANVIEW NOTE: PROCEDURE NA FOR ARRIVALS AT BKW VOR/DME ON V258 SOUTHEAST BOUND AND V478 EASTBOUND.

ADDITIONAL FLIGHT DATA:

CHART CIRCLING ICON. CHART VDP AT 1.30 NM TO RW19* *LNAV ONLY WAAS CHANNEL #63011 REFERENCE PATH ID: W19A CHART FAS OBST: 2609 OL ON TANK 374757N/0810701W.

3009 AAO 375353N/0810502W. HOLD S. RT. 013.47 INBOUND

LTP HAE: 715.3 M

MINIMUMS:

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

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

CATEGORY:	A		В		С			D			E				
FINAL TYPE	DA/MDA	<u>VIS</u>	HAT/HAA	<u>DA/MDA</u>	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA	DA/MDA	<u>VIS</u>	HAT/HAA
LPV DA	2688	1/2	220	2688	1/2	220	2688	1/2	220	2688	1/2	220			
LNAV/VNAV DA	2801	5/8	333	2801	5/8	333	2801	5/8	333	2801	5/8	333			
LNAV MDA	2920	1/2	452	2920	1/2	452	2920	7/8	452	2920	7/8	452			
CIRCLING	3120	1	616	3180	1	676	3320	2 1/2	816	3500	3	996			

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CHANGES - REASONS

- 1. DELETED CHART NOTE: DME/DME RNP-0.3 NA AND ADDED RNP APCH TO PBN REQUIREMENTS NOTES IAW 8260.19H PARA 8-6-8.
- 2. CHANGED CHART NOTE "FOR UNCOMPENSATED BARO-VNAV SYSTEMS, PROCEDURE NA BELOW -19°C (-2°F) OR ABOVE 28°C (82°F)" TO "BARO-VNAV NA PRECIPITOUS TERRAIN IN FINAL.
- 3. ADDED 20:1 IS CLEAR IAW 8260.19H PARA 8-6-7 & INCORPORATED NOTAM 6/7100.
- 4. CHANGED CA LEG ALTITUDE FROM 2649 FT TO 2688 FT PR ADJUSTMENT AND TDZE CHANGE.
- 5. ADDED CHART CIRCLING ICON 8260.19H PARA 8-6-8 AND 8260.3, VOLUME 1, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED (BASED ON ILS AMDT 7).
- 6. DELETED FEEDER RAINELLE (RNL) FROM APPROACH SEGMENT RNL BEING DECOMMISSIONED.
- 7. MOVED CHART NOTE: "WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BLUEFIELD ALTIMETER SETTING AND INCREASE ALL DA 118 FT AND ALL MDA 120 FT; INCREASE LNAV/VNAV ALL CATS VISIBILITY 3/8 MILE, AND LNAV AND CIRCLING CATS C/D 1/4 MILE" TO -9 AS A CONTINGENCY NOTE ASOS ON WMSCR.

OTHER: ZID, CRW APPCH CON, AMGR, ATA

- 8. INCREASED LNAV CAT A/B MDA/HAT FROM 2860/392 TO 2920/452 AND CAT C/D MDA/HAT/VISIBILITY FROM 2860/392/3/4 SM TO 2920/452/7/8 SM PRECIPITOUS TERRAIN IN FINAL.
- 9. ADDED "MAX 6000" TO HOLD-IN-LIEU ON LINE 2 IAW 8260.19H PARA 8-6-7.B(2).
- 10. INCREASED LPV ALL CATS DA/HAT FROM 2649/200 TO 2688/220 PRECIPITOUS TERRAIN IAW TERPS PARAGRAPH 3-2-2 B (10% OF HAT).

NBAA X

- 11. INCREASED CIRCLING CAT C MDA/HAA/VISIBILITY FROM 3180/676/2 SM TO 3320/816/2 1/2 SM, CAT D FROM 3180/676/2 1/4 SM TO 3500/996/3 SM NEW CIRCLING CRITERIA APPLIED.
- 12. CHANGED COURSE FROM ZIDNA TO RWY 19 FROM 193.49 TO 193.50 TARGETS EVALUATION.
- 13. CHANGED THE DISTANCE FROM THE THLD TO THE 220 HAT FROM .46 TO .58 TO THE PROFILE DA/HAT INCREASED.
- 14. CHANGED THE VDP FROM 1.12 TO 1.30 MDA INCREASED.

AOPA X

Sep 18, 2019

15. INCREASED LNAV/VNAV ALL CATS DA/HAT FROM 2789/321 TO 2801/333 - PRECIPITOUS TERRAIN IN FINAL.

HAI |

16. ALL REFERENCES TO BKW VORTAC CHANGED TO BKW VOR/DME - TACR PROJECT.

APA

COORDINATED WITH: A4A X ALPA X

FLIGHT CHECKED BY PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-33) MEMO, OCTOBER 3, 2018, SUBJECT: FLIGHT INSPECTION REVIEW NOT REQUIRED				Digitally signed by DATE DAVID DANNER Sep 18, 2019	
<u>DEVELOPED BY</u> DAVID DANNER (DEA	N GRACEY)	Digitally signed by DAVID DANNER	<u>OFFICE</u> AJV-A421	<u>DATE</u> 07/25/2019	
APPROVED BY MARLON ROBINSON	Digitally signed by DAVID DANNER	Sep 18, 2019	<u>OFFICE</u> AJV-A420	<u>DATE</u>	<u>TITLE</u> MANAGER

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FAS DATA BLOCK INFORMATION

DATA FIELD	<u>DATA</u>
OPERATION TYPE	0
SBAS SERVICE PROVIDER IDENTIFIER	0
AIRPORT IDENTIFIER	KBKW
RUNWAY	RW19
APPROACH PERFORMANCE DESIGNATOR	0
ROUTE INDICATOR	
REFERENCE PATH DATA SELECTOR	0
REFERENCE PATH IDENTIFIER (APPROACH ID)	W19A
LTP/FTP LATITUDE	374801.5905N
LTP/FTP LONGITUDE	0810721.8410W
LTP/FTP ELLIPSOIDAL HEIGHT	+07153
FPAP LATITUDE	374633.1500N
FPAP LONGITUDE	0810736.4900W

THRESHOLD CROSSING HEIGHT (TCH) 00055.1

TCH UNITS SELECTOR (METERS OR FEET USED) F

GLIDEPATH ANGLE (GPA) 03.00

COURSE WIDTH AT THRESHOLD 106.25

LENGTH OFFSET 0696

HORIZONTAL ALERT LIMIT (HAL) 40.0

VERTICAL ALERT LIMIT (VAL) 35.0

CRC REMAINDER 1D4717C2

ADDITIONAL PATH POINT RECORD INFORMATION

ICAO CODE K6
LTP ORTHOMETRIC HEIGHT +07464
FPAP ORTHOMETRIC HEIGHT +07464