# 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.

| AIRPORT ID | PROCEDURE NAME | ORIGINAL/AMENDMENT | CITY | STATE |
|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV |

| AIRPORT ELEVATION | TDZE | SUPERSEDED | ORIGINAL/AMENDMENT | DATED | MAG VAR | EPOCH YEAR |
|---|---|---|---|---|---|---|
| 2504 | 2504 | RNAV (GPS) RWY 28 | 1D | 10/07/2021 | 6W | 1985 |

| FACILITY | COORDINATES OF FACILITIES | ACTUAL EFFECTIVE DATE | REQUIRED EFFECTIVE DATE | CANCEL/SUSPEND |
|---|---|---|---|---|
| RNAV | | | ROUTINE | |

**TAA**

| FROM | FIX TYPE | TO | FIX TYPE | ALTITUDE |
|---|---|---|---|---|
| 1. 194/30 CW 014/30 | NOPT | 194/15 CW 014/15 | | 6800 |
| 2. 194/15 CW 014/15 | | WIPGU | IF/IAF | 6300 |
| 3. 014/30 CW 104/30 | | 014/18 CW 104/18 | | 6400 |
| 4. 014/18 CW 104/18 | | NUPME | IAF | 6300 |
| 5. 104/30 CW 194/30 | | YOGUB | IAF | 6300 |

**TERMINAL ROUTES**

| FROM | FIX TYPE | TO | FIX TYPE | LEG TYPE | FO/FB | RNP | COURSE | DISTANCE | ALTITUDE |
|---|---|---|---|---|---|---|---|---|---|
| NUPME | IAF | WIPGU | NOPT | TF | FB | 1.00 | 013.67 | 7.00 | 6300 |
| YOGUB | IAF | WIPGU | NOPT | TF | FB | 1.00 | 193.69 | 7.00 | 6300 |
| WIPGU | IF/IAF | RIYBO | | TF | FB | 1.00 | 283.68 | 3.76 | 5000 |
| RIYBO | | MIVKE | | TF | FB | 1.00 | 283.63 | 3.10 | 4400 |
| MIVKE | FAF | RW28 | MAP | TF | FO | 0.30 | 283.59 | 5.81 | |
| RW28 | MAP | 2904 MSL | | CA | | | 283.59 | | |
| 2904 MSL | | OTUCU | | DF | FO | 1.00 | | | 6000 |

**MISSED APPROACH**

**MAP:**

LP: RW28
LNAV: RW28

**MISSED APPROACH INSTRUCTIONS:**

CLIMB TO 6000 DIRECT OTUCU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000.

**ALTERNATE MISSED APPROACH INSTRUCTIONS:**

| AIRPORT ID | PROCEDURE NAME | ORIGINAL/AMENDMENT | CITY | STATE |
|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV |

**PROFILE:**

**1.** **PT** **SIDE OF COURSE** **OUTBOUND** **FT WITHIN** **MILES OF** (IAF)
**2.** HOLD E WIPGU, RT, 283.68 INBOUND, 6300 FT. IN LIEU OF PT (IAF), MAX 7300.
**3.** **FAC:** 283.59 **FAF:** MIVKE **DIST FAF TO MAP:** 5.81 **DIST FAF TO THLD:** 5.81
**4.** **MIN ALT:** WIPGU 6300, RIYBO 5000, MIVKE 4400
**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 CLEAR **20:1:** IS CLEAR **TCH:**
**8.** **MSA FROM:**

**PBN REQUIREMENTS NOTE:**

RNP APCH - GPS.

**NOTES:**

CHART NOTE: RWY 28 HELICOPTER VISIBILITY REDUCTION BELOW 3/4 SM NOT AUTHORIZED.

**ADDITIONAL FLIGHT DATA:**

CHART CIRCLING ICON.

HOLD W, RT, 103.34 INBOUND.
CHART FAS OBST: 3056 TOWER (54-024553) 374607N/0810259W.
CHART VDP AT 1.88 NM TO RW28.
WAAS CHANNEL # 42923
REFERENCE PATH ID: W28A
CHART PROFILE NOTE: VISUAL SEGMENT - OBSTACLES.
LTP HAE: 731.2 M

**MINIMUMS:**

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

**ALTERNATE:** NA ☐ CAT A, B 900-2, 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 | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA | DA/MDA | VIS | HAT/HAA |
| LP MDA | 3320 | 1 | 816 | 3320 | 1 1/4 | 816 | 3320 | 2 1/2 | 816 | 3320 | 2 1/2 | 816 | | | |
| LNAV MDA | 3320 | 1 | 816 | 3320 | 1 1/4 | 816 | 3320 | 2 1/2 | 816 | 3320 | 2 1/2 | 816 | | | |
| CIRCLING | 3320 | 1 1/4 | 816 | 3320 | 1 1/4 | 816 | 3320 | 2 1/2 | 816 | 3500 | 3 | 996 | | | |

| AIRPORT ID | PROCEDURE NAME | ORIGINAL/AMENDMENT | CITY | STATE |
|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV |

**CHANGES - REASONS**

1.ADDED TAA. - ATC REQUEST DUE TO BKW VOR/DME DECOMMISSION.
2. TERMINAL ROUTES: REMOVED BKW VOR/DME FEEDER, ZOOMS IAF AND ADDED IAF NUPME. - ATC REQUEST DUE TO BKW VOR/DME DECOMMISSION AND PROCEDURE REDESIGN ADDING TAA.
3. TERMINAL ROUTES: ADDED RIYBO AS INTERMEDIATE SDF AND CHANGED YOGUB-WIPGU COURSE/DIST/ALT FROM 198.70/6.50/5700 TO 193.69/7.00/6300. - FACILITATE HIGHER TAA ALTS AND REDESIGN REQUESTED BY ATC.
4. TERMINAL ROUTES: CHANGED 2904 MSL-OTUCU ALT FROM 5300 TO 6000. - REFLECT OTUCU HIL ON RECIPROCAL IAP.
5. MA INSTRUCTIONS: CHANGED FROM "CLIMB TO 5300 DIRECT OTUCU AND HOLD" TO "CLIMB TO 6000 DIRECT OTUCU AND HOLD, CONTINUE CLIMB-IN-HOLD TO 6000". - REFLECT OTUCU HIL ON RECIPROCAL IAP AND NEW EVAL COMPLETED.
6. PROFILE LINE 2: CHANGED ALT FROM 5700 TO 6300 AND CHANGED MAX FROM 6000 TO 7300. - MOVED WIPGU, FACILITATE HIGHER TAA ALTS, AND IAW 8260.19J.
7. PROFILE: CHANGED FROM WIPGU 5700 TO 6300 FROM LINE 4, ADDED RIYBO 5000 TO LINE 4, AND REMOVED MSA FROM LINE 8. - FACILITATE HIGHER TAA ALTS AND ADDED TAA.
8. NOTES: REMOVED BKW VOR/DME AND ZOOMS PROCEDURE NA FOR ARRIVALS NOTE. - REMOVED BKW VOR/DME AND ZOOMS FROM IAP.
9. ADDITIONAL FLIGHT DATA: CHANGED HOLD COURSE FROM 103.35 TO 103.34, REMOVED 7:1 OBST 3120 AAO 374650N/0810009W, AND ADDED (54-024553) TO FAS OBST DESCRIPTION. - MOVED OTUCU, NEW EVAL COMPLETED, AND IAW 8260.19J.
10. FAS DATA: CRC REMAINDER CHANGED FROM 90116DC8 TO C024196F. - FPAP CHANGED FROM 374703.7100N/0810847.1100W TO 374703.7070N/0810847.1050W.

**COORDINATED WITH:**

**A4A** [X] **ALPA** [X] **AOPA** [X] **APA** [ ] **HAI** [ ] **NBAA** [X] **OTHER:** ZID, CRW APPCH CON, AMGR

| | | | | |
|---|---|---|---|---|
| **FLIGHT CHECKED BY** | *Digitally signed by* ***CASIMIR L TABAKA*** Oct 23, 2024 | **OFFICE** | **DATE** | |
| EDWARD W MESA | | AJF | 10/16/2024 | |
| **DEVELOPED BY** | *Digitally signed by* ***CASIMIR L TABAKA*** Oct 23, 2024 | **OFFICE** | **DATE** | |
| ERIC N SUSKI (ANDRE TUCKER) | | AJV-A431 | 08/06/2024 | |
| **APPROVED BY** | *Digitally signed by* ***CASIMIR L TABAKA*** Oct 23, 2024 | **OFFICE** | **DATE** | **TITLE** |
| ERIC N SUSKI | | AJV-A430 | 12/26/2024 | MANAGER |

QUALITY 34 CHECKED

**FAS DATA BLOCK INFORMATION**

| DATA FIELD | DATA |
|---|---|
| OPERATION TYPE | 0 |
| SBAS SERVICE PROVIDER IDENTIFIER | 0 |
| AIRPORT IDENTIFIER | KBKW |
| RUNWAY | RW28 |
| APPROACH PERFORMANCE DESIGNATOR | 0 |
| ROUTE INDICATOR | |
| REFERENCE PATH DATA SELECTOR | 0 |
| REFERENCE PATH IDENTIFIER (APPROACH ID) | W28A |
| LTP/FTP LATITUDE | 374652.0500N |
| LTP/FTP LONGITUDE | 0810655.6760W |
| LTP/FTP ELLIPSOIDAL HEIGHT | +07312 |
| FPAP LATITUDE | 374703.7070N |
| FPAP LONGITUDE | 0810847.1050W |
| THRESHOLD CROSSING HEIGHT (TCH) | 00000.0 |
| TCH UNITS SELECTOR (METERS OR FEET USED) | F |
| GLIDEPATH ANGLE (GPA) | 00.00 |
| COURSE WIDTH AT THRESHOLD | 106.75 |
| LENGTH OFFSET | 1224 |
| HORIZONTAL ALERT LIMIT (HAL) | 40.0 |
| VERTICAL ALERT LIMIT (VAL) | 00.0 |
| CRC REMAINDER | C024196F |

**ADDITIONAL PATH POINT RECORD INFORMATION**

| | |
|---|---|
| ICAO CODE | K6 |
| LTP ORTHOMETRIC HEIGHT | +07622 |
| FPAP ORTHOMETRIC HEIGHT | +07622 |

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

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**PART A: OBSTRUCTION DATA SEGMENTS**

**STRAIGHT-IN AREA**

**FROM**
194/30 CW 014/30

**TO**
194/15 CW 014/15

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| WINDMILL (54-020196) | 380356.09N/0802948.45W | 4774 | 500 | 125 | 5E | 2000 | | | | | 6800 |
| TERRAIN | 380357.00N/0802951.00W | 4383 (4400) | | | | | | | | AS1500 | 5900 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**STRAIGHT-IN AREA**

**FROM**
194/15 CW 014/15

**TO**
WIPGU

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (54-020223) | 374624.93N/0804219.27W | 4248 | 50 | 20 | 2C | 2000 | | | | | 6300 |
| TERRAIN | 374624.00N/0804218.00W | 3927 (3900) | | | | | | | | AS1500 | 5400 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**LEFT BASE AREA**

| FROM | TO |
|---|---|
| 014/30 CW 104/30 | 014/18 CW 104/18 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (51-000652) | 371449.00N/0805119.00W | 4328 | 500 | 125 | 5E | 2000 | | | | | 6400 |
| TERRAIN | 371733.00N/0805848.00W | 4068 (4100) | | | | | | | | AS1500 | 5600 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**LEFT BASE AREA**

| FROM | TO |
|---|---|
| 014/18 CW 104/18 | NUPME |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (54-000067) | 373520.74N/0810652.21W | 3821 | 250 | 50 | 4D | 2000 | | | | AT479 | 6300 |
| TERRAIN | 373521.00N/0810654.00W | 3572 (3600) | | | | | | | | AS1500 | 5100 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**RIGHT BASE AREA**

| FROM | TO |
|---|---|
| 104/30 CW 194/30 | YOGUB |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AAO | 375509.00N/0804651.00W | 3813 | 215 | 8 | 4B | 2000 | | | | AT487 | 6300 |
| TERRAIN | 375415.00N/0805642.00W | 3441 (3400) | | | | | | | | AS1500 | 4900 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INITIAL**

| FROM | TO |
|---|---|
| NUPME | WIPGU |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 1.00 | 7.00 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AAO | 374142.00N/0805033.00W | 3501 | 215 | 8 | 4B | 1000 | | | | PR180 AT1619 | 6300 |
| TERRAIN | 374142.00N/0805033.00W | 3300 (3300) | | | | | | | | AS1500 | 4800 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**INITIAL**

| FROM | TO |
|---|---|
| YOGUB | WIPGU |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 1.00 | 7.00 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AAO | 375133.00N/0804730.00W | 3514 | 215 | 8 | 4B | 1000 | | | | PR170 AT1616 | 6300 |
| TERRAIN | 375130.00N/0804730.00W | 3313 (3300) | | | | | | | | AS1500 | 4800 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**INTERMEDIATE**

| FROM | TO |
|---|---|
| WIPGU (IF/IAF) | RIYBO |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 1.00 | 3.76 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| AAO | 374209.00N/0805445.00W | 3494 | 215 | 8 | 4B | 500 | | | | PR170 AT836 | 5000 |
| TERRAIN | 374245.00N/0805600.00W | 3257 (3300) | | | | | | | | AS1500 | 4800 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**INTERMEDIATE: STEPDOWN**

| FROM | TO |
|---|---|
| RIYBO | MIVKE |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 1.00 | 3.10 | | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (54-000720) | 374550.74N/0805835.31W | 3350 | 20 | 3 | 1A | 500 | | | | PR160 AT390 | 4400 |
| TERRAIN | 374536.00N/0805736.00W | 3090 (3100) | | | | | | | | AS1000 | 4100 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**FINAL: LP**

| FROM | TO |
|---|---|
| MIVKE | RW28 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 0.30 | 5.81 | | RW28 | 816 | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (54-024553) | 374606.62N/0810258.78W | 3056 | 20 | 3 | 1A | 250 | | | | | 3320 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**FINAL: LNAV**

| FROM | TO |
|---|---|
| MIVKE | RW28 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 0.30 | 5.81 | | RW28 | 816 | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (54-024553) | 374606.62N/0810258.78W | 3056 | 20 | 3 | 1A | 250 | | | | | 3320 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**HOLD-IN-LIEU OF PT**

| FROM | TO |
|---|---|
| WIPGU | P-9 |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| | | P-9 | | | |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| TOWER (54-020223) | 374624.93N/0804219.27W | 4248 | 50 | 20 | 2C | 1000 | | | | PR150 AT902 | 6300 |
| TERRAIN | 374624.00N/0804218.00W | 3927 (3900) | | | | | | | | AS1500 | 5400 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**MISSED APPROACH: LP**

| FROM | TO |
|---|---|
| RW28 | OTUCU |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 0.30 | | | | | 3220 |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ASC | | | | 6000 |
| AAO | 375057.00N/0812239.00W | 3081 | 215 | 8 | 4B | 1000 | | | | SA-219 | 3900 |
| TERRAIN | 374809.00N/0811354.00W | 2634 (2600) | | | | | | | | AS1500 | 4100 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

**MISSED APPROACH: LNAV**

| FROM | TO |
|---|---|
| RW28 | OTUCU |

| RNP | DISTANCE | PAT | MAP | HAT | HMAS |
|---|---|---|---|---|---|
| 0.30-1.00 | | | | | 3220 |

| OBSTRUCTION | COORDINATES | ELEV MSL | HORZ | VERT | AC | ROC | OCS | CG | CGTA | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| | | | | | | | ASC | | | | 6000 |
| AAO | 375057.00N/0812239.00W | 3081 | 215 | 8 | 4B | 1000 | | | | SA-219 | 3900 |
| TERRAIN | 374809.00N/0811354.00W | 2634 (2600) | | | | | | | | AS1500 | 4100 |

**COMPUTATIONS**

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

**SEGMENT REMARKS:**

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**CIRCLING** [ ] ALL CATS [X] CAT A [X] CAT B [X] CAT C [X] CAT D [ ] CAT E [ ] NOT AUTHORIZED

| OBSTRUCTION | COORDINATES | RADIUS | HAA | ELEV MSL | HORZ | VERT | AC | ROC | OCS | ADJUSTMENTS | MIN ALT |
|---|---|---|---|---|---|---|---|---|---|---|---|
| CATEGORY A | | | | | | | | | | | |
| TREE (54-024738) | 374627.11N/0810549.54W | 1.33 | 816 | 2813 | 20 | 3 | 1A | 300 | | SI | 3320 |
| CATEGORY B | | | | | | | | | | | |
| TREE (54-022798) | 374537.91N/0810558.86W | 1.90 | 816 | 2867 | 20 | 20 | 1C | 300 | | SI | 3320 |
| CATEGORY C | | | | | | | | | | | |
| TOWER (54-001003) | 374631.15N/0810328.30W | 2.99 | 816 | 3015 | 20 | 3 | 1A | 300 | | | 3320 |
| CATEGORY D | | | | | | | | | | | |
| TOWER (54-000785) | 374310.28N/0810650.45W | 3.91 | 996 | 3184 | 50 | 20 | 2C | 300 | | | 3500 |

**CIRCLING REMARKS:**

**MSA/ESA**

**CENTER** **RADIUS**

**REMARKS:**

**NOTES/EXPLANATIONS FROM PROCEDURE SEGMENTS:**

100 FEET ASSUMED VEGETATION HEIGHT PER FPT.

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**PART B: SUPPLEMENTAL DATA**

**COMMUNICATIONS WITH**

CRW APP CON, DCA FSS

| WX SERVICE | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | SERVICE-A | ADJUSTMENTS |
|---|---|---|---|---|---|---|
| ASOS | BKW | 24 | BKW | 0 | Y | 0 |

| BACK-UP WX SERVICE | LOCATION | HRS OPERATION | ALTIMETER SOURCE | DISTANCE | SERVICE-A | ADJUSTMENTS |
|---|---|---|---|---|---|---|
| ASOS | BLF | 24 | BLF | 29.72 | Y | 118 |

**WX REMARKS:**

RASS PRESSURE PATTERNS THE SAME
KBKW 2504, KBLF 2857
RA = 117.8.

| PRIMARY NAVAID | MONITOR POINT | HRS OPERATION | CAT |
|---|---|---|---|

| APPROACH AND RUNWAY LIGHTING SYSTEM | RUNWAY MARKINGS | RUNWAY VISUAL RANGE |
|---|---|---|
| RW01 - REIL (PCL), HIRL (PCL), PAPI-4L | NPI-G | |
| RW10 - REIL (PCL), MIRL (PCL), VASI-4R (PCL) | NPI-G | |
| RW28 - REIL (PCL), MIRL (PCL), VASI-4L (PCL) | NPI-G | |
| RW19 - MALSR (PCL), HIRL (PCL), PAPI-4L | PIR-G | |

| GLIDESLOPE ANGLE | ELEV RWY THRESHOLD | TCH | ELEV GS ANTENNA | DISTANCE FROM RWY | VGSI ANGLE | TCH |
|---|---|---|---|---|---|---|
| | | | | | 3.75 | 65.6 |

**FINAL APPROACH COURSE AIMING**

| | | | |
|---|---|---|---|
| RUNWAY THRESHOLD | X | FT FROM THRESHOLD | DISPLACED THRESHOLD DISTANCE |
| ON CENTERLINE | X | FT FROM CENTERLINE | |

**CRITICAL TEMPERATURES**

| CRITICAL LOW | CRITICAL HIGH | ACT | APT ISA |
|---|---|---|---|

**CRITICAL TEMPERATURE REMARKS:**

**"VISUAL PORTION OF FINAL" PENETRATIONS**

| | |
|---|---|
| FINAL TYPE | LP AND LNAV |
| 34:1 | |
| 2721 TREE (54-047347) 374649.7400N/0810557.6400W (89.32) | 2721 TREE (54-024529) 374648.2200N/0810557.3800W (88.12) |
| 2718 TREE (54-022785) 374648.7100N/0810558.5200W (87.98) | 2714 TREE (54-024527) 374649.4700N/0810559.9700W (87.67) |
| 2709 TREE (54-024894) 374646.8700N/0810600.9600W (83.98) | 2731 TREE (54-024817) 374648.3400N/0810549.1800W (78.97) |

QUALITY 34 CHECKED

| | |
|---|---|
| 2715 TREE (54-024808) 374649.0600N/0810555.6600W (78.42) | 2721 TREE (54-024813) 374642.8200N/0810553.6700W (77.33) |
| 2694 TREE (54-024891) 374647.5100N/0810604.3900W (77.25) | 2730 TREE (54-024904) 374647.2700N/0810548.8700W (76.83) |
| 2727 TREE (54-024816) 374643.0800N/0810550.7500W (76.6) | 2722 TREE (54-024533) 374649.5400N/0810551.4500W (75.75) |
| 2716 TREE (54-024810) 374647.7300N/0810554.2700W (75.65) | 2754 POLE (54-000126) 374635.0000N/0810540.0000W (75.28) |
| 2694 TREE (54-022660) 374646.3800N/0810603.4900W (74.71) | 2727 TREE (54-024903) 374643.9400N/0810549.7800W (74.66) |
| 2730 TREE (54-025022) 374647.0400N/0810547.8800W (74.42) | 2715 TREE (54-022680) 374642.3600N/0810554.8900W (74.01) |
| 2729 TREE (54-024905) 374642.4600N/0810548.8900W (74) | 2756 TREE (54-024856) 374635.9300N/0810538.3200W (73.71) |
| 2714 TREE (54-024811) 374644.1300N/0810554.7500W (73.37) | 2716 TREE (54-024812) 374641.4800N/0810554.2000W (73.05) |
| 2720 TREE (54-024535) 374644.9100N/0810551.8700W (72.93) | 2741 TREE (54-024583) 374640.2900N/0810543.3900W (72.28) |
| 2711 TREE (54-047346) 374641.9500N/0810555.8200W (72.03) | 2683 TREE (54-024525) 374648.9700N/0810606.5200W (71.81) |
| 2705 TREE (54-024806) 374642.1900N/0810558.1800W (71.64) | 2704 TREE (54-024528) 374646.6800N/0810557.8400W (71.6) |
| 2717 TREE (54-024534) 374650.2300N/0810551.2600W (70.58) | 2751 POLE (54-021269) 374634.8100N/0810538.1700W (67.92) |
| 2713 TREE (54-024532) 374646.3200N/0810552.1500W (67.14) | 2717 TREE (54-024536) 374650.2100N/0810549.7700W (67.08) |
| 2707 TREE (54-024531) 374645.3600N/0810554.8400W (67.06) | 2719 TREE (54-024576) 374641.3500N/0810550.3200W (66.92) |
| 2724 TREE (54-024578) 374647.9300N/0810547.0500W (66.83) | 2731 TREE (54-024581) 374640.5300N/0810545.2400W (66.7) |
| 2688 TREE (54-024893) 374645.2700N/0810602.4600W (65.86) | 2674 TREE (54-025122) 374647.4400N/0810607.0600W (63.48) |
| 2720 TREE (54-025024) 374640.6400N/0810548.1200W (62.49) | 2732 TREE (54-024642) 374640.9800N/0810542.8400W (62.26) |
| 2678 TREE (54-024890) 374643.2100N/0810605.2900W (61.69) | 2696 TREE (54-024530) 374644.5800N/0810557.3100W (61.54) |
| 2724 TREE (54-047252) 374642.3700N/0810545.5100W (61.05) | 2666 TREE (54-024617) 374650.8600N/0810608.7400W (60.74) |
| 2664 TREE (54-025119) 374648.9900N/0810609.9000W (60.73) | 2677 TREE (54-024892) 374645.2000N/0810604.6000W (59.85) |
| 2658 TREE (54-025116) 374650.4400N/0810611.7800W (59.7) | 2721 TREE (54-024579) 374644.2400N/0810545.8600W (59.6) |
| 2657 TREE (54-025115) 374648.9700N/0810612.3700W (59.5) | 2720 TREE (54-025026) 374645.4800N/0810545.9000W (59.18) |
| 2664 TREE (54-025121) 374648.0800N/0810609.3000W (58.97) | 2668 TREE (54-024618) 374645.4700N/0810607.7000W (58.21) |
| 2686 TREE (54-024896) 374642.9900N/0810600.2700W (57.85) | 2684 TREE (54-024895) 374644.4600N/0810600.2000W (56.26) |
| 2654 TREE (54-025118) 374643.9000N/0810611.6000W (52.73) | 2860 TREE (54-022611) 374628.9300N/0810445.4400W (51.18) |
| 2661 TREE (54-024619) 374643.2100N/0810607.8500W (50.68) | 2669 TREE (54-024526) 374643.5300N/0810604.1200W (50.07) |
| 2865 TREE (54-024562) 374630.5500N/0810442.5100W (49.96) | 2647 TREE (54-025117) 374646.5500N/0810612.0900W (47.91) |
| 2651 TREE (54-025120) 374646.4900N/0810609.9900W (46.97) | 2638 TREE (54-025090) 374649.7800N/0810614.3700W (45.5) |
| 2700 TREE (54-024577) 374649.9600N/0810547.7800W (45.33) | 2638 TREE (54-025091) 374648.7500N/0810614.4600W (45.31) |
| 2636 TREE (54-025088) 374646.2200N/0810615.1200W (43.87) | 2640 TREE (54-047350) 374645.0300N/0810613.4900W (43.59) |
| 2631 TREE (54-025089) 374644.9800N/0810615.2800W (38.76) | 2785 TREE (54-047445) 374629.8400N/0810511.1100W (36.63) |
| 2786 TREE (54-024644) 374630.1800N/0810509.9400W (35.03) | 2597 TREE (54-024637) 374650.3000N/0810626.6200W (33.38) |
| 2696 TREE (54-024849) 374643.0000N/0810545.3400W (32.9) | 2821 TREE (54-022804) 374627.2800N/0810451.7000W (26.2) |
| 2612 TREE (54-024640) 374648.3200N/0810617.2500W (25.68) | 2751 TREE (54-022790) 374654.9400N/0810516.7300W (25.59) |
| 2694 TREE (54-024855) 374642.9000N/0810542.0400W (23.14) | 2837 TREE (54-022609) 374623.3600N/0810444.1200W (22.92) |

| | |
|---|---|
| 2609 TREE (54-025087) 374647.5300N/0810617.2400W (22.34) | 2607 TREE (54-025086) 374651.3900N/0810616.6700W (20.51) |
| 2758 TREE (54-022613) 374633.3700N/0810515.1400W (20.45) | 2604 TREE (54-025085) 374644.8300N/0810617.8400W (17.7) |
| 2802 TREE (54-022612) 374630.3000N/0810454.3300W (14.53) | 2726 TREE (54-047250) 374630.1300N/0810526.1800W (13.03) |
| 2844 TREE (54-024563) 374621.9800N/0810437.0500W (12.83) | 2734 TREE (54-024643) 374654.4100N/0810517.7100W (10.67) |
| 2568 TERRAIN (54-025081) 374645.6300N/0810627.7500W (5.21) | 2529 TREE (54-024615) 374651.5800N/0810642.8000W (3.76) |
| 2527 TREE (54-024604) 374649.8800N/0810643.8200W (3.48) | 2524 TREE (54-047448) 374648.9400N/0810645.1900W (3.32) |
| 2527 TREE (54-024973) 374650.3800N/0810643.3600W (2.6) | 2671 TREE (54-024641) 374645.2000N/0810542.5300W (2.18) |
| 2527 TREE (54-024971) 374652.2200N/0810642.3100W (0.86) | |
| **PENETRATIONS REMARKS:** | |
| | |

**HELICOPTER 'VISUAL PORTION OF FINAL' PENETRATIONS**

and/or

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

| |
|---|
| **PENETRATIONS REMARKS:** |
| |

**PART C: GENERAL REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

CONTINGENCY NOTE: WHEN LOCAL ALTIMETER SETTING NOT RECEIVED, USE BLF ALTIMETER SETTING AND INCREASE ALL MDA 120 FEET; INCREASE LP AND LNAV CAT A AND CIRCLING CAT C VISIBILITY 1/4 SM.
VDP NA WHEN USING BLF ALTIMETER SETTING.

FLIGHT INSPECTION RESULTS DO NOT WARRANT A VDA. COMPUTED PROCEDURE VDA/TCH: 3.00/50.00, REMOVED PER FLIGHT INSPECTON.

ORDER 8260.3 CHAPTER 2 APPLIED TO 3130 AAO 374636.00N/0805930.00W.
ORDER 8260.3, CHAPTER 2, NEW CIRCLING CRITERIA APPLIED.

| AIRPORT ID | PROCEDURE NAME | AMDT NO. | CITY | STATE | AIRPORT ELEVATION | FACILITY |
|---|---|---|---|---|---|---|
| BKW | RNAV (GPS) RWY 28 | 2 | BECKLEY | WV | 2504 | RNAV |

**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** | THLD | **TO 1000FT POINT** | 4.14 |
| **WIDTH OF** | FINAL | **SEGMENT AT 1000FT POINT** | 1.20 |
| **TRUE COURSE OF** | FINAL | **SEGMENT CONTAINING 1000FT POINT** | 227.59 |
| **HIGH TERRAIN IN** | FINAL | **SEGMENT CONTAINING 1000FT POINT** | 2900 |
| **DISTANCE FROM** | THLD | **TO 1500FT POINT** | 8.11 |
| **WIDTH OF** | INTERMEDIATE | **SEGMENT AT 1500FT POINT** | 4.00 |
| **TRUE COURSE OF** | INTERMEDIATE | **SEGMENT CONTAINING 1500FT POINT** | 277.63 |
| **HIGH TERRAIN IN** | INTERMEDIATE | **SEGMENT CONTAINING 1500FT POINT** | 3100 |

| | |
|---|---|
| **THRESHOLD COORDINATES (IF STR-IN)** | 374652.05N/0810655.68W |
| **ARP COORDINATES** | 374714.40N/0810727.00W |
| **RUNWAY APCH END AND DIST FURTHEST FROM ARP** | RUNWAY 19 DISTANCE 0.79 NM |
| **FAF COORDINATES** | 374606.18N/0805940.10W |
| **FIX NAME COORDINATES** | IF WIPGU 374511.38N/0805105.37W |

**REMARKS**

**PART E: PREPARED BY**

| NAME | OFFICE | DATE | TITLE |
|---|---|---|---|
| ERIC N SUSKI (ANDRE TUCKER) | AJV-A431 | 08/06/2024 | AERONAUTICAL INFORMATION SPECIALIST |

QUALITY 34 CHECKED