

RADIO FIX AND HOLDING DATA RECORD

NAME: BARRETTS MOUNTAIN VOR/DME **STATE:** NC **COUNTRY:** US **ICAO REGION CODE:** K7
LATITUDE/LONGITUDE: 355207.87N/0811425.90W **TYPE:**
AIRSPACE DOCKET: 21-ASO-7 **FIX TYPE OF ACTION:** NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|-------------------|-------|---------|-------|---------|----------|-----|------------------|------|-----|-------|
| 1 | BARRETTS MOUNTAIN | BZM | VOR/DME | H | | | | | | | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG TIME | LENGTH DME | HOLDING ALTITUDES MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|---------|-------------|-------------|---------------|----------|------------|-----------------------|-------|---------------|-----|
| 1 | NE | BZM | VOR/DME | 064.00 | 244.00 | R | 1 | | 4000 | 17500 | 4 | 16 |
| 2 | N | BZM | VOR/DME | 003.00 | 183.00 | L | 1 | | 4000 | 17500 | 4 | 16 |
| 3 | N | | WP | 003.00 | 183.00 | L | | 5 | 4100 | 17500 | 6 | 17 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | AAO | 355300.00N/0811609.00W | 2087 | 4E |
| 2 | 200 | AAO | 360154.00N/0811257.00W | 2602 | 4E |
| 3 | 200 | AAO | 360018.00N/0811842.00W | 2664 | 4E |
| 3 | 310 | AAO | 360248.00N/0810924.00W | 2842 | 4E |

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
 PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 MAG VAR W06/1990

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|---------------------------|-----|-----|---------------|---------------------------|---------|
| DP | KERMIT | | | KVUJ | ALBEMARLE | NC (US) |
| DP | ASHEVILLE | | | KAVL | ASHEVILLE | NC (US) |
| DP | KERMIT | | | KCLT | CHARLOTTE | NC (US) |
| DP | KERMIT | | | KJQF | CONCORD | NC (US) |
| DP | KERMIT | | | KAKH | GASTONIA | NC (US) |
| DP | TRIAD | | | KGSO | GREENSBORO | NC (US) |
| DP | TAKEOFF MINIMUMS | | | KHKY | HICKORY | NC (US) |
| DP | KERMIT | | | KIPJ | LINCOLNTON | NC (US) |
| DP | KERMIT | | | KEQY | MONROE | NC (US) |
| DP | KERMIT | | | KRUQ | SALISBURY | NC (US) |
| DP | TRIAD | | | KINT | WINSTON-SALEM | NC (US) |
| DP | KERMIT | | | KLKR | LANCASTER | SC (US) |
| DP | KERMIT | | | KUZA | ROCK HILL | SC (US) |
| DP | KINGS | | | KTRI | BRISTOL/JOHNSON/KINGSPORT | TN (US) |
| EN ROUTE | V133 | | | | | (US) |
| EN ROUTE | V20 | | | | | (US) |
| EN ROUTE | V259 | | | | | (US) |
| IAP | ILS OR LOC RWY 18R | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS OR LOC RWY 36C | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS OR LOC RWY 36L | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS RWY 18R (CAT II-III) | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS RWY 18R (SA CAT I) | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS RWY 36C (CAT II- III) | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS RWY 36L (CAT II-III) | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS RWY 36L (SA CAT I) | | | KCLT | CHARLOTTE | NC (US) |
| IAP | ILS OR LOC RWY 20 | | 2 | KJQF | CONCORD | NC (US) |
| IAP | ILS OR LOC RWY 24 | | 2 | KHKY | HICKORY | NC (US) |
| IAP | RNAV (GPS) RWY 6 | | 3 | KHKY | HICKORY | NC (US) |
| IAP | VOR RWY 24 | | 1 | KHKY | HICKORY | NC (US) |
| IAP | LOC RWY 28 | | | KGEV | JEFFERSON | NC (US) |
| IAP | ILS OR LOC RWY 6 | | | KEXX | LEXINGTON | NC (US) |
| IAP | ILS Z OR LOC Z RWY 23 | | | KIPJ | LINCOLNTON | NC (US) |
| IAP | RNAV (GPS) RWY 9 | | | 8A7 | MOCKSVILLE | NC (US) |
| IAP | LOC RWY 3 | | | KMRN | MORGANTON | NC (US) |
| IAP | RNAV (GPS) RWY 3 | | | KMRN | MORGANTON | NC (US) |
| IAP | ILS Y OR LOC Y RWY 1 | | | KUKF | NORTH WILKESBORO | NC (US) |
| IAP | ILS Z OR LOC Z RWY 01 | | | KUKF | NORTH WILKESBORO | NC (US) |
| IAP | ILS OR LOC RWY 20 | | | KRUQ | SALISBURY | NC (US) |
| IAP | NDB RWY 20 | | | KRUQ | SALISBURY | NC (US) |
| IAP | ILS Y OR LOC Y RWY 28 | | | KSVH | STATESVILLE | NC (US) |

| | | | | |
|------|-----------------------|------|---------------|---------|
| IAP | ILS Z OR LOC Z RWY 28 | KSVH | STATESVILLE | NC (US) |
| IAP | RNAV (GPS) RWY 10 | KSVH | STATESVILLE | NC (US) |
| IAP | ILS OR LOC RWY 33 | KINT | WINSTON-SALEM | NC (US) |
| STAR | BTSEY | KCLT | CHARLOTTE | NC (US) |
| STAR | LIINN | KCLT | CHARLOTTE | NC (US) |
| STAR | LIINN | KAKH | GASTONIA | NC (US) |
| STAR | LIINN | KIPJ | LINCOLNTON | NC (US) |
| STAR | LIINN | KEQY | MONROE | NC (US) |
| STAR | LIINN | KEHO | SHELBY | NC (US) |
| STAR | LIINN | KAFF | WADESBORO | NC (US) |
| STAR | LIINN | N52 | WAXHAW | NC (US) |
| STAR | LIINN | KDCM | CHESTER | SC (US) |
| STAR | LIINN | KLKR | LANCASTER | SC (US) |
| STAR | LIINN | KUZA | ROCK HILL | SC (US) |

REQUIRED CHARTING: DP, STAR, IAP, EN ROUTE LOW, EN ROUTE HIGH, CONTROLLER LOW, CONTROLLER HIGH

COMPULSORY REPORTING POINT: LOW

RECORD REVISION NUMBER: 21

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

CHANGED PAT 1 200 CONTROLLING OBSTACLE: AAO COORDINATES FROM "355300.60N/0811532.60W" TO "355300.00N/0811609.00W", ELEVATION FROM 2113 TO **2120** AND ACCURACY CODE FROM 6C TO **4B**

CHANGED PAT 2 LEG LENGTH TIME FROM 1-1 1/2 TO 1 IN HOLDING PATTERNS.

CHANGED PAT 3 LEG LENGTH DME FROM 4 TO 5 MIN HOLDING ALTITUDES FROM 4000 TO 4100 AND MIN TEMPLATES FROM 5 TO 6 IN HOLDING PATTERNS.

CHANGED PAT 3 200 AAO COORDINATES FROM "360200.00N/0811245.00W" TO "360018.00N/0811842.00W" AND ELEVATION FROM 2609 TO 2664 IN CONTROLLING OBSTRUCTIONS.

CHANGED PAT 3 310 AAO COORDINATES FROM "360234.30N/0810925.90W" TO "360248.00N/0810924.00W", ELEVATION FROM 2880 TO 2842 AND ACCURACY CODE FROM 6C TO 4E IN CONTROLLING OBSTRUCTIONS.

REMOVED IAP RNAV (GPS) RWY 1 FOR KHKY FROM PROCEDURES REQUIRING CLIMB-IN-HOLD.

ADDED IAP RNAV (GPS) RWY 6 FOR KHKY TO PROCEDURES REQUIRING CLIMB-IN-HOLD.

REMOVED IAP RNAV (GPS) RWY 1 AND DP HICKORY FOR KHKY FROM FIX USE.

CHANGED IAP NAME FROM VOR/DME RWY 24 TO VOR RWY 24

CHANGED COMPULSORY REPORTING POINT FROM "NO" TO "LOW".

ADDED TAKEOFF MINIMUMS AT KHKY IN FIX USE

CHANGE PAT 1 LEG LENGTH TIME FROM 1-1 1/2 TO 1 IN HOLDING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: SILVIA YOUNG

APPROVED BY:

DATE: 10/05/2023

OFFICE: AVJ-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SANFI STATE: NC COUNTRY: US ICAO REGION CODE: K7

LATITUDE/LONGITUDE: 355741.48N/0805933.44W TYPE: WP, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | MRA | MAA |
|-----|--------------------|-------|---------|-------|---------|----------|-------|------------------|------|-------|
| 1 | HICKORY | I-HKY | LOC | | 061.38 | 055.38 | | 24.12 | 3400 | 5600 |
| 2 | BARRETT'S MOUNTAIN | BZM | VOR/DME | H | 071.25 | 065.25 | 13.30 | 13.30 | 3500 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| I-HKY | LOC | R-061 | 24 | 3400 | 5600 |

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | HOLDING ALTITUDES DME | MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|------|-------------|-------------|---------------|-----------------|-----------------------|------|------|---------------|-----|
| 1 | W | | WP | 251.25 | 071.25 | R | | 4 | 3400 | 6000 | 5 | 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | AAO | 355748.00N/0810218.00W | 1989 | 4E |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|-----|-----|---------------|-------------|---------|
| EN ROUTE | T224 | | | | | (US) |
| EN ROUTE | V20 | 2 | | | | (US) |
| IAP | ILS OR LOC RWY 24 | 2 | | KHKY | HICKORY | NC (US) |
| IAP | RNAV (GPS) RWY 24 | | | KHKY | HICKORY | NC (US) |
| IAP | VOR RWY 24 | 2 | | KHKY | HICKORY | NC (US) |
| IAP | RNAV (GPS) RWY 10 | | 1 | KSVH | STATESVILLE | NC (US) |
| IAP | RNAV (GPS) RWY 28 | | 1 | KSVH | STATESVILLE | NC (US) |

REQUIRED CHARTING: SECTIONAL, IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 11/30/2023

REASON FOR REVISION:

1. FIX USE: CHANGED KHKY PROCEDURE NAME FROM VOR/DME RWY 24 TO VOR RWY 24.
2. ADDED 1989 AAO (4E) 355748.00N/0810218.00W TO HOLDING PAT 1 OBSTRUCTIONS.
3. REMOVED 2000 AAO (4E) 355756.50N/0810223.40W FROM HOLDING PAT 1 OBSTRUCTIONS.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 NAME: LORRI DOWNEY

APPROVED BY: DATE: 11/30/2023 OFFICE: AJV-A432 NAME: CASIMIR TABAKA

SIGNATURE: