

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** BOAGY

**STATE:** UT

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 401433.05N/1115107.75W

**TYPE:** WP, RADAR, DME

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

| <b>FAC</b> | <b>NAME</b> | <b>IDENT</b> | <b>TYPE</b> | <b>CLASS</b> | <b>MAG BRG</b> | <b>TRUE BRG</b> | <b>DME</b> | <b>DIST FROM</b> | <b>FAC NM</b> | <b>FEET</b> | <b>MRA</b> | <b>MAA</b> |
|------------|-------------|--------------|-------------|--------------|----------------|-----------------|------------|------------------|---------------|-------------|------------|------------|
| 1          | FAIRFIELD   | FFU          | VORTAC      | VH           | 099.53         | 115.53          | 4.50       | 4.50             |               |             | 10000      | 17500      |

**HOLDING:**

**HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

| <b>USE TYPE</b> | <b>USE TITLE</b>     | <b>FAC</b> | <b>PAT</b> | <b>AIRPORT IDENT</b> | <b>CITY</b>    | <b>STATE</b> |
|-----------------|----------------------|------------|------------|----------------------|----------------|--------------|
| SPECIAL IAP     | COPTER (RNAV) GPS 16 |            |            | UT37                 | MT. PLEASANT   | UT (US)      |
| SPECIAL IAP     | COPTER (RNAV) GPS 10 |            |            | UT51                 | PROVO          | UT (US)      |
| EN ROUTE        | ZK488 (SPECIAL)      |            |            |                      |                | (US)         |
| EN ROUTE        | ZK513 (SPECIAL)      |            |            |                      |                | (US)         |
| EN ROUTE        | ZK519 (SPECIAL)      |            |            |                      |                | (US)         |
| IAP             | LDA RWY 35           | 1          |            | KSLC                 | SALT LAKE CITY | UT (US)      |
| IAP             | RNAV (GPS) RWY 34L   |            |            | KSLC                 | SALT LAKE CITY | UT (US)      |
| IAP             | RNAV (GPS) RWY 34R   |            |            | KSLC                 | SALT LAKE CITY | UT (US)      |
| IAP             | RNAV (GPS) RWY 35    |            |            | KSLC                 | SALT LAKE CITY | UT (US)      |
| STAR            | SPANÉ                | 1          |            | KSLC                 | SALT LAKE CITY | UT (US)      |

**REQUIRED CHARTING:** STAR, IAP, SPECIAL IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 7

**DATE OF REVISION:** 05/18/2023

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM H TO VH.
2. FIX USE: CHANGED LDA/DME RWY 35 TO LDA RWY 35 IAP AT KSLC. ADDED COPTER RNAV (GPS) 16 SPECIAL IAP AT UT37 AND COPTER RNAV (GPS) 10 SPECIAL IAP AT UT51. ADDED ZK513, ZK519, AND ZK488 SPECIAL ROUTES.
3. REQUIRED CHARTING: ADDED SPECIAL IAP.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** JAMES HAUGH

**APPROVED BY:**

**DATE:** 05/18/2023

**OFFICE:** AJV-A422

**NAME:** RAKE MCGRAW

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: MEEKER VOR/DME STATE: CO COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 400402.79N/1075529.82W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

**FIX MAKE-UP FACILITIES:**

| FAC | NAME   | IDENT | TYPE    | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC |      | MRA | MAA   |
|-----|--------|-------|---------|-------|---------|----------|-----|---------------|------|-----|-------|
|     |        |       |         |       |         |          |     | NM            | FEET |     |       |
| 1   | MEEKER | EKR   | VOR/DME | VH    |         |          |     |               |      |     | 45000 |

FIX RESTRICTIONS:  
MCA V200 11300 EASTBOUND

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

**PATTERNS:**

| PAT | DIR | IDENT | TYPE    | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG TIME | LENGTH DME | HOLDING ALTITUDES | TEMPLATES |     |     |
|-----|-----|-------|---------|-------------|-------------|---------------|----------|------------|-------------------|-----------|-----|-----|
|     |     |       |         |             |             |               |          |            | MIN               | MAX       | MIN | MAX |
| 1   | W   | EKR   | VOR/DME | 270.00      | 090.00      | R             | 1        |            | 10000             | 17500     | 9   | 16  |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1   | 230      | AAO         | 395706.00N/1075333.00W | 8747      | 4E            |

**PRECIPITOUS TERRAIN ADDITIONS:**

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1   | 230   | 171      |

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: E9°/2025.

**FIX USE:**

| USE TYPE | USE TITLE         | FAC | PAT | AIRPORT IDENT | CITY                  | STATE   |
|----------|-------------------|-----|-----|---------------|-----------------------|---------|
| DP       | ASPEN             |     |     | KASE          | ASPEN                 | CO (US) |
| DP       | LINDZ             |     |     | KASE          | ASPEN                 | CO (US) |
| DP       | DENVER            |     |     | KBKF          | AURORA                | CO (US) |
| DP       | ROCKIES           |     |     | KBKF          | AURORA                | CO (US) |
| DP       | DENVER            |     |     | KAPA          | DENVER                | CO (US) |
| DP       | ROCKIES           |     |     | KAPA          | DENVER                | CO (US) |
| DP       | DENVER            |     |     | KBJC          | DENVER                | CO (US) |
| DP       | ROCKIES           |     |     | KBJC          | DENVER                | CO (US) |
| DP       | DENVER            |     |     | KCFO          | DENVER                | CO (US) |
| DP       | ROCKIES           |     |     | KCFO          | DENVER                | CO (US) |
| DP       | DENVER            |     |     | KDEN          | DENVER                | CO (US) |
| DP       | ROCKIES           |     |     | KDEN          | DENVER                | CO (US) |
| DP       | MEEKER            |     |     | KEGE          | EAGLE                 | CO (US) |
| DP       | DENVER            |     |     | KFNL          | FORT COLLINS/LOVELAND | CO (US) |
| DP       | ROCKIES           |     |     | KFNL          | FORT COLLINS/LOVELAND | CO (US) |
| DP       | GRAND JUNCTION    |     |     | KGJT          | GRAND JUNCTION        | CO (US) |
| DP       | GRAND MESA        |     |     | KGJT          | GRAND JUNCTION        | CO (US) |
| DP       | DENVER            |     |     | KGXY          | GREELEY               | CO (US) |
| DP       | ROCKIES           |     |     | KGXY          | GREELEY               | CO (US) |
| DP       | CANYON            |     |     | KPUB          | PUEBLO                | CO (US) |
| DP       | RUGGD (RNAV)      |     |     | KSLC          | SALT LAKE CITY        | UT (US) |
| EN ROUTE | J100              |     |     |               |                       | (US)    |
| EN ROUTE | J116              |     |     |               |                       | (US)    |
| EN ROUTE | J156              |     |     |               |                       | (US)    |
| EN ROUTE | J173              |     |     |               |                       | (US)    |
| EN ROUTE | J196              |     |     |               |                       | (US)    |
| EN ROUTE | J198              |     |     |               |                       | (US)    |
| EN ROUTE | J199              |     |     |               |                       | (US)    |
| EN ROUTE | J84               |     |     |               |                       | (US)    |
| EN ROUTE | V108              |     |     |               |                       | (US)    |
| EN ROUTE | V200              |     |     |               |                       | (US)    |
| EN ROUTE | V220              |     |     |               |                       | (US)    |
| EN ROUTE | V26               |     |     |               |                       | (US)    |
| IAP      | VOR RWY 25        |     |     | KCAG          | CRAIG                 | CO (US) |
| IAP      | ILS OR LOC RWY 11 |     |     | KGJT          | GRAND JUNCTION        | CO (US) |
| IAP      | VOR/DME-B         |     |     | KHDN          | HAYDEN                | CO (US) |
| IAP      | RNAV (GPS) - B    |     |     | KEEO          | MEEKER                | CO (US) |
| IAP      | RNAV (GPS) RWY 3  |     |     | KEEO          | MEEKER                | CO (US) |
| IAP      | VOR-A             |     | 1   | KEEO          | MEEKER                | CO (US) |
| IAP      | RNAV (GPS) RWY 25 |     |     | 4V0           | RANGELY               | CO (US) |
| IAP      | ILS RWY 26        |     |     | KRIL          | RIFLE                 | CO (US) |
| IAP      | LOC/DME-A         |     |     | KRIL          | RIFLE                 | CO (US) |
| STAR     | TOMSN             |     |     | KBKF          | AURORA                | CO (US) |

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** FAIRFIELD VORTAC                      **STATE:** UT                      **COUNTRY:** US                      **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 401629.62N/1115625.91W                      **TYPE:**

**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 |      | MRA | MAA   |
|-----|-----------|-------|--------|-------|---------|----------|-----|---------------|------|-----|-------|
|     |           |       |        |       |         |          |     | NM            | FEET |     |       |
| 1   | FAIRFIELD | FFU   | VORTAC | VH    |         |          |     |               |      |     | 45000 |

**FIX RESTRICTIONS:**

MCA V200 12500 EASTBOUND  
MCA V200 10700 NORTHWEST BOUND  
MCA V134 10800 EASTBOUND  
MCA V235 12500 NORTHEAST BOUND

**HOLDING:**                      **HOLDING TYPE OF ACTION:** NO CHANGE

**PATTERNS:**

| PAT | DIR | IDENT | TYPE   | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH |     | HOLDING ALTITUDES |       | TEMPLATES |     |
|-----|-----|-------|--------|-------------|-------------|---------------|------------|-----|-------------------|-------|-----------|-----|
|     |     |       |        |             |             |               | TIME       | DME | MIN               | MAX   | MIN       | MAX |
| 1   | S   | FFU   | VORTAC | 160.00      | 340.00      | R             | 1          |     | 9000              | 45000 | 9         | 29  |
| 2   | S   | FFU   | VORTAC | 188.00      | 008.00      | R             | 1          |     | 10700             | 45000 | 9         | 29  |
| 3   | S   |       | WP     | 160.00      | 340.00      | R             |            | 7   | 9000              | 14000 | 10        | 11  |
| 4   | S   |       | WP     | 163.00      | 343.00      | R             |            | 7   | 11000             | 17500 | 10        | 17  |
| 5   | S   | FFU   | VORTAC | 160.00      | 340.00      | R             | 1          |     | 9000              | 14000 | 9         | 10  |
| 6   | S   |       | WP     | 160.16      | 340.16      | R             |            | 7   | 9000              | 12000 | 10        | 10  |
| 7   | S   | FFU   | VORTAC | 160.00      | 340.00      | R             | 1          |     | 11500             | 14000 | 9         | 18  |
| 8   | S   |       | WP     | 160.00      | 340.00      | R             |            | 4   | 9100              | 10000 | 4         | 4   |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 230      | AAO               | 401656.65N/1115631.75W | 7855      | 2A            |
| 2   | 230      | AAO               | 401630.00N/1115627.00W | 7878      | 4E            |
| 2   | 310      | AAO               | 402342.00N/1113945.00W | 10286     | 4E            |
| 3   | 230      | AAO               | 401630.00N/1115627.00W | 7877      | 4E            |
| 4   | 230      | AAO               | 401656.65N/1115631.75W | 7855      | 2A            |
| 5   | 230      | AAO               | 401524.00N/1115536.00W | 7840      | 2C            |
| 6   | 230      | AAO               | 401630.00N/1115627.00W | 7878      | 4E            |
| 7   | 230      | AAO               | 401628.78N/1115625.96W | 7898      | 4E            |
| 7   | 310      | AAO               | 395627.00N/1114351.00W | 10065     | 4E            |
| 8   | 175      | TOWER (49-000246) | 401643.63N/1115603.31W | 7843      | 4D            |

**PRECIPITOUS TERRAIN ADDITIONS:**

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1   | 230   | 130      |
| 2   | 310   | 380      |
| 2   | 230   | 240      |
| 3   | 230   | 132      |
| 4   | 230   | 118      |
| 5   | 230   | 132      |
| 6   | 230   | 143      |
| 7   | 230   | 180      |
| 7   | 310   | 380      |

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

| PAT | PROCEDURE TITLE         | AIRPORT IDENT | CITY           | STATE   |
|-----|-------------------------|---------------|----------------|---------|
| 2   | TEXTUAL DEPARTURE       | U42           | SALT LAKE CITY | UT (US) |
| 7   | SPANISH FORK (OBSTACLE) | KSPK          | SPANISH FORK   | UT (US) |

**REMARKS:**

CHART PAT 1 ENRT LOW AND ENRT HIGH  
PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING WITHIN R-6412 B & D.  
HOLDING PAT 3 PRECIPITOUS ADJUSTMENT OF 117 (116.4) WAS DERIVED FROM AFS-APPROVED SOFTWARE OBTAINED FROM WFPT IN ORDER TO RETAIN THE 9000 MINIMUM PATTERN ALTITUDE.  
FFU VORTAC MAGVAR: 16E/1965.  
PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
HOLDING PAT 2 310K OBSTACLE LOCATED 12,128' INTO THE SECONDARY AREA.

**FIX USE:**

| USE TYPE    | USE TITLE            | FAC | PAT | AIRPORT IDENT | CITY         | STATE   |
|-------------|----------------------|-----|-----|---------------|--------------|---------|
| SPECIAL IAP | COPTER RNAV (GPS) 05 |     | 8   | 2UT4          | HEBER CITY   | UT (US) |
| SPECIAL IAP | COPTER RNAV (GPS) 16 |     | 8   | UT37          | MT. PLEASANT | UT (US) |
| SPECIAL IAP | COPTER RNAV (GPS) 34 |     | 8   | UT11          | MURRAY       | UT (US) |
| SPECIAL IAP | COPTER RNAV (GPS) 10 |     | 8   | UT51          | PROVO        | UT (US) |
| SPECIAL IAP | COPTER RNAV (GPS) 27 |     | 8   | 3UT6          | RIVERTON     | UT (US) |



|             |                         |   |      |                |         |
|-------------|-------------------------|---|------|----------------|---------|
| SPECIAL IAP | COPTER RNAV (GPS) 31    | 8 | 3UT6 | RIVERTON       | UT (US) |
| SPECIAL IAP | COPTER RNAV (GPS) 34    | 8 | UT08 | SALT LAKE CITY | UT (US) |
| DP          | PROVO                   | 5 | KPVU | PROVO          | UT (US) |
| DP          | FAIRFIELD               |   | KSLC | SALT LAKE CITY | UT (US) |
| DP          | SALT LAKE               | 1 | KSLC | SALT LAKE CITY | UT (US) |
| DP          | TEXTUAL DEPARTURE       |   | KSLC | SALT LAKE CITY | UT (US) |
| DP          | SOUTH VALLEY (RNAV)     | 3 | U42  | SALT LAKE CITY | UT (US) |
| DP          | TEXTUAL DEPARTURE       | 2 | U42  | SALT LAKE CITY | UT (US) |
| DP          | SPANISH FORK (OBSTACLE) | 7 | KSPK | SPANISH FORK   | UT (US) |
| EN ROUTE    | J11                     |   |      |                | (US)    |
| EN ROUTE    | J116                    |   |      |                | (US)    |
| EN ROUTE    | J12                     |   |      |                | (US)    |
| EN ROUTE    | J202                    |   |      |                | (US)    |
| EN ROUTE    | J9                      |   |      |                | (US)    |
| EN ROUTE    | V134                    |   |      |                | (US)    |
| EN ROUTE    | V200                    |   |      |                | (US)    |
| EN ROUTE    | V21                     |   |      |                | (US)    |
| EN ROUTE    | V235                    |   |      |                | (US)    |
| IAP         | RNAV (GPS) RWY 17       |   | U14  | NEPHI          | UT (US) |
| IAP         | RNAV (GPS) RWY 35       |   | U14  | NEPHI          | UT (US) |
| IAP         | ILS OR LOC RWY 13       | 5 | KPVU | PROVO          | UT (US) |
| IAP         | RNAV (GPS) RWY 13       | 3 | KPVU | PROVO          | UT (US) |
| IAP         | ILS OR LOC RWY 16L      | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS OR LOC RWY 17       | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS OR LOC RWY 34L      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS OR LOC RWY 34R      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 16L (CAT II)    | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 16L (CAT III)   | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 17 (SA CAT I)   | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 17 (SA CAT II)  | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 34L (CAT II)    |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 34L (CAT III)   |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 34L (SA CAT I)  |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 34R (CAT II)    |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 34R (CAT III)   |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | ILS RWY 34R (SA CAT I)  |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | LDA RWY 35              |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 16L      | 3 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 16R      | 3 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 17       | 3 | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 34L      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 34R      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 35       |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP         | RNAV (GPS) RWY 34       | 6 | U42  | SALT LAKE CITY | UT (US) |
| STAR        | BEARR                   |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | BRIGHAM CITY            |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | DELTA (RNAV)            |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | JAMMN                   |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | LEEHY (RNAV)            | 4 | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | NORDK (RNAV)            | 4 | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | QWENN (RNAV)            | 4 | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | SKEES (RNAV)            | 4 | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | SPANE                   |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR        | WAATS (RNAV)            | 4 | KSLC | SALT LAKE CITY | UT (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 35

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. FIX USE: REMOVED DUPLICATE ENTRY "RNAV (GPS) RWY 35" AT KSLC.
2. REQUIRED CHARTING: ADDED SECTIONAL TO REQUIRED CHARTING.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** PARNELL PRASSADA

**APPROVED BY:**

**DATE:** 05/16/2024

**OFFICE:** AJV-A431

**NAME:** ERIC N SUSKI

**SIGNATURE:**

*Digitally signed by*

**ERIC N SUSKI**

Jan 08, 2024



|      |              |      |                       |         |
|------|--------------|------|-----------------------|---------|
| STAR | TOMSN        | KAPA | DENVER                | CO (US) |
| STAR | TOMSN        | KBJC | DENVER                | CO (US) |
| STAR | TOMSN        | KCFO | DENVER                | CO (US) |
| STAR | TOMSN        | KDEN | DENVER                | CO (US) |
| STAR | TOMSN        | KFNL | FORT COLLINS/LOVELAND | CO (US) |
| STAR | TOMSN        | KGXY | GREELEY               | CO (US) |
| STAR | LEEHY (RNAV) | KSLC | SALT LAKE CITY        | UT (US) |
| STAR | SPANÉ        | KSLC | SALT LAKE CITY        | UT (US) |

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 18

**DATE OF REVISION:** 05/16/2024

**REASON FOR REVISION:**

1. FIX MAKE-UP FACILITIES: CHANGED NAVAID CLASS FROM H TO VH.
2. REQUIRED CHARTING: ADDED SECTIONAL TO REQUIRED CHARTING.
3. FIX USE: ADDED TAKE-OFF MINIMUMS AT KEEO.
4. FIX USE: REMOVED PITKN AT KASE.
5. REMARKS: UPDATED ASSIGNED FACILITY MAGVAR TO E9°/2025.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** PARNELL PRASSADA

**APPROVED BY:**

**DATE:** 05/16/2024

**OFFICE:** AJV-A431

**NAME:** ERIC N SUSKI

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** OGDEN VORTAC

**STATE:** UT

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 411326.74N/1120553.67W

**TYPE:**

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

| FAC | NAME  | IDENT | TYPE   | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC |      | MRA | MAA   |
|-----|-------|-------|--------|-------|---------|----------|-----|---------------|------|-----|-------|
|     |       |       |        |       |         |          |     | NM            | FEET |     |       |
| 1   | OGDEN | OGD   | VORTAC | VL    |         |          |     |               |      |     | 17500 |

**FIX RESTRICTIONS:**

MCA V6 10700 EASTBOUND

**HOLDING:**

**HOLDING TYPE OF ACTION:** MODIFY

**PATTERNS:**

| PAT | DIR | IDENT | TYPE   | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | DME | HOLDING ALTITUDES |       | TEMPLATES |     |
|-----|-----|-------|--------|-------------|-------------|---------------|-----------------|-----|-------------------|-------|-----------|-----|
|     |     |       |        |             |             |               |                 |     | MIN               | MAX   | MIN       | MAX |
| 1   | W   | OGD   | VORTAC | 280.54      | 100.54      | R             | 1               |     | 9000              | 17500 | 9         | 16  |
| 2   | NW  | WP    | WP     | 306.00      | 126.00      | R             |                 | 8   | 9000              | 17500 | 12        | 17  |
| 3   | NW  | OGD   | VORTAC | 310.00      | 130.00      | R             | 1               |     | 7000              | 14000 | 8         | 10  |
| 4   | NW  | OGD   | VORTAC | 302.00      | 122.00      | R             | 1               |     | 8300              | 12000 | 9         | 9   |
| 5   | NW  | WP    | WP     | 310.00      | 130.00      | R             |                 | 7   | 9000              | 14000 | 10        | 11  |

**CONTROLLING OBSTRUCTIONS:**

| PAT | AIRSPEED | OBSTRUCTION       | COORDINATES            | ELEVATION | ACCURACY CODE |
|-----|----------|-------------------|------------------------|-----------|---------------|
| 1   | 230      | AAO               | 411827.00N/1122651.00W | 7195      | 4E            |
| 2   | 265      | AAO               | 411827.00N/1122651.00W | 7195      | 4E            |
| 3   | 230      | TOWER (49-000162) | 411517.00N/1121416.00W | 5037      | 3C            |
| 3   | 310      | AAO               | 411214.73N/1115303.53W | 9640      | 2C            |
| 4   | 230      | AAO               | 411827.00N/1122651.00W | 7195      | 4E            |
| 5   | 230      | AAO               | 411827.00N/1122651.00W | 7195      | 4E            |

**PRECIPITOUS TERRAIN ADDITIONS:**

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1   | 230   | 290      |
| 2   | 265   | 370      |
| 3   | 230   | 180      |
| 3   | 310   | 380      |
| 4   | 230   | 260      |
| 5   | 230   | 310      |

**HOLDING RESTRICTIONS:**

HOLDING LIMITED TO ESTABLISHED PATTERNS.

**PROCEDURES REQUIRING CLIMB-IN-HOLD:**

| PAT | PROCEDURE TITLE  | AIRPORT IDENT | CITY         | STATE   |
|-----|------------------|---------------|--------------|---------|
| 1   | OGDEN (OBSTACLE) | KBMC          | BRIGHAM CITY | UT (US) |

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PAT 2 265K EVALUATED FOR MILITARY USE.

PAT 4 OBSTACLE LOCATED 1.83 NM INTO SECONDARY, PRIMARY EQUIVALENT 6238.41.

PAT 5 OBSTACLE LOCATED 1.67 NM INTO SECONDARY, PRIMARY EQUIVALENT 7587.

PAT 4 ATC USE.

MRA FROM OTHER FACILITIES, NAME: WASATCH, IDENT: TCH, TYPE: VORTAC, CLASS: H, MAG BRG: 330.78, TRUE BRG: 346.78, DME: 23.03,

MRA: 7000, MAA 45000 (SUBSTITUTE ROUTE).

CHART: MTA V236 NE TO V21-101 SE 12000.

ASSIGNED FACILITY MAGVAR: 14E/1990.

**FIX USE:**

| USE TYPE    | USE TITLE            | FAC | PAT | AIRPORT IDENT | CITY           | STATE   |
|-------------|----------------------|-----|-----|---------------|----------------|---------|
| SPECIAL IAP | COPTER RNAV (GPS) 05 |     |     | UT16          | OGDEN          | UT (US) |
| DP          | OGDEN (OBSTACLE)     |     | 1   | KBMC          | BRIGHAM CITY   | UT (US) |
| DP          | EMONT (OBSTACLE)     |     |     | KOGD          | OGDEN          | UT (US) |
| DP          | TAKEOFF MINIMUMS     |     |     | KSLC          | SALT LAKE CITY | UT (US) |
| EN ROUTE    | V101                 |     |     |               |                | (US)    |
| EN ROUTE    | V21                  |     |     |               |                | (US)    |
| EN ROUTE    | V236                 |     |     |               |                | (US)    |
| EN ROUTE    | V6                   |     |     |               |                | (US)    |
| EN ROUTE    | ZK489 (SPECIAL)      |     |     |               |                | (US)    |
| IAP         | RNAV (GPS) RWY 35    |     |     | KBMC          | BRIGHAM CITY   | UT (US) |
| IAP         | RNAV (GPS) RWY 35    |     |     | KLGU          | LOGAN          | UT (US) |
| IAP         | ILS OR LOC Z RWY 14  |     |     | KHIF          | OGDEN          | UT (US) |
| IAP         | ILS OR LOC RWY 3     |     |     | KOGD          | OGDEN          | UT (US) |
| IAP         | VOR-A                |     |     | KOGD          | OGDEN          | UT (US) |
| IAP         | ILS OR LOC RWY 16L   |     |     | KSLC          | SALT LAKE CITY | UT (US) |
| IAP         | ILS OR LOC RWY 16R   |     |     | KSLC          | SALT LAKE CITY | UT (US) |
| IAP         | ILS OR LOC RWY 17    |     |     | KSLC          | SALT LAKE CITY | UT (US) |

|      |                            |   |      |                |         |
|------|----------------------------|---|------|----------------|---------|
| IAP  | ILS OR LOC RWY 17 (CAT I)  |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS OR LOC RWY 17 (CAT II) |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS OR LOC RWY 34L         |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS OR LOC RWY 34R         | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 16L (CAT II)       |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 16L (CAT III)      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 16R (CAT II)       |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 16R (CAT III)      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 16R (SA CAT I)     |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 17 (SA CAT I - II) |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 34L (CAT II)       |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 34L (CAT III)      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 34L (SA CAT I)     |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 34R (CAT II)       | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 34R (CAT III)      |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS RWY 34R (SA CAT I)     | 1 | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | LDA RWY 35                 | 3 | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | RNAV (GPS) RWY 16L         |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | RNAV (GPS) RWY 34R         | 2 | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | RNAV (GPS) RWY 35          | 5 | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | RNAV(GPS) RWY 16R          |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | RNAV(GPS) RWY 17           |   | KSLC | SALT LAKE CITY | UT (US) |
| IAP  | ILS OR LOC RWY 17          |   | KTVY | TOOELE         | UT (US) |
| STAR | BEARR                      |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR | BRIGHAM CITY               |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR | DELTA (RNAV)               | 2 | KSLC | SALT LAKE CITY | UT (US) |
| STAR | JAMMN                      |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR | LEEHY (RNAV)               | 2 | KSLC | SALT LAKE CITY | UT (US) |
| STAR | NORDK (RNAV)               | 2 | KSLC | SALT LAKE CITY | UT (US) |
| STAR | SKEES (RNAV)               | 2 | KSLC | SALT LAKE CITY | UT (US) |
| STAR | SPANE                      |   | KSLC | SALT LAKE CITY | UT (US) |
| STAR | WAATS (RNAV)               | 2 | KSLC | SALT LAKE CITY | UT (US) |

**REQUIRED CHARTING:** DP, STAR, MILITARY IAP, IAP, EN ROUTE LOW, SPECIAL IAP, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 34

**DATE OF REVISION:** 11/30/2023

**REASON FOR REVISION:**

1. CONTROLLING OBSTRUCTIONS: PAT 5 CHANGED FROM "230 AAO 411909.00N/1122636.00W 6962 3E" TO "230 AAO 411827.00N/1122651.00W 7195 4E"
2. PRECIPITOUS TERRAIN ADDITIONS: PAT 5 CHANGED FROM "330" TO "310"
3. REMARKS: CHANGED FROM "PAT 5 OBSTACLE LOCATED 1.77 NM INTO SECONDARY, PRIMARY EQUIVALENT 6018.74" TO "PAT 5 OBSTACLE LOCATED 1.67 NM INTO SECONDARY, PRIMARY EQUIVALENT 7587"
4. REMARKS: REMOVED "PAT 5: IPDS DERIVED ACCURACY CODE 92/98"
5. REMARKS: ASSIGNED FACILITY MAGVAR CHANGED FROM "14 DEGREES EAST (1990)" TO "14E/1990"

**INITIATED BY:**                      **DATE:**                      **ORGANIZATION:**                      **NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**                      AJV-A432                      **NAME:** APRIL SARMENTO

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

**SIGNATURE:**