

RADIO FIX AND HOLDING DATA RECORD

NAME: BRAZO

STATE: NM

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 364915.35N/1063906.43W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|-------------|-------|---------|-------|---------|----------|-------|------------------|------|-------|-------|
| 1 | RATTLESNAKE | RSK | VORTAC | VH | 072.00 | 086.00 | 69.88 | 69.88 | | 14000 | 17500 |
| 2 | DURANGO | DRO | VOR/DME | VL | 096.34 | 110.34 | 56.41 | 56.41 | | 12300 | 17500 |
| 3 | ALAMOSA | ALS | VORTAC | VH | 219.00 | 232.00 | 51.12 | 51.12 | | 13000 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| RSK | VORTAC | R-072 | 70 | 14000 | 17500 |
| ALS | VORTAC | R-219 | 52 | 13000 | 17500 |

FIX RESTRICTIONS:

MRA V211 13000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DURANGO (FAC 2) AND ALAMOSA (FAC 3) USED TO ESTABLISH FIX COORDINATES.
RSK VORTAC AND ALS VORTAC ESV(S) ARE FOR DME ONLY, VOR SIGNALS ARE WITHIN FACILITY STANDARD SERVICE VOLUME.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|------------------|------|-----|---------------|----------------|---------|
| EN ROUTE | V211 | 2, 3 | | | | (US) |
| EN ROUTE | V368 | 1, 3 | | | | (US) |
| IAP | RNAV (GPS) RWY 1 | | | KPSO | PAGOSA SPRINGS | CO (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: ADDED FAC 1 (RSK) - COURSELINE FACILITY FOR V368. EXCHANGED FACS 2 AND 3. CHANGED NEW FAC 3 (ALS) CLASS FROM H TO VH. CHANGED NEW FAC 2 (DRO) CLASS FROM L TO VL AND ADDED DME 56.41. CHANGED FAC 2 (DRO) MRA FROM 11300 TO 12300.

FIX RESTRICTIONS: ADDED MRA V211 13000 - ALS VORTAC CROSSING RADIAL MINIMUM RECEPTION ALTITUDE.

ESV: REMOVED DRO VOR/DME ESV DATA - FIX IS WITHIN FACILITY STANDARD SERVICE VOLUME. ADDED RSK VORTAC ESV DATA - ESV IS FOR DME COMPONENT, VOR IS WITHIN FACILITY STANDARD SERVICE VOLUME.

REMARKS: ADDED "RSK VORTAC AND ALS VORTAC ESV(S) ARE FOR DME ONLY, VOR SIGNALS ARE WITHIN FACILITY STANDARD SERVICE VOLUME." ADDED DURANGO (FAC 2) TO FIX COORDINATES REMARK.

FIX USE: REMOVED FAC 1 AND ADDED FAC 3 TO V211.

REQUIRED CHARTING: ADDED CONTROLLER LOW. REMOVED EN ROUTE HIGH - ATC REQUEST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

Digitally signed by

SIGNATURE:

CASEY D HILL

Jun 03, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: MANUL

STATE: NM

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 364716.32N/1072119.46W

TYPE: INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM NM | FAC FEET | MRA | MAA |
|-----|-------------|-------|---------|-------|------------|-------------|-------|-----------------|-------------|------|-------|
| 1 | RATTLESNAKE | RSK | VORTAC | VH | 072.00 | 086.00 | 35.92 | 35.92 | | 8700 | 17500 |
| 2 | DURANGO | DRO | VOR/DME | VL | 125.00 | 139.00 | | 28.96 | | 8900 | 17500 |

FIX RESTRICTIONS:

MCA V368 14000 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

RATTLESNAKE (FAC 1) AND DURANGO (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-----------|------|-----|---------------|------|-------|
| EN ROUTE | V368 | 1, 2 | | | | (US) |

REQUIRED CHARTING: EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX RESTRICTIONS: ADDED MCA V368 14000 EASTBOUND.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

Digitally signed by

CASEY D HILL

Jun 03, 2025

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RODDS

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 371217.67N/1060245.59W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | MRA | MAA |
|-----|---------|-------|--------|-------|---------|----------|-------|------------------|-------|-------|
| 1 | ALAMOSA | I-VQR | LOC | | 202.77 | 211.77 | | 17.09 | 12000 | 12200 |
| 2 | ALAMOSA | ALS | VORTAC | VH | 219.00 | 232.00 | 14.02 | 14.02 | 10000 | 17500 |
| 3 | TAOS | TAS | VORTAC | VL | 336.39 | 349.39 | | 36.35 | 10000 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| I-VQR | LOC | BRG-203 | 18 | 12000 | 12200 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH TIME | DME | HOLDING ALTITUDES MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|-----------------|-----|-----------------------|-------|---------------|-----|
| 1 | NE | | WP | 022.65 | 202.65 | L | | 7 | 11500 | 14000 | 10 | 18 |
| 2 | SW | | WP | 211.65 | 031.65 | R | | 7 | 12200 | 14000 | 11 | 11 |
| 3 | SW | ALS | VORTAC | 219.00 | 039.00 | R | 1 | | 12200 | 14000 | 10 | 10 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 230 | AAO | 371254.00N/1054924.00W | 9203 | 4E |
| 1 | 310 | AAO | 370421.00N/1061121.00W | 10004 | 4E |
| 2 | 230 | AAO | 370048.00N/1061730.00W | 10460 | 4E |
| 3 | 230 | AAO | 370230.00N/1061909.00W | 10929 | 4E |

PRECIPITOUS TERRAIN ADDITIONS:

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1 | 230 | 80 |
| 1 | 310 | 130 |
| 2 | 230 | 200 |
| 3 | 230 | 210 |

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|-----|-------------------|---------------|---------|---------|
| 1 | RNAV (GPS) RWY 20 | KALS | ALAMOSA | CO (US) |

REMARKS:

ALAMOSA (FAC 1) AND TAOS (FAC 3) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|---------|-----|---------------|---------|---------|
| EN ROUTE | V368 | 2, 3 | | | | (US) |
| IAP | ILS OR LOC RWY 2 | 1, 2, 3 | 3 | KALS | ALAMOSA | CO (US) |
| IAP | RNAV (GPS) RWY 2 | | 2 | KALS | ALAMOSA | CO (US) |
| IAP | RNAV (GPS) RWY 20 | | 1 | KALS | ALAMOSA | CO (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (I-VQR) MRA FROM 12200 TO 12000. CHANGED FAC 2 (ALS) CLASS FROM H TO VH AND MRA FROM 12200 TO 10000 - MEA ON V368. CHANGED FAC 3 (TAS) CLASS FROM L TO VL AND MRA FROM 12200 TO 10000 - MEA ON V368.
PROCEDURES REQUIRING CLIMB-IN-HOLD: ADDED PAT 1 FOR KALS RNAV (GPS) RWY 20.
REMARKS: CHANGED ALAMOSA (FAC 2) TO ALAMOSA (FAC 1) IN FIX COORDINATES REMARK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

QUALITY
25
CHECKED

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

Digitally signed by
CASEY D HILL
Jun 03, 2025

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: TURLY

STATE: NM

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 364559.52N/1074604.22W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM FAC NM | FEET | MRA | MAA |
|-----|-------------|-------|---------|-------|---------|----------|-------|------------------|------|------|-------|
| 1 | RATTLESNAKE | RSK | VORTAC | VH | 072.01 | 086.01 | 16.00 | 16.00 | | 9000 | 9000 |
| 2 | DURANGO | DRO | VOR/DME | VL | 168.17 | 182.17 | 23.19 | 23.19 | | 9000 | 17500 |

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 MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|-----------------|-----|-----------------------|-------|---------------|-----|
| 1 | E | RSK | VORTAC | 072.01 | 252.01 | R | 1 | | 10000 | 17500 | 10 | 17 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 230 | AAO | 364300.00N/1073724.00W | 7189 | 4B |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

RATTLESNAKE (FAC 1) AND DURANGO (FAC 2) USED TO ESTABLISH FIX COORDINATES.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|------|-----|---------------|------------|---------|
| EN ROUTE | V368 | 1, 2 | 1 | | | (US) |
| IAP | RNAV (GPS) RWY 3 | | | KDRO | DURANGO | CO (US) |
| IAP | RNAV (GPS) RWY 25 | | | KFMN | FARMINGTON | NM (US) |
| IAP | VOR RWY 25 | 1 | | KFMN | FARMINGTON | NM (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (RSK) CLASS FROM H TO VH.
HOLDING: CHANGED PAT 1 RAD/CRS INBOUND FROM 072.00/252.00 TO 072.01/252.01. CHANGED PAT 1 MIN HOLDING ALTITUDE FROM 9000 TO 10000 - MEA OF V368. UPDATED CONTROLLING OBSTRUCTION COORDINATES, ELEVATION AND ACCURACY CODE.
REMARKS: ADDED FIX COORDINATES REMARK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

Digitally signed by

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

CASEY D HILL

Jun 03, 2025

SIGNATURE:

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WAPRE

STATE: CO

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 370835.58N/1060838.67W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM NM | FAC FEET | MRA | MAA |
|-----|---------|-------|--------|-------|------------|-------------|-------|-----------------|-------------|-------|-------|
| 1 | ALAMOSA | ALS | VORTAC | VH | 219.00 | 232.00 | 20.00 | 20.00 | | 13000 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|------------------|-----|-----|---------------|---------|---------|
| EN ROUTE | V368 | 1 | | | | (US) |
| IAP | ILS OR LOC RWY 2 | 1 | | KALS | ALAMOSA | CO (US) |
| IAP | RNAV (GPS) RWY 2 | | | KALS | ALAMOSA | CO (US) |

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 10/02/2025

REASON FOR REVISION:

TYPE: REMOVED INT.

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (ALS) CLASS FROM H TO VH. REMOVED FAC 2 (TAS) - FACILITY NOT USED FOR ANY PROCEDURES.

FIX RESTRICTIONS: REMOVED MRA V368 14000 - NOT DOCUMENTED ON AIRWAY, ALSO NOT REQUIRED FOR AIRWAY USAGE.

REMARKS: REMOVED FIX COORDINATES REMARK.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: BARRY SMITH

APPROVED BY:

DATE: 08/28/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

Digitally signed by

SIGNATURE:

CASEY D HILL

Jun 03, 2025

