

RADIO FIX AND HOLDING DATA RECORD

NAME: CUBUN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395018.66N/1215335.69W

TYPE: WP, 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 | CHICO | I-CIC | LOC/DME | | 311.42 | 327.42 | 3.78 | 3.77 | | 980 | 4700 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME COORDS 394708.60N/1215054.72W.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------------|-----|-----|---------------|-------|---------|
| IAP | ILS OR LOC RWY 13L | 1 | | KCIC | CHICO | CA (US) |
| IAP | RNAV (GPS) RWY 13L | | | KCIC | CHICO | CA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

FAC 1 I-CIC CHANGED FROM LOC TO LOC/DME.
UPDATED FIX USE, CHANGED KCIC ILS OR LOC/DME RWY 13L TO ILS OR LOC RWY 13L AND ADDED FAC 1 USAGE.
REMOVED FAC 2 CIC VOR/DME FROM FIX MAKE-UP.
FAC 1 I-CIC LOC/DME DISTANCE FROM FAC CHANGED FROM 3.69 TO 3.77, ADDED DME DISTANCE 3.78.
ADDED REMARK, DME COORDS 394708.60N/1215054.72W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: CIC ATCT
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: NORDE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395434.70N/1215708.31W

TYPE: WP, 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 | CHICO | I-CIC | LOC/DME | | 311.42 | 327.42 | 8.84 | 8.83 | 53682 | 2700 | 4700 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

DME COORDS 394708.60N/1215054.72W.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------------|-----|-----|---------------|-------|---------|
| IAP | ILS OR LOC RWY 13L | 1 | | KCIC | CHICO | CA (US) |
| IAP | RNAV (GPS) RWY 13L | | | KCIC | CHICO | CA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

FIX MOVED 0.15 NM NW.

FAC 1 I-CIC CHANGED FROM LOC TO LOC/DME.

UPDATED FIX USE, CHANGED KCIC ILS OR LOC/DME RWY 13L TO ILS OR LOC RWY 13L.

REMOVED FAC 2 C/C VOR/DME FROM FIX MAKE-UP AND FIX USE FOR KCIC ILS OR LOC RWY 13L.

FAC 1 I-CIC LOC/DME DISTANCE FROM FAC CHANGED FROM 8.6 TO 8.83, ADDED DME DISTANCE 8.84.

REMOVED RADAR FROM FIX TYPE.

ADDED REMARK, DME COORDS 394708.60N/1215054.72W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AVJ-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: CIC ATCT

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: RED BLUFF VORTAC **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 400556.08N/1221410.86W **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 NM | MRA FEET | MAA |
|-----|-----------|-------|--------|-------|---------|----------|-----|------------------|----------|-------|
| 1 | RED BLUFF | RBL | VORTAC | H | | | | | | 45000 |

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 | S | RBL | VORTAC | 161.00 | 341.00 | R | 1 | 2000 8000 | 4 8 |
| 2 | S | RBL | VORTAC | 161.00 | 341.00 | R | 1 | 2400 8000 | 12 14 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | AAO | 400445.00N/1221839.00W | 699 | 4E |
| 2 | 200 | AAO | 400445.00N/1221839.00W | 699 | 4E |
| 2 | 310 | AAO | 400821.00N/1220239.00W | 1391 | 4E |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|-----|-------------------|---------------|-----------|---------|
| 2 | TAKE-OFF MINIMUMS | KRBL | RED BLUFF | CA (US) |

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
MAGVAR RBL 18E.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|------------------------|-----|-----|---------------|---------------|---------|
| DP | CHICO | | | KCIC | CHICO | CA (US) |
| DP | MERLOT | | | KAPC | NAPA | CA (US) |
| DP | OZIEE (RNAV) | | | KAPC | NAPA | CA (US) |
| DP | OAKLAND | | | KOAK | OAKLAND | CA (US) |
| DP | SILENT | | | KOAK | OAKLAND | CA (US) |
| DP | TAKE-OFF MINIMUMS | | 2 | KRBL | RED BLUFF | CA (US) |
| DP | HOMAN | | | KRDD | REDDING | CA (US) |
| DP | KENDL | | | KRDD | REDDING | CA (US) |
| DP | KREST | | | KRDD | REDDING | CA (US) |
| DP | SHASTA | | 1 | KRDD | REDDING | CA (US) |
| DP | TAKEOFF MINIMUMS | | | KRDD | REDDING | CA (US) |
| DP | SAN FRANCISCO | | | KSFO | SAN FRANCISCO | CA (US) |
| DP | KINGSLEY | | | KLMT | KLAMATH FALLS | OR (US) |
| EN ROUTE | J1 | | | | | (US) |
| EN ROUTE | J126 | | | | | (US) |
| EN ROUTE | J3 | | | | | (US) |
| EN ROUTE | J65 | | | | | (US) |
| EN ROUTE | V195 | | | | | (US) |
| EN ROUTE | V199 | | | | | (US) |
| EN ROUTE | V25 | | | | | (US) |
| EN ROUTE | V332 | | | | | (US) |
| EN ROUTE | V23 | | | | | CA (US) |
| IAP | ILS OR LOC/DME RWY 13L | | | KCIC | CHICO | CA (US) |
| IAP | RNAV (GPS) RWY 13L | | | KCIC | CHICO | CA (US) |
| IAP | VOR OR GPS-A | | | KO37 | ORLAND | CA (US) |
| IAP | RNAV (GPS) RWY 15 | | | KRBL | RED BLUFF | CA (US) |
| IAP | RNAV (GPS) RWY 33 | | | KRBL | RED BLUFF | CA (US) |
| IAP | VOR RWY 33 | | 1 | KRBL | RED BLUFF | CA (US) |
| IAP | VOR/DME RWY 15 | | 1 | KRBL | RED BLUFF | CA (US) |
| IAP | ILS OR LOC RWY 34 | | | KRDD | REDDING | CA (US) |
| IAP | LOC BC RWY 16 | | | KRDD | REDDING | CA (US) |
| IAP | RNAV (GPS) RWY 34 | | | KRDD | REDDING | CA (US) |
| IAP | VOR RWY 34 | | | KRDD | REDDING | CA (US) |
| STAR | SEATO | | | KSUU | FAIRFIELD | CA (US) |
| STAR | TUDOR | | | KSMF | SACRAMENTO | CA (US) |
| STAR | STINS | | | KSFO | SAN FRANCISCO | CA (US) |
| STAR | BRINY | | | KSJC | SAN JOSE | CA (US) |

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

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 22****DATE OF REVISION: 05/21/2020****REASON FOR REVISION:**

1. DELETED GONG DP FROM FIX USE - CANCELLATION DUE TO CIC VOR MON REMOVAL.
2. DELETED UNPLANNED CONTROLLING OBSTRUCTION - NO LONGER NEEDED.
3. DELETED UNPLANNED REMARK FROM REMARKS SECTION - NO LONGER NEEDED.
4. CHANGED HOLDING RESTRICTION FROM "UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 4000" TO "HOLDING LIMITED TO ESTABLISHED PATTERNS" - STANDARD HOLDING RESTRICTION PER .19H.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

NAME: STEVEN DOUGHERTY**APPROVED BY:****DATE:****OFFICE: AJV-A420****NAME: MARLON ROBINSON****SIGNATURE:****DISTRIBUTION:****NFDC****FPO: WST****ARTCC: ZOA****ATC FACILITY: NORCAL/SFO/OAK****OTHER:**

RADIO FIX AND HOLDING DATA RECORD

NAME: UNJED

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 393739.01N/1214307.88W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

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 | SE | | WP | 131.51 | 311.51 | L | 4 | 3600 6000 | 5 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|---------|-------------|------------------------|-----------|---------------|
| 1 | 200 | AAO | 393430.00N/1213506.00W | 1086 | 4E |
| 1 | 310 | AAO | 393812.00N/1213254.00W | 1772 | 4E |

REASON FOR NONSTANDARD HOLDING:

PAT 1 MOUNTAINOUS TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|-----|--------------------|---------------|-------|---------|
| 1 | RNAV (GPS) RWY 13L | KCIC | CHICO | CA (US) |

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------------|-----|-----|---------------|-------|---------|
| IAP | RNAV (GPS) RWY 13L | | 1 | KCIC | CHICO | CA (US) |
| IAP | RNAV (GPS) RWY 31R | | | KCIC | CHICO | CA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

REMOVED DME FROM FIX TYPE.

REMOVED FAC 1 CIC VOR/DME FROM FIX MAKE-UP.

REMOVED PAT 1 CIC VOR/DME INFO.

UPDATED FIX USE, REMOVED KCIC ILS OR LOC/DME RWY 13L.

UPDATED PAT 2 (NEW PAT 1) CONTROLLING OBS FROM 1299 AAO 393424.00N/1213509.00W TO 1086 AAO 393430.00N/1213506.00W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: KCIC ATCT
OTHER: NORCAL APP/CON

RADIO FIX AND HOLDING DATA RECORD

NAME: ZOTWY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395934.87N/1220118.34W

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 | CHICO | I-CIC | LOC/DME | | 311.42 | 327.42 | 14.78 | 14.77 | 3000 | 4700 |
| 2 | RED BLUFF | RBL | VORTAC | H | 104.63 | 122.63 | 11.75 | 11.75 | 3000 | 4700 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

| PAT | DIR | IDENT | TYPE | RAD/CRS/BRG | CRS INBOUND | TURN (L OR R) | LEG LENGTH DME | HOLDING ALTITUDES MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|------|-------------|-------------|---------------|----------------|-----------------------|------|---------------|-----|
| 1 | NW | | WP | 311.32 | 131.32 | R | 4 | 3000 | 6000 | 5 | 6 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 200 | AAO | 400454.00N/1220000.00W | 1273 | 4E |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

CHICO (FAC 1) AND RED BLUFF (FAC 2) USED TO ESTABLISH FIX COORDINATES
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
I-CIC DME COORDS 394708.60N/1215054.72W.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|--------------------|------|-----|---------------|-------|---------|
| IAP | ILS OR LOC RWY 13L | 1, 2 | | KCIC | CHICO | CA (US) |
| IAP | RNAV (GPS) RWY 13L | | | KCIC | CHICO | CA (US) |
| IAP | RNAV (GPS) RWY 31R | | 1 | KCIC | CHICO | CA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 05/21/2020

REASON FOR REVISION:

FAC 1 I-CIC CHANGED FROM LOC TO LOC/DME.
REMOVED FAC 2 CIC VOR/DME FROM FIX MAKE-UP.
UPDATED FIX USE, CHANGED KCIC ILS OR LOC/DME RWY 13L TO ILS OR LOC RWY 13L AND ADDED RBL VORTAC (NOW FAC 2) FAC
USAGE, AND ADDED COORDINATED FACILITIES REMARK.
FAC 1 I-CIC LOC/DME ADDED DME DISTANCE 14.78.
ADDED REMARK, DME COORDS 394708.60N/1215054.72W.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: PHILLIP BRANDENBURG

APPROVED BY:

DATE:

OFFICE: AJV-A420

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: CIC ATCT
OTHER: NORCAL APP/CON