

RADIO FIX AND HOLDING DATA RECORD

NAME: MUSTANG VORTAC

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 393152.60N/1193921.87W

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 | MUSTANG | FMG | VORTAC | H | | | | | | 45000 |

FIX RESTRICTIONS:

MCA V6 12000 SOUTHWEST BOUND
MCA V28-113 10500 SOUTHBOUND

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 MIN | MAX | TEMPLATES MIN | MAX |
|-----|-----|-------|--------|-------------|-------------|---------------|----------|------------|-----------------------|-------|---------------|-----|
| 1 | NE | FMG | VORTAC | 041.13 | 221.13 | L | 1 | | 10000 | 17500 | 9 | 16 |
| 2 | NE | FMG | VORTAC | 041.13 | 221.13 | R | 1 | | 10000 | 17500 | 9 | 16 |
| 3 | NE | | WP | 041.13 | 221.13 | L | | 7 | 12000 | 17500 | 10 | 17 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 230 | AAO | 393909.00N/1192745.00W | 8222 | 4E |
| 1 | 310 | AAO | 394521.00N/1192739.00W | 8537 | 4E |
| 2 | 230 | AAO | 393909.00N/1192745.00W | 8222 | 4E |
| 2 | 310 | AAO | 394521.00N/1192739.00W | 8537 | 4E |
| 3 | 230 | AAO | 393909.00N/1192745.00W | 8222 | 4E |
| 3 | 310 | AAO | 394521.00N/1192739.00W | 8537 | 4E |

PRECIPITOUS TERRAIN ADDITIONS:

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1 | 310 | 370 |
| 1 | 230 | 330 |
| 2 | 230 | 340 |
| 2 | 310 | 360 |
| 3 | 310 | 370 |
| 3 | 230 | 330 |

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|-----|------------------|---------------|------|---------|
| 1 | HUNGRY | KRNO | RENO | NV (US) |
| 1 | MUSTANG | KRNO | RENO | NV (US) |
| 1 | TAKEOFF MINIMUMS | KRNO | RENO | NV (US) |
| 1 | VISTA | KRNO | RENO | NV (US) |
| 1 | VOR-D | KRNO | RENO | NV (US) |
| 1 | MYBAD (RNAV) | KRNO | RENO | NV (US) |
| 2 | TAKEOFF MINIMUMS | KRTS | RENO | NV (US) |
| 3 | KENNO (RNAV) | KRNO | RENO | NV (US) |

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
MAGVAR FMG 16E/1985.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|------------------|-----|-----|---------------|------------------|---------|
| DP | CHICO | | | KCIC | CHICO | CA (US) |
| DP | YOSEMITE | | | KFAT | FRESNO | CA (US) |
| DP | OZIEE (RNAV) | | | KAPC | NAPA | CA (US) |
| DP | SHASTA | | | KRDD | REDDING | CA (US) |
| DP | DUDES | | | KSMF | SACRAMENTO | CA (US) |
| DP | RICHY | | | KTVL | SOUTH LAKE TAHOE | CA (US) |
| DP | TAHOE (RNAV) | | | KTRK | TRUCKEE | CA (US) |
| DP | TRUCK | | | KTRK | TRUCKEE | CA (US) |
| DP | HUNGRY | | 1 | KRNO | RENO | NV (US) |
| DP | MUSTANG | | 1 | KRNO | RENO | NV (US) |
| DP | RENO | | | KRNO | RENO | NV (US) |
| DP | TAKEOFF MINIMUMS | | 1 | KRNO | RENO | NV (US) |
| DP | VISTA | | 1 | KRNO | RENO | NV (US) |
| DP | WAGGE | | | KRNO | RENO | NV (US) |

| | | | | | |
|----------|------------------------|---|------|------------------|---------|
| DP | TAKEOFF MINIMUMS | 2 | KRTS | RENO | NV (US) |
| DP | KINGSLEY | | KLMT | KLAMATH FALLS | OR (US) |
| EN ROUTE | J32 | | | | (US) |
| EN ROUTE | J5 | | | | (US) |
| EN ROUTE | J7 | | | | (US) |
| EN ROUTE | J92 | | | | (US) |
| EN ROUTE | J94 | | | | (US) |
| EN ROUTE | T274 | | | | (US) |
| EN ROUTE | T331 | | | | (US) |
| EN ROUTE | V105 | | | | (US) |
| EN ROUTE | V113 | | | | (US) |
| EN ROUTE | V165 | | | | (US) |
| EN ROUTE | V200 | | | | (US) |
| EN ROUTE | V28 | | | | (US) |
| EN ROUTE | V32 | | | | (US) |
| EN ROUTE | V392 | | | | (US) |
| EN ROUTE | V452 | | | | (US) |
| EN ROUTE | V564 | | | | (US) |
| EN ROUTE | V6 | | | | (US) |
| IAP | LDA RWY 18 | | KTVL | SOUTH LAKE TAHOE | CA (US) |
| IAP | RNAV (GPS) Y RWY 20 | | KTRK | TRUCKEE | CA (US) |
| IAP | RNAV (GPS) Z RWY 20 | | KTRK | TRUCKEE | CA (US) |
| IAP | ILS OR LOC/DME RWY 34L | | KRNO | RENO | NV (US) |
| IAP | ILS Y RWY 16R | | KRNO | RENO | NV (US) |
| IAP | LOC Y RWY 16R | | KRNO | RENO | NV (US) |
| IAP | RNAV (GPS) X RWY 16L | | KRNO | RENO | NV (US) |
| IAP | RNAV (GPS) X RWY 16R | | KRNO | RENO | NV (US) |
| IAP | RNAV (RNP) Z RWY 34L | | KRNO | RENO | NV (US) |
| IAP | RNAV (RNP) Z RWY 34R | | KRNO | RENO | NV (US) |
| IAP | TACAN-F | | KRNO | RENO | NV (US) |
| IAP | VOR-D | 1 | KRNO | RENO | NV (US) |
| IAP | ILS OR LOC RWY 32 | | KRTS | RENO | NV (US) |
| STAR | SQUAW VALLEY | | KSUU | FAIRFIELD | CA (US) |
| STAR | GOLDEN GATE | | KSFO | SAN FRANCISCO | CA (US) |
| STAR | MODESTO | | KSFO | SAN FRANCISCO | CA (US) |
| STAR | STINS | | KSFO | SAN FRANCISCO | CA (US) |
| STAR | BRINY | | KSJC | SAN JOSE | CA (US) |
| STAR | EL NIDO | | KSJC | SAN JOSE | CA (US) |
| STAR | ANAHO | | KRNO | RENO | NV (US) |
| STAR | EELZA (RNAV) | | KRNO | RENO | NV (US) |
| STAR | HARTT (RNAV) | 3 | KRNO | RENO | NV (US) |
| STAR | KENNO (RNAV) | 3 | KRNO | RENO | NV (US) |
| STAR | MYBAD (RNAV) | 1 | KRNO | RENO | NV (US) |
| STAR | RUSME (RNAV) | 3 | KRNO | RENO | NV (US) |
| STAR | RYANN | | KRNO | RENO | NV (US) |
| STAR | TARVR | | KRNO | RENO | NV (US) |
| STAR | WADOL (RNAV) | | KRNO | RENO | NV (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 37

DATE OF REVISION: 08/15/2019

REASON FOR REVISION:

UPDATE FIX USE: DELETE SHOLE DP, DELETE RNAV (GPS) RWY 11 AT KTRK, ADD RNAV (GPS) Y & Z RWY 20 AT KTRK, ADD EL NIDO STAR AT KSJC, ADD GOLDEN GATE STAR AT KSFO.
REMOVED AIRSPACE DOCKET 17-ANM-24.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: RICHARD CLARK

APPROVED BY:

DATE: 05/29/2019

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: RNO APP CON, RNO ATCT

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SEDTO

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 400728.37N/1194913.32W

TYPE: WP, DME

AIRSPACE DOCKET: 17-ANM-24

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

| FAC | NAME | IDENT | TYPE | CLASS | MAG BRG | TRUE BRG | DME | DIST FROM NM | FAC FEET | MRA | MAA |
|-----|---------|-------|--------|-------|------------|-------------|-------|-----------------|-------------|-------|-------|
| 1 | MUSTANG | FMG | VORTAC | H | 332.00 | 348.00 | 36.37 | 36.37 | | 12000 | 17500 |

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|-----|-----|---------------|---------|---------|
| EN ROUTE | T274 | | | | | (US) |
| EN ROUTE | V165 | 1 | | | | (US) |
| IAP | RNAV (GPS) RWY 27 | | | KAHC | HERLONG | CA (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/05/2019

REASON FOR REVISION:

ADDED AIRSPACE DOCKET 17-ANM-24.
ADDED T274 TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: BARRY SMITH

APPROVED BY:

DATE:

OFFICE: AJV-A422

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY:
OTHER: USAASA