

RADIO FIX AND HOLDING DATA RECORD

NAME: ALANT

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 393728.68N/1200913.91W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

FAC PAT AIRPORT IDENT CITY
KTRK KTRK TRUCKEE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/28/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FAMPU

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 392627.55N/1201711.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

FAC

PAT

AIRPORT IDENT
KTRK

CITY
TRUCKEE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

FIX MOVED 308FT SOUTHEAST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

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ROBERT G HAMILTON

Mar 07, 2019

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: KEBTE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 392907.16N/1201434.98W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:

USE TYPE

IAP

IAP

USE TITLE

RNAV (GPS) - A

RNAV (GPS) RWY 11

FAC

PAT

AIRPORT IDENT

KTRK

KTRK

CITY

TRUCKEE

TRUCKEE

STATE

CA (US)

CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/28/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: RNO APP CON

OTHER: KTRK ATCT

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: LEKYI

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 393139.27N/1202118.29W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 | NW | | WP | 314.46 | 134.46 | R | 7 | 10800 17500 | 10 18 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 230 | AAO | 392600.00N/1202151.00W | 9321 | 4E |
| 1 | 310 | AAO | 392600.00N/1202151.00W | 9321 | 4E |

PRECIPITOUS TERRAIN ADDITIONS:

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1 | 310 | 380 |
| 1 | 230 | 380 |

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|-----|-------------------|---------------|---------|---------|
| 1 | RNAV (GPS) RWY 11 | KTRK | TRUCKEE | CA (US) |
| 1 | RNAV (GPS) - A | KTRK | TRUCKEE | CA (US) |

REMARKS:

PRECIPITIOUS TERRAIN EVALUATION COMPLETE.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|-----|-----|---------------|---------|---------|
| IAP | RNAV (GPS) - A | | 1 | KTRK | TRUCKEE | CA (US) |
| IAP | RNAV (GPS) RWY 11 | | 1 | KTRK | TRUCKEE | CA (US) |

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

1. UPDATED HOLDING OUTBOUND/INBOUND COURSE FROM 314.52/134.52 TO 314.46/134.46.
2. UPDATED CONTROLLING OBSTACLE FROM 9348 AAO TO 9321 AAO.
3. ADDED 310 HOLDING FOR PATTERN 1 DUE TO CLIMB IN HOLD REQUIRED.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: RNO APP CON, RNO ATCT
OTHER: TRK ATCT

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MARDR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 391954.15N/1201004.99W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

FAC

PAT

AIRPORT IDENT
KTRK

CITY
TRUCKEE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

FIX MOVED 2.17 FT NW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: RONND

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 392943.70N/1203315.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

FAC PAT AIRPORT IDENT CITY
KTRK KTRK TRUCKEE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/28/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

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ROBERT G HAMILTON
Mar 07, 2019

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SIGNA STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 392049.57N/1203820.84W TYPE: WP, INT, 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 | WILLIAMS | ILA | VORTAC | L | 057.23 | 075.23 | 66.82 | 66.82 | 11000 | 17500 |
| 2 | SACRAMENTO | SAC | VORTAC | H | 021.00 | 038.00 | 68.99 | 68.99 | 11000 | 17500 |
| 3 | SQUAW VALLEY | SWR | VOR/DME | L | 284.26 | 300.26 | | 19.91 | 11000 | 17500 |

EXPANDED SERVICE VOLUME (ESV):

| FAC IDENT | FAC TYPE | RADIAL/BEARING | DISTANCE | MIN ALTITUDE | MAX ALTITUDE |
|-----------|----------|----------------|----------|--------------|--------------|
| ILA | VORTAC | R-057 | 67 | 11000 | 17500 |
| SAC | VORTAC | R-021 | 69 | 11000 | 14500 |

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| UPN | 265 | AAO | 392600.00N/1202151.00W | 9321 | 4E |

REMARKS:

WILLIAMS (FAC 1) AND SACRAMENTO (FAC 2) USED TO ESTABLISH FIX COORDINATES
 UNPLANNED HOLDING LIMITED TO FIX MAKE-UP FROM FAC 1 & 3, OR FAC 2 & 3, OR DME ONLY ON AIRWAY RADIALS AT OR ABOVE
 AIRWAY MEAS.
 PRECIPITOUS TERRAIN EVAL COMPLETE.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|-------------------|---------|-----|---------------|---------|---------|
| DP | TAHOE (RNAV) | | | KTRK | TRUCKEE | CA (US) |
| EN ROUTE | V200-392 | 1, 2, 3 | | | | (US) |
| IAP | RNAV (GPS) -A | | | KTRK | TRUCKEE | CA (US) |
| IAP | RNAV (GPS) RWY 11 | | | KTRK | TRUCKEE | CA (US) |
| IAP | RNAV (GPS) RWY 20 | | | KTRK | TRUCKEE | CA (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

1. UPDATED FIX USE - ADDED RNAV (GPS) RWY 20 AND RNAV (GPS)-A AT KTRK.
 2. ADDED DP, CONTROLLER LOW, AND IAP TO REQUIRED CHARTING.

INITIATED BY: DATE: ORGANIZATION: NAME:
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-5422 NAME: AUSTIN GOTCHER

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

DISTRIBUTION: NFDC
 FPO: WST
 ARTCC: ZOA
 ATC FACILITY: SAC APP CON
 OTHER: TRK ATCT



RADIO FIX AND HOLDING DATA RECORD

NAME: SUYYO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 392407.64N/1201439.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 11

FAC

PAT

AIRPORT IDENT
KTRK

CITY
TRUCKEE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

FIX MOVED 510FT SOUTHEAST.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-5422

NAME: AUSTIN GOTCHER

APPROVED BY:

DATE:

OFFICE: AJV-5422

NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by

ROBERT G HAMILTON

Mar 07, 2019

DISTRIBUTION:

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

QUALITY
25
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TRUCK STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 392615.67N/1200942.48W TYPE: WP, INT, 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 | MUSTANG | FMG | VORTAC | H | 240.73 | 256.73 | 24.15 | 24.15 | 11500 | 17500 |
| 2 | SQUAW VALLEY | SWR | VOR/DME | L | 001.99 | 017.99 | 16.22 | 16.22 | 11500 | 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 | S | SWR | VOR/DME | 001.99 | 001.99 | L | 1 | 11500 14000 | 10 11 |

CONTROLLING OBSTRUCTIONS:

| PAT | AIRSPEED | OBSTRUCTION | COORDINATES | ELEVATION | ACCURACY CODE |
|-----|----------|-------------|------------------------|-----------|---------------|
| 1 | 230 | AAO | 392210.30N/1202111.50W | 9303 | 6A |
| 1 | 310 | AAO | 392256.00N/1195609.00W | 10443 | 2C |

PRECIPITOUS TERRAIN ADDITIONS:

| PAT | SPEED | ADDITION |
|-----|-------|----------|
| 1 | 230 | 288 |
| 1 | 310 | 348 |

REASON FOR NONSTANDARD HOLDING:

PAT 1 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

| PAT | PROCEDURE TITLE | AIRPORT IDENT | CITY | STATE |
|-----|-----------------|---------------|---------|---------|
| 1 | TRUCK | KTRK | TRUCKEE | CA (US) |

REMARKS:

MUSTANG (FAC 1) AND SQUAW VALLEY (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 2 310 KT OBSTACLE IN SECONDARY AREA, PRIMARY EQUIVALENT ALTITUDE 9489 MSL.

FIX USE:

| USE TYPE | USE TITLE | FAC | PAT | AIRPORT IDENT | CITY | STATE |
|----------|----------------------|------|-----|---------------|---------|---------|
| DP | TRUCK | 1, 2 | 1 | KTRK | TRUCKEE | CA (US) |
| EN ROUTE | T331 | | | | | (US) |
| EN ROUTE | V200 | 1, 2 | | | | (US) |
| EN ROUTE | V392 | 1, 2 | | | | (US) |
| IAP | RNAV (GPS) RWY 11 | | | KTRK | TRUCKEE | CA (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 16L | | | KRNO | RENO | NV (US) |
| IAP | RNAV (RNP) Z RWY 16R | | | KRNO | RENO | NV (US) |

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 02/28/2019

REASON FOR REVISION:

1. UPDATED FIX USE. REMOVED PATTERN 1 FROM KTRK RNAV (GPS) RWY 11.
 2. UPDATED FIX USE. REMOVED RNAV (GPS) Y RWY 20 AND RNAV (GPS) Z RWY 20 AT KTRK.
 3. REMOVED HOLDING PATTERN 1 DUE TO NO LONGER BEING USED AT KTRK RNAV (GPS) RWY 11.

| | | | |
|-----------------------------------|-------|------------------|----------------------|
| INITIATED BY: | DATE: | ORGANIZATION: | NAME: |
| OFFICE OF PRIMARY RESPONSIBILITY: | | AJV-5422 | NAME: AUSTIN GOTCHER |
| APPROVED BY: | DATE: | OFFICE: AJV-5420 | NAME: JULIE MORGAN |

SIGNATURE:

Digitally signed by
ROBERT G HAMILTON
 Mar 07, 2019



DISTRIBUTION: **NFDC**
 FPO: WST
 ARTCC: ZOA
 ATC FACILITY: RNO APP CON, RNO ATCT
 OTHER: KTRK ATCT

QUALITY
25
CHECKED