

RADIO FIX AND HOLDING DATA RECORD

NAME: BIDAY STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 402212.74N/1203343.21W TYPE: WP

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
IAP	RNAV (GPS) RWY 29			KSVE	SUSANVILLE	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1 DATE OF REVISION: 01/13/2011

REASON FOR REVISION:
REMOVED KSVE R29 AS FAC 1.
UPDATED FIX USE.
REMOVED AIRSPACE DOCKET NUMBER.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 06/09/2010	OFFICE: AVN-130	NAME: ADOLFO URRUTIA (NICHOLAS JACKSON)
APPROVED BY:	DATE: 10/07/2010	OFFICE: AVN-130	NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZOA
ATC FACILITY: RNO APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: CEBAS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 401804.45N/1202807.56W

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 29

FAC

PAT

AIRPORT IDENT
KSVE

CITY
SUSANVILLE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/13/2011

REASON FOR REVISION:

REMOVED BIDAY AS FAC 1.

UPDATED FIX USE.

REMOVED AIRSPACE DOCKET NUMBER.

FIX MOVED 1.70 NM SE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/08/2010

OFFICE: AVN-130

NAME: ADOLFO URRUTIA (NICHOLAS JACKSON)

APPROVED BY:

DATE: 10/07/2010

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: RNO APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: EVUNE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 400905.29N/1201427.68W

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 29

FAC

PAT

AIRPORT IDENT
SVE

CITY
SUSANVILLE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/13/2011

REASON FOR REVISION:

REMOVED WARTI AS FAC 1.

UPDATED FIX USE.

REMOVED AIRSPACE DOCKET NUMBER.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/04/2010

OFFICE: AVN-130

NAME: ADOLFO URRUTIA (NICHOLAS JACKSON)

APPROVED BY:

DATE: 10/07/2010

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: RNO APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HALLE

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 395511.21N/1195703.90W

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	MUSTANG	FMG	VORTAC	VH	313.71	329.71	27.00	27.00	10000	17500
2	PALISADES	SWR	VOR/DME	VL	002.34	018.34		46.73	10000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SWR	VOR/DME	R-002	47	10000	17500

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	SE		WP	135.71	315.71	R		7	10000	14000	10	11
2	SE	FMG	VORTAC	133.71	313.71	R	1		14000	14000	11	11
3	SE		WP	133.71	313.71	R		8	14000	14000	11	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	400137.80N/1195830.20W	8190	6A
2	230	AAO	400137.80N/1195830.20W	8190	6A
2	310	AAO	395836.20N/1194429.80W	8924	6A
3	230	AAO	400137.80N/1195830.20W	8190	6A
3	310	AAO	395836.20N/1194429.80W	8924	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	310
2	230	312
2	310	312
3	230	312
3	310	312

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	EDGGE (RNAV)			TVL	SOUTH LAKE TAHOE	CA (US)
DP	MOWGL (RNAV)			KTRK	TRUCKEE	CA (US)
DP	PVINE (RNAV)			KRNO	RENO	NV (US)
EN ROUTE	V452					(US)
IAP	RNAV (GPS) Z RWY 26		1	O02	BECKWOURTH	CA (US)
IAP	RNAV (GPS) RWY 29			KSVE	SUSANVILLE	CA (US)
IAP	RNAV (GPS) X RWY 17L			KRNO	RENO	NV (US)
IAP	RNAV (GPS) X RWY 17R			KRNO	RENO	NV (US)
IAP	ILS OR LOC RWY 32	1, 2	3	KRTS	RENO	NV (US)
IAP	RNAV (GPS) RWY 32		3	KRTS	RENO	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. ADDED "EDGGE (RNAV)" DEPARTURE TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JACOB CLARK

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WARTI

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 401525.71N/1202433.55W

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 29

FAC

PAT

AIRPORT IDENT
KSVE

CITY
SUSANVILLE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 01/13/2011

REASON FOR REVISION:

REMOVED BIDAY AS FAC 1.

UPDATED FIX USE.

REMOVED AIRSPACE DOCKET NUMBER.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 06/04/2010

OFFICE: AVN-130

NAME: ADOLFO URRUTIA (NICHOLAS JACKSON)

APPROVED BY:

DATE: 10/07/2010

OFFICE: AVN-130

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: RNO APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: WNDEL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 402336.82N/1201858.37W

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 FAC NM	FAC FEET	MRA	MAA
1	MUSTANG	FMG	VORTAC	VH	313.71	329.71	60.00	60.00		14000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
FMG	VORTAC	R-314	60	14000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	EDGGE (RNAV)			KTVL	SOUTH LAKE TAHOE	CA (US)
DP	MOWGL (RNAV)			KTRK	TRUCKEE	CA (US)
EN ROUTE	J92	1				(US)
EN ROUTE	V452	1				(US)
IAP	RNAV (GPS) RWY 29			KSVE	SUSANVILLE	CA (US)
IAP	RNAV (GPS)-A			KSVE	SUSANVILLE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. ADDED "EDGGE (RNAV)" DP TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JACOB CLARK

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE: