

# RADIO FIX AND HOLDING DATA RECORD

NAME: CHAAN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 365015.78N/1215436.04W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
IAP

USE TITLE  
GARLK

FAC

PAT

AIRPORT IDENT  
KWVI

CITY  
WATSONVILLE

STATE  
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/13/2018

DEVELOPED BY:

DATE: 04/04/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CHAWZ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 370648.59N/1222109.58W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
DP  
EN ROUTE

USE TITLE  
GARLK  
T257

FAC

PAT

AIRPORT IDENT  
KWVI

CITY  
WATSONVILLE

STATE  
CA (US)  
(US)

REQUIRED CHARTING: DP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

REASON FOR REVISION:

ADDED DP TO REQUIRED CHARTING.  
UPDATED FIX USE.

DEVELOPED BY:

DATE: 04/03/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: DUBSS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 361817.44N/1214622.72W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
DP  
EN ROUTE  
EN ROUTE

USE TITLE  
GARLK  
T257  
T261

FAC

PAT

AIRPORT IDENT  
KWVI

CITY  
WATSONVILLE

STATE  
CA (US)  
(US)  
(US)

REQUIRED CHARTING: DP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 09/13/2018

**REASON FOR REVISION:**

ADDED DP TO REQUIRED CHARTING.  
UPDATED FIX USE.

DEVELOPED BY:

DATE: 04/03/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: GARLK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 364525.97N/1215950.24W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
GARLK

FAC

PAT

AIRPORT IDENT  
KWVI

CITY  
WATSONVILLE

STATE  
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/13/2018

DEVELOPED BY:

DATE: 04/04/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LISSY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 365313.42N/1221145.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
GARLK

FAC

PAT

AIRPORT IDENT  
KWVI

CITY  
WATSONVILLE

STATE  
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/13/2018

DEVELOPED BY:

DATE: 04/04/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 363949.81N/1213611.47W **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	SALINAS	SNS	VORTAC	H						45000

**FIX RESTRICTIONS:**

MCA V230 6000 EASTBOUND

**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	W	SNS	VORTAC	264.00	084.00	L	1		5000 17500	5 17
2	NW	SNS	VORTAC	293.00	113.00	L	1		5000 17500	5 17
3	W		WP	264.00	084.00	L		5	5000 6000	6 6
4	NE		WP	034.12	214.12	R		5	4900 6000	6 6

**CONTROLLING OBSTRUCTIONS:**

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	364109.00N/1212806.00W	3101	4E
1	310	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
2	200	AAO	364109.00N/1212806.00W	3101	4E
2	310	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
3	200	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
3	310	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D
4	200	TOWER (06-000115)	364523.00N/1213009.00W	3482	1D

**PRECIPITOUS TERRAIN ADDITIONS:**

PAT	SPEED	ADDITION
1	310	169
1	200	93
2	310	180
3	200	121
3	310	170
4	200	191

**REASON FOR NONSTANDARD HOLDING:**

PAT 1 ATC REQUEST  
PAT 2 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	ILS OR LOC RWY 10R	KMRY	MONTEREY	CA (US)
1	TAKEOFF MINIMUMS	KOAR	MARINA	CA (US)
2	LOC RWY 2	KWVI	WATSONVILLE	CA (US)
2	VOR/DME-A	KWVI	WATSONVILLE	CA (US)
2	WATSONVILLE	KWVI	WATSONVILLE	CA (US)
3	RNAV (GPS) Y RWY 28L	KMRY	MONTEREY	CA (US)
3	RNAV (GPS) RWY 10R	KMRY	MONTEREY	CA (US)

**REMARKS:**

PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
PAT 1 AND 2 - CONTROLLING OBSTACLE LOCATED 8802.35 FT INTO SECONDARY.  
PAT 3 - CONTROLLING OBSTACLE LOCATED 8627.84 FT INTO SECONDARY.  
SALINAS (SNS) VTAC ASSIGNED MAG VAR: 1965/E17.

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		1	KOAR	MARINA	CA (US)
DP	MONTEREY			KMRY	MONTEREY	CA (US)
DP	TAKEOFF MINIMUMS			KMRY	MONTEREY	CA (US)
DP	TORO			KMRY	MONTEREY	CA (US)
DP	HOOKS			KNUQ	MOUNTAIN VIEW	CA (US)
DP	SOUTHLAND			KNUQ	MOUNTAIN VIEW	CA (US)
DP	COAST			KOAK	OAKLAND	CA (US)
DP	NEUVO			KOAK	OAKLAND	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	SALINAS			KSNS	SALINAS	CA (US)
DP	TAKEOFF MINIMUMS			KSNS	SALINAS	CA (US)

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DP	OFFSHORE		KSFO	SAN FRANCISCO	CA (US)
DP	SAN JOSE		KSJC	SAN JOSE	CA (US)
DP	GARLK		KWVI	WATSONVILLE	CA (US)
DP	WATSONVILLE	2	KWVI	WATSONVILLE	CA (US)
EN ROUTE	J110				(US)
EN ROUTE	J126				(US)
EN ROUTE	J6				(US)
EN ROUTE	J88				(US)
EN ROUTE	T259				(US)
EN ROUTE	T261				(US)
EN ROUTE	V111				(US)
EN ROUTE	V137				(US)
EN ROUTE	V230				(US)
EN ROUTE	V248				(US)
EN ROUTE	V25				(US)
EN ROUTE	V87				(US)
IAP	HI-LOC/DME RWY 11L		KFAT	FRESNO	CA (US)
IAP	VOR RWY 11		KOAR	MARINA	CA (US)
IAP	VOR/DME RWY 29		KOAR	MARINA	CA (US)
IAP	ILS OR LOC RWY 10R	1	KMRY	MONTEREY	CA (US)
IAP	LOC RWY 28L	1	KMRY	MONTEREY	CA (US)
IAP	RNAV (GPS) RWY 10R	3	KMRY	MONTEREY	CA (US)
IAP	RNAV (GPS) Y RWY 28L	3	KMRY	MONTEREY	CA (US)
IAP	RNAV (RNP) Z RWY 28L	4	KMRY	MONTEREY	CA (US)
IAP	ILS OR LOC RWY 31		KSNS	SALINAS	CA (US)
IAP	VOR RWY 13		KSNS	SALINAS	CA (US)
IAP	RNAV (GPS) RWY 32		KE16	SAN MARTIN	CA (US)
IAP	LOC RWY 2	2	KWVI	WATSONVILLE	CA (US)
IAP	RNAV (GPS) RWY 02		KWVI	WATSONVILLE	CA (US)
IAP	VOR/DME-A	2	KWVI	WATSONVILLE	CA (US)
STAR	BIG SUR		KSFO	SAN FRANCISCO	CA (US)
STAR	CAPITOL		KSJC	SAN JOSE	CA (US)
STAR	EL NIDO		KSJC	SAN JOSE	CA (US)
STAR	ROBIE		KSJC	SAN JOSE	CA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 24

**DATE OF REVISION:** 09/13/2018

**REASON FOR REVISION:**  
UPDATED FIX USE.

**DEVELOPED BY:**      **DATE:** 04/04/2018

**OFFICE:** AJV-5421

**NAME:** RUSSELL ROSLEWSKI

**APPROVED BY:**      **DATE:**

**OFFICE:** AJV-5420

**NAME:** JULIE MORGAN

**SIGNATURE:**

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

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SAPID

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 371128.73N/1221047.00W

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 NM	FAC FEET	MRA	MAA
1	WOODSIDE	OSI	VOR/DME	L	141.00	158.00	13.00	13.00		5100	17500
2	SAN JOSE	SJC	VOR/DME	L	209.75	225.75		15.73		5100	17500

HOLDING:

HOLDING TYPE OF ACTION: CANCEL

## REMARKS:

WOODSIDE (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GARLK			KWVI	WATSONVILLE	CA (US)
EN ROUTE	T259					(US)
EN ROUTE	V25	1, 2				(US)
EN ROUTE	V87	1, 2				(US)
IAP	RNAV (GPS) Z RWY 30			KHAF	HALF MOON BAY	CA (US)
IAP	GPS RWY 31			KPAO	PALO ALTO	CA (US)
IAP	RNAV (GPS) Y RWY 30			KSQL	SAN CARLOS	CA (US)
IAP	RNAV (GPS) Z RWY 30			KSQL	SAN CARLOS	CA (US)

REQUIRED CHARTING: DP, IAP, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 09/13/2018

## REASON FOR REVISION:

REMOVED PAT 1 AND ASSOCIATED REMARKS AT ATC REQUEST - NO LONGER USED.

REMOVED FAC 2 FROM "USED TO ESTABLISH FIX COORDINATES" - FIX IS BASED OFF FAC 1 BEARING AND DME.

UPDATED FIX USE.

ADDED DP TO REQUIRED CHARTING - FIX ON GARLK SID.

DEVELOPED BY:

DATE: 04/17/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY:

DATE:

OFFICE: AJV-5421

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER:

QUALITY  
3  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: WIFII

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 363711.39N/1214806.77W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DP

USE TITLE  
GARLK

FAC

PAT

AIRPORT IDENT  
KWVI

CITY  
WATSONVILLE

STATE  
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 09/13/2018

DEVELOPED BY: DATE: 04/04/2018

OFFICE: AJV-5421

NAME: RUSSELL ROSLEWSKI

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

QUALITY  
3  
CHECKED