

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** FOXOV

**STATE:** CA

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 365056.76N/1215131.34W

**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 02

**FAC**

**PAT**

**AIRPORT IDENT**  
KWVI

**CITY**  
WATSONVILLE

**STATE**  
CA (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2

**DATE OF REVISION:** 01/30/2020

**REASON FOR REVISION:**

NEW PFAF LOCATION BASED OFF TARGETS CALCULATION. MOVED 2 FT SOUTH.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** SHANE FOWLER

**APPROVED BY:**

**DATE:** 11/01/2019

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZOA  
**ATC FACILITY:** NORCAL TRACON  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** IFAFY

**STATE:** CA

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 364451.29N/1215618.14W

**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 02

**FAC**

**PAT**

**AIRPORT IDENT**  
KWVI

**CITY**  
WATSONVILLE

**STATE**  
CA (US)

**REQUIRED CHARTING:** IAP, CONTROLLER

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 03/07/2013

**REASON FOR REVISION:**

MOVED FIX 1.16 NM SOUTHWEST PER FPT CHECKLIST. FIX NAME RETAINED PER FPT CHECKLIST.  
ADDED CONTROLLER TO REQUIRED CHARTING PER ATC POINT OF CONTACT.  
UPDATED FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 08/02/2012

**OFFICE:** AJV-354

**NAME:** ANDREW FIELDS

**APPROVED BY:**

**DATE:** 11/15/2012

**OFFICE:** AJV-354

**NAME:** DEZ SILAGYI

**SIGNATURE:**

**DISTRIBUTION:**

**NFDC**  
**FPO:** WST  
**ARTCC:** ZOA  
**ATC FACILITY:** NORCAL TRACON  
**OTHER:**

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** LEPWU **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 364827.36N/1220324.76W **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 02			KWVI	WATSONVILLE	CA (US)

**REQUIRED CHARTING:** IAP, CONTROLLER

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 03/07/2013

**REASON FOR REVISION:**  
MOVED FIX 2.10 NM WEST PER FPT CHECKLIST. FIX NAME RETAINED PER FPT CHECKLIST.  
ADDED CONTROLLER TO REQUIRED CHARTING PER ATC POINT OF CONTACT.  
UPDATED FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 08/02/2012	OFFICE: AJV-354	NAME: ANDREW FIELDS
APPROVED BY:	DATE: 11/15/2012	OFFICE: AJV-354	NAME: DEZ SILAGYI

**SIGNATURE:**

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

# 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 FEET	MRA	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 LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	SNS	VORTAC	264.00	084.00	L	1	5000 17500	5 16
2	NW	SNS	VORTAC	293.00	113.00	L	1	5000 17500	5 16
3	W		WP	264.00	084.00	L		5000 6000	6 6
4	NE		WP	034.12	214.12	R		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	200	93
1	310	169
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	TAKEOFF MINIMUMS	KOAR	MARINA	CA (US)
1	TAKEOFF MINIMUMS	KMRY	MONTEREY	CA (US)
1	ILS OR LOC RWY 10R	KMRY	MONTEREY	CA (US)
2	VOR-A	KWVI	WATSONVILLE	CA (US)
2	LOC RWY 2	KWVI	WATSONVILLE	CA (US)
2	WATSONVILLE (OBSTACLE)	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		1	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	BASEC			KSNS	SALINAS	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)

DP	SALINAS		KSNS	SALINAS	CA (US)
DP	TAKEOFF MINIMUMS		KSNS	SALINAS	CA (US)
DP	OFFSHORE		KSFO	SAN FRANCISCO	CA (US)
DP	SAN JOSE		KSJC	SAN JOSE	CA (US)
DP	TAKEOFF MINIMUMS		E16	SAN MARTIN	CA (US)
DP	GARLK		KWVI	WATSONVILLE	CA (US)
DP	WATSONVILLE (OBSTACLE)	2	KWVI	WATSONVILLE	CA (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 Z RWY 11L		KFAT	FRESNO	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 RWY 31		KSNS	SALINAS	CA (US)
IAP	LOC RWY 31		KSNS	SALINAS	CA (US)
IAP	VOR RWY 13		KSNS	SALINAS	CA (US)
IAP	ILS OR LOC RWY 12R		KSJC	SAN JOSE	CA (US)
IAP	RNAV (GPS) RWY 32		E16	SAN MARTIN	CA (US)
IAP	LOC RWY 2	2	KWVI	WATSONVILLE	CA (US)
IAP	RNAV (GPS) RWY 2		KWVI	WATSONVILLE	CA (US)
IAP	VOR-A	2	KWVI	WATSONVILLE	CA (US)
STAR	BIG SUR		KSFO	SAN FRANCISCO	CA (US)
STAR	ROBIE		KSJC	SAN JOSE	CA (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:** 29

**DATE OF REVISION:** 05/19/2022

**REASON FOR REVISION:**

ADDED BASEC DP AT KSNS TO FIX USE.

THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 9/01/2021.

1. LOC/DME RWY 31 AT KSNS CHANGED TO LOC RWY 31 IN FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A422

**NAME:** STEVEN WINNER

**APPROVED BY:**

**DATE:** 01/27/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

# RADIO FIX AND HOLDING DATA RECORD

NAME: SANTY STATE: CA COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 365845.26N/1220423.07W TYPE: WP, INT, DME

AIRSPACE DOCKET: 16-AWP-01 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	SALINAS	SNS	VORTAC	H	293.00	310.00	29.49	29.49	4000	17500
2	SAN JOSE	SJC	VOR/DME	L	178.60	194.60		24.49	5000	17500
3	WOODSIDE	OSI	VOR/DME	L	140.98	157.98	26.70	26.70	5100	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	W		WP	274.70	094.70	R	7	7000 17500	9 17

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	370418.00N/1220742.00W	2281	4E
1	310	AAO	373600.00N/1220824.00W	2845	4E

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	110
1	310	120

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 31	KCVH	HOLLISTER	CA (US)

## REMARKS:

SALINAS (FAC 1) AND WOODSIDE (FAC 3) USED TO ESTABLISH FIX COORDINATES.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	T259					(US)
EN ROUTE	V25	1, 2, 3				(US)
EN ROUTE	V87	1, 2, 3				CA (US)
IAP	RNAV (GPS) RWY 31		1	KCVH	HOLLISTER	CA (US)
IAP	VOR RWY 13			KSNS	SALINAS	CA (US)
IAP	LOC RWY 2	1		KWVI	WATSONVILLE	CA (US)
IAP	RNAV (GPS) RWY 02			KWVI	WATSONVILLE	CA (US)

REQUIRED CHARTING: IAP, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11 DATE OF REVISION: 09/10/2020

## REASON FOR REVISION:

UPDATED CONTROLLING OBSTRUCTIONS.  
 ADDED PRECIPITOUS TERRAIN ADJUSTMENTS.

INITIATED BY: DATE: ORGANIZATION: NAME:  
 OFFICE OF PRIMARY RESPONSIBILITY: AJV-A43 NAME: CHRISTOPHER SCHONES  
 APPROVED BY: DATE: OFFICE: AJV-A43 NAME: PATRICK MULQUEEN

SIGNATURE:

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