

# RADIO FIX AND HOLDING DATA RECORD

NAME: HIPIS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372525.81N/1220234.58W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	SAN JOSE	SJC	VOR/DME	L	286.10	302.10	5.54	5.54	33688	1700	3000

## FIX USE:

USE TYPE  
IAP

USE TITLE  
VOR RWY 31

FAC PAT  
1

AIRPORT IDENT  
KPAO

CITY  
PALO ALTO

STATE  
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 10/10/2019

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-A430

NAME: GEORGE DAVIS

SIGNATURE:

*Digitally signed by*

**DONALD H LANIER**

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZOA

ATC FACILITY: NORCAL APP CON

OTHER: PAO ATCT

Jun 23, 2020

QUALITY  
12  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SAN JOSE VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372228.96N/1215640.81W

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	SAN JOSE	SJC	VOR/DME	L						17500

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	E	SJC	VOR/DME	106.00	286.00	L	1		3000	14000	4	10
2	E		WP	106.00	286.00	L		4	3000	14000	5	11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	372033.00N/1214430.00W	2494	4E
2	200	AAO	372021.00N/1214418.00W	2536	4E

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	230
2	200	230

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AIR TRAFFIC  
PAT 2 AIR TRAFFIC

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAG VAR 16E.

PAT 1 OBS 2494 AAO LOCATED 8422 FT INTO SECONDARY. PRIMARY EQUIVALENT: 1509 FT  
PAT 2 OBS 2536 AAO LOCATED 8977 FT INTO SECONDARY. PRIMARY EQUIVALENT: 1667 FT

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKE OFF MINIMUMS			KCVH	HOLLISTER	CA (US)
DP	MONTEREY			KMRY	MONTEREY	CA (US)
DP	TORO			KMRY	MONTEREY	CA (US)
DP	NUEVO			KOAK	OAKLAND	CA (US)
DP	TAKE OFF MINIMUMS			KPAO	PALO ALTO	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	SALINAS			KSNS	SALINAS	CA (US)
DP	TAKE OFF MINIMUMS			KSQL	SAN CARLOS	CA (US)
DP	LOUPE			KSJC	SAN JOSE	CA (US)
DP	SAN JOSE			KSJC	SAN JOSE	CA (US)
DP	SUNOL			KSJC	SAN JOSE	CA (US)
DP	TAKE OFF MINIMUMS			KE16	SAN MARTIN	CA (US)
EN ROUTE	T259					(US)
EN ROUTE	V334					(US)
IAP	LOC/DME RWY 28L			KHWD	HAYWARD	CA (US)
IAP	RNAV (GPS) RWY 28L			KHWD	HAYWARD	CA (US)
IAP	ILS OR LOC RWY 12		1	KOAK	OAKLAND	CA (US)
IAP	ILS RWY 12 (SA CAT I)		1	KOAK	OAKLAND	CA (US)
IAP	VOR RWY 10R			KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) RWY 31		2	KPAO	PALO ALTO	CA (US)
IAP	ILS OR LOC RWY 19L		1	KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 28L		1	KSFO	SAN FRANCISCO	CA (US)
IAP	ILS PRM RWY 28L		1	KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28L (SA CAT II)		1	KSFO	SAN FRANCISCO	CA (US)
IAP	FAIRGROUNDS VISUAL RWYS 30L/R			KSJC	SAN JOSE	CA (US)
IAP	ILS OR LOC RWY 12R			KSJC	SAN JOSE	CA (US)
IAP	ILS OR LOC RWY 30L			KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT I AND II)			KSJC	SAN JOSE	CA (US)
STAR	PANOCHÉ			KHWD	HAYWARD	CA (US)
STAR	PANOCHÉ			KOAK	OAKLAND	CA (US)
STAR	ROBIE			KSJC	SAN JOSE	CA (US)

QUALITY  
12  
CHECKED

**REQUIRED CHARTING:** DP, STAR, IAP, AREA, EN ROUTE LOW, CONTROLLER LOW

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 23

**DATE OF REVISION:** 08/13/2020

**REASON FOR REVISION:**

1. REMOVED VOR RWY 31, KPAO, FROM FIX USE.
2. REMOVED VOR/DME-A, KHWD, FROM FIX USE.
3. REMOVED GOLDEN GATE STAR, KSFO, FROM FIX USE.
4. REMOVED CAPITOL STAR, KSJC, FROM FIX USE.
5. REMOVED EL NIDO STAR, KSJC, FROM FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A431

**NAME:** CHRISTOPHER SCHONES

**APPROVED BY:**

**DATE:**

**OFFICE:** AJV-A430

**NAME:** GEORGE DAVIS

**SIGNATURE:**

*Digitally signed by*

**DONALD H LANIER**

**DISTRIBUTION:**

**NFDC**

**FPO:** WST

**ARTCC:** ZOA

**ATC FACILITY:** NORCAL APP CON

**OTHER:** SJC ATCT, SFO ATCT

Jun 23, 2020

QUALITY  
12  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: WOODSIDE VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 372333.00N/1221652.69W

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	WOODSIDE	OSI	VOR/DME	L						17500

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NE	OSI	VOR/DME	047.00	227.00	R	4	3800 3800	4 4

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	372439.00N/1221830.00W	2615	5E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	112

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 17E (1975).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HALF MOON BAY (OBSTACLE)			KHAF	HALF MOON BAY	CA (US)
DP	MONTEREY			KMRY	MONTEREY	CA (US)
DP	TORO			KMRY	MONTEREY	CA (US)
DP	WOODSIDE			KNUQ	MOUNTAIN VIEW	CA (US)
DP	OAKLAND			KOAK	OAKLAND	CA (US)
DP	QUAKE			KOAK	OAKLAND	CA (US)
DP	SKYLINE			KOAK	OAKLAND	CA (US)
DP	CHALONE			KSNS	SALINAS	CA (US)
DP	SALINAS			KSNS	SALINAS	CA (US)
DP	GAP			KSFO	SAN FRANCISCO	CA (US)
EN ROUTE	V25					(US)
EN ROUTE	V87					(US)
IAP	LOC/DME RWY 28L			KHWD	HAYWARD	CA (US)
IAP	ILS OR LOC RWY 12			KOAK	OAKLAND	CA (US)
IAP	ILS RWY 12 (SA CAT I)			KOAK	OAKLAND	CA (US)
IAP	RNAV (GPS) Y RWY 30			KSQL	SAN CARLOS	CA (US)
IAP	RNAV (GPS) Z RWY 30			KSQL	SAN CARLOS	CA (US)
IAP	ILS OR LOC RWY 19L			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 28R			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28R (CAT II & III)			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS RWY 28R (SA CAT I)			KSFO	SAN FRANCISCO	CA (US)
IAP	QUIET BRIDGE VISUAL RWYS 28L/R			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 12R			KSJC	SAN JOSE	CA (US)
IAP	ILS OR LOC RWY 30L			KSJC	SAN JOSE	CA (US)
IAP	ILS RWY 30L (SA CAT I & II)			KSJC	SAN JOSE	CA (US)
SPECIAL IAP	COPTER RNAV (GPS) 17		1	K15CA	PALO ALTO	CA (US)
STAR	POINT REYES			KNUQ	MOUNTAIN VIEW	CA (US)
STAR	POINT REYES			KPAO	PALO ALTO	CA (US)
STAR	POINT REYES			KSQL	SAN CARLOS	CA (US)
STAR	BIG SUR			KSFO	SAN FRANCISCO	CA (US)
STAR	MODESTO			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KRHV	SAN JOSE	CA (US)
STAR	BRINY			KSJC	SAN JOSE	CA (US)
STAR	POINT REYES			KSJC	SAN JOSE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 08/13/2020

QUALITY  
12  
CHECKED

**REASON FOR REVISION:**

1. REMOVED VOR RWY 31, KPAO, FROM FIX USE.
2. REMOVED UNPLANNED HOLDING AND ASSOCIATED DATA.
3. ADDED HOLDING LIMITED TO ESTABLISHED PATTERN TO HOLDING RESTRICTIONS.
4. ADDED DP QUAKE AT KOAK TO FIX USE.
5. REMOVED TIPP TOE VISUAL RWY 28L, KHAF, FROM FIX USE.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>OFFICE OF PRIMARY RESPONSIBILITY:</b>		AJV-A431	<b>NAME:</b> CHRISTOPHER SCHONES
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-A430	<b>NAME:</b> GEORGE DAVIS
	<b>SIGNATURE:</b>	<i>Digitally signed by</i> <b>DONALD H LANIER</b>	
<b>DISTRIBUTION:</b>	NFDC FPO: WST ARTCC: ZOA ATC FACILITY: NORCAL APP CON OTHER:		
		Jun 23, 2020	

QUALITY  
12  
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