

# RADIO FIX AND HOLDING DATA RECORD

NAME: BURDE STATE: CA COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 380619.44N/1223535.03W TYPE: 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	SANTA ROSA	I-STS	LOC		141.19	157.19		26.98	3000	10000
2	SCAGGS ISLAND	SGD	VORTAC	L	230.00	247.00	11.31	11.31	3000	17500
3	SAUSALITO	SAU	VOR/DME	L	330.47	347.47	15.35	15.35	3000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
I-STS	LOC	R-141	27	3000	10000

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	SE	SAU	VOR/DME	330.47	330.47	R	1		5000	14000	6	11
2	NE	SGD	VORTAC	230.00	230.00	R	1		3200	14000	5	11

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	375545.00N/1223436.00W	2760	4E
2	200	AAO	380336.00N/1223621.00W	2087	4E
2	310	AAO	381824.00N/1223345.00W	2155	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	ILS OR LOC Z RWY 1L	KAPC	NAPA	CA (US)

## REMARKS:

SANTA ROSA (FAC 1) AND SCAGGS ISLAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.  
 HOLDING PATTERNS PER ATC REQUEST.  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 1L	2, 3	2	KAPC	NAPA	CA (US)
IAP	VOR RWY 6	2, 3		KAPC	NAPA	CA (US)
IAP	ILS OR LOC RWY 32	1, 2, 3		KSTS	SANTA ROSA	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15 DATE OF REVISION: 01/27/2022

## REASON FOR REVISION:

1. REMOVED PROCEDURES REQUIRING CLIMB-IN-HOLD: VOR RWY 6 AND ASSOCIATED DATA.
2. UPDATED FIX USE FROM "ILS OR LOC RWY 1L" TO "ILS OR LOC Z RWY 1L".
3. REMOVED PAT 2 FROM VOR RWY 6 KAPC FIX USE.
4. ADDED FAC 1,2,3 TO ILS OR LOC RWY 32 FIX USE.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A423	NAME: ZACHARY KRUEGER
APPROVED BY:	DATE: 01/27/2022	OFFICE: AJV-A420	NAME: ALLAN WILL
<i>Digitally signed by</i> SIGNATURE: <b>ALLAN WILL</b> Jan 14, 2022			



# RADIO FIX AND HOLDING DATA RECORD

NAME: SCAGGS ISLAND VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 381045.70N/1222223.35W 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	SCAGGS ISLAND	SGD	VORTAC	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	N	SGD	VORTAC	347.00	167.00	L	1		4000 10000	4 9
2	E	SGD	VORTAC	095.93	275.93	L	1		3000 10000	4 9
3	N		WP	360.00	180.00	R		4	3000 6000	5 14

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	381930.00N/1222321.00W	1500	4E
2	200	AAO	380903.00N/1221127.00W	1313	4E
3	200	AAO	381957.00N/1222445.00W	1861	4E
3	310	AAO	382724.00N/1223033.00W	2901	4E

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST  
 PAT 2 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

## PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	RNAV (GPS) RWY 13	KDVO	NOVATO	CA (US)

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 ASSIGNED FACILITY MAGVAR: 17E (1980).

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BUCHANAN			KCCR	CONCORD	CA (US)
DP	LIZRD			KAPC	NAPA	CA (US)
DP	MERLOT		1	KAPC	NAPA	CA (US)
DP	NAPAA			KAPC	NAPA	CA (US)
DP	TAKEOFF MINIMUMS			KAPC	NAPA	CA (US)
DP	TAKEOFF MINIMUMS			KDVO	NOVATO	CA (US)
DP	NIMITZ			KOAK	OAKLAND	CA (US)
DP	OAKLAND			KOAK	OAKLAND	CA (US)
DP	SALAD			KOAK	OAKLAND	CA (US)
DP	SILENT			KOAK	OAKLAND	CA (US)
DP	TAKEOFF MINIMUMS			O69	PETALUMA	CA (US)
DP	GAP			KSFO	SAN FRANCISCO	CA (US)
DP	CHARLIE			KSTS	SANTA ROSA	CA (US)
EN ROUTE	T263					(US)
EN ROUTE	V108					(US)
EN ROUTE	V87					CA (US)
IAP	LDA RWY 19R			KCCR	CONCORD	CA (US)
IAP	VOR RWY 19R			KCCR	CONCORD	CA (US)
IAP	ILS OR LOC RWY 21L			KSUU	FAIRFIELD	CA (US)
IAP	ILS OR LOC RWY 3L			KSUU	FAIRFIELD	CA (US)
IAP	ILS OR LOC Z RWY 1L			KAPC	NAPA	CA (US)
IAP	VOR RWY 6			KAPC	NAPA	CA (US)
IAP	RNAV (GPS) RWY 13		3	KDVO	NOVATO	CA (US)
IAP	ILS OR LOC/DME RWY 28R			KOAK	OAKLAND	CA (US)
IAP	VOR RWY 29		2	O69	PETALUMA	CA (US)
IAP	ILS OR LOC RWY 19L			KSFO	SAN FRANCISCO	CA (US)
IAP	ILS OR LOC RWY 32			KSTS	SANTA ROSA	CA (US)
IAP	RNAV (GPS) RWY 32			KSTS	SANTA ROSA	CA (US)
STAR	SEATO			KSUU	FAIRFIELD	CA (US)
STAR	SQUAW VALLEY			KSUU	FAIRFIELD	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	MODESTO			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KSFO	SAN FRANCISCO	CA (US)
STAR	POINT REYES			KRHV	SAN JOSE	CA (US)
STAR	POINT REYES			KSJC	SAN JOSE	CA (US)

QUALITY  
26  
CHECKED

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 36

**DATE OF REVISION:** 01/27/2022

**REASON FOR REVISION:**

1. ADDED DP TAKEOFF MINIMUMS KAPC TO FIX USE.
2. REMOVED /DME FROM IAP ILS OR LOC/DME RWY 32 KSTS IN FIX USE.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A423

**NAME:** ZACHARY KRUEGER

**APPROVED BY:**

**DATE:** 01/27/2022

**OFFICE:** AJV-A420

**NAME:** MARLON ROBINSON

**SIGNATURE:**

*Digitally signed by*

**ALLAN WILL**

Jan 14, 2022

QUALITY  
26  
CHECKED