

# RADIO FIX AND HOLDING DATA RECORD

NAME: KIRCK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 382207.32N/1202622.18W

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	MANTECA	ECA	VORTAC	H	030.00	047.00	47.22			18000	45000
2	MUSTANG	FMG	VORTAC	H	192.00	208.00	78.75			19000	45000

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	J94					

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 01/22/2004

## REASON FOR REVISION:

REASON FOR REVISION: TO RELOCATE J-94 CLEAR OF ECA VORTAC RESTRICTED AREAS  
POPULATING IFP FIX, USED ORIG PAPERCOPY DATED JAN 22, 2004

DEVELOPED BY:

DATE:

OFFICE:

NAME:

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: LAX  
ARTCC: ZOA  
ATC FACILITY:  
OTHER:

*Digitally signed by*

**ROBERT G HAMILTON**

Mar 15, 2017

QUALITY  
3  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SPOOK STATE: CA COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 383757.00N/1201551.41W 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 FAC NM	MRA	MAA
1	LINDEN	LIN	VOR/DME	H	029.00	046.00	48.34	48.34	13000	17500
2	SQUAW VALLEY	SWR	VOR/DME	L	163.56	179.56		32.84	13000	17500
3	MUSTANG	FMG	VORTAC	H	192.00	208.00	60.91	60.91	15000	45000
4	HANGTOWN	HNW	VOR/DME	L	086.48	103.48		23.45	13000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
LIN	VOR/DME	R-029	49	13000	14800
FMG	VORTAC	R-192	61	15000	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	SW	LIN	VOR/DME	029.00	029.00	L	1-1 1/2		13000 17500	11 18
2	SW	LIN	VOR/DME	029.00	029.00	L	1 1/2		18000 45000	18 31

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	384027.00N/1200515.00W	9948	4E
2	265	AAO	383948.00N/1200339.00W	9728	4E
2	310	SPOT ELEV	384021.00N/1195958.00W	10680	2C

## REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOIDING HIGHER TERRAIN TO THE EAST.  
 PAT 2 ATC REQUEST.

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

LINDEN (FAC 1) AND MUSTANG (FAC 3) USED TO ESTABLISH FIX COORDINATES  
 CHART FIX AS FMG DME ONLY ON ENROUTE HIGH.  
 PAT 1 AND 2 NOT PUBLISHED, FOR ATC USE.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	RICHY	1, 2, 3, 4		KTVL	SOUTH LAKE TAHOE	CA (US)
DP	SHOLE	1, 2, 3, 4		KTVL	SOUTH LAKE TAHOE	CA (US)
EN ROUTE	V113	1, 2, 3, 4				(US)
EN ROUTE	V28	1, 2, 3, 4				(US)
IAP	GPS-B			KMEV	MINDEN	NV (US)
IAP	RNAV (RNP) Z RWY 34L			KRNO	RENO	NV (US)
IAP	RNAV (RNP) Z RWY 34R			KRNO	RENO	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 06/22/2017

## REASON FOR REVISION:

FIX USE: REMOVED J94

DEVELOPED BY: DATE: 02/03/2017 OFFICE: AJV-5423 NAME: THOMAS KIRKPATRICK

APPROVED BY: DATE: OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE:

Digitally signed by  
 ROBERT G HAMILTON

Mar 15, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZOA

QUALITY  
 3  
 CHECKED

**ATC FACILITY:** NORCAL APP CON, RNO APP CON  
**OTHER:**

