

RADIO FIX AND HOLDING DATA RECORD

NAME: CHKNN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334530.18N/1182012.29W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/03/2016

OFFICE: AJV-5433

NAME: RONNI SALPINO

APPROVED BY:

DATE: 12/27/2016

OFFICE: AJV-5433

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: DINTY

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 332858.49N/1223502.38W

TYPE: WP, 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	FEET	MRA	MAA
1	SAN MARCUS	RZS	VORTAC	VH	233.13	247.13	153.20	153.20		18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
RZS	VORTAC	R-233	154	18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	DARRK (RNAV)			LAX	LOS ANGELES	CA (US)
DP	KYLOW (RNAV)			LAX	LOS ANGELES	CA (US)
DP	PERCH	1		LAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)			LAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			LAX	LOS ANGELES	CA (US)
DP	VENTURA	1		LAX	LOS ANGELES	CA (US)
DP	RAJEE (RNAV)			ONT	ONTARIO	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	MMOTO (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
EN ROUTE	R576 (OCEANIC)	1				(US)
STAR	MOORPARK	1		LAX	LOS ANGELES	CA (US)
STAR	SADDE	1		LAX	LOS ANGELES	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. ADDED KLAX KYLOW (RNAV) SID TO FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: LORRI DOWNEY

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: GYWNN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 330348.44N/1174345.23W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CWARD (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	CWARD (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	CWARD (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/02/2016

OFFICE: AJV-5433

NAME: RONNI SALPINO

APPROVED BY:

DATE: 12/27/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HFMNN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333433.14N/1181410.12W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/03/2016

OFFICE: AJV-5433

NAME: RONNI SALPINO

APPROVED BY:

DATE: 12/27/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: IKAYE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340835.00N/1190037.00W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	LOS ANGELES	LAX	VORTAC	VH	278.72	293.72	31.43	31.45	5000	45000
2	VENTURA	VTU	VOR/DME	L	034.35	049.35	2.57	2.57	5000	18000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

LOS ANGELES (FAC 1) AND VENTURA (FAC 2) USED TO ESTABLISH FIX COORDINATES.
FACILITY 1 AND 2 ADDED TO FIX MAKEUP PER ZLA REQUEST.
CHARTING ON ENROUTE LOW AND ENROUTE HIGH CHARTS PER ZLA REQUEST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	HAWWC (RNAV)			FUL	FULLERTON	CA (US)
DP	HAWWC (RNAV)			LGB	LONG BEACH	CA (US)
DP	HAWWC (RNAV)			SLI	LOS ALAMITOS	CA (US)
DP	DARRK (RNAV)			LAX	LOS ANGELES	CA (US)
DP	MOOOS (RNAV)			LAX	LOS ANGELES	CA (US)
DP	MUELR (RNAV)			LAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			LAX	LOS ANGELES	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	ECHHO (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	HAWWC (RNAV)			SNA	SANTA ANA	CA (US)
DP	HHERO (RNAV)			SNA	SANTA ANA	CA (US)
DP	MISHN (RNAV)			SBA	SANTA BARBARA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HAWWC (RNAV)			TOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

REMOVED FIX USE KLGB TOPMM (RNAV) SID.

10/7/2024: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 9/30/2024.

1. FIX MAKE-UP FACILITIES: CHANGED FAC 1 CLASS FROM H TO VH AND DME FROM 31.45 TO 31.43.
2. FIX MAKE-UP FACILITIES: CHANGED FAC 2 BRG'S FROM 034.34/049.34 TO 034.35/049.35.
3. FIX USE: ADDED MISHN (RNAV) DP @ KSBA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: CHARLES HIRST

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KERNL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 325546.80N/1173113.10W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/03/2016

OFFICE: AJV-5433

NAME: RONNI SALPINO

APPROVED BY:

DATE: 12/27/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: LANDO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350044.74N/1183658.94W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

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	PARADISE	PDZ	VORTAC	VH	305.87	320.87	84.85	84.85	18000	45000
2	GORMAN	GMN	VORTAC	L	028.01	044.01		17.38	14500	45000
3	SHAFTER	EHF	VORTAC	VH	125.98	139.98	36.86	36.86	14500	45000
4	AVENAL	AVE	VOR/DME	VH	103.22	119.22	76.92	76.92	18000	45000
5	PALMDALE	PMD	VORTAC	H	295.06	310.06	35.58	35.58	14500	45000
6	LOS ANGELES	LAX	VORTAC	H	337.00	352.00	65.29	65.29	16000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GMN	VORTAC	R-028	18	22900	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GORMAN (FAC 2) AND SHAFTER (FAC 3) USED TO ESTABLISH FIX COORDINATES.
HIGH ALTITUDE ATC COORDINATION WAYPOINT FOR SUA AVOIDANCE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	CHANNEL	3, 6		SNA	SANTA ANA	CA (US)
DP	HHERO (RNAV)			SNA	SANTA ANA	CA (US)
DP	IRVINE	2, 3, 6		SNA	SANTA ANA	CA (US)
EN ROUTE	J5	2, 3, 6				(US)
EN ROUTE	J65	2, 3, 5				(US)
EN ROUTE	J50	1, 2, 3				CA (US)
EN ROUTE	J6	2, 4, 5				CA (US)
STAR	LEGOZ (RNAV)			CRQ	CARLSBAD	CA (US)
STAR	ZIGGY	2, 3, 5		CNO	CHINO	CA (US)
STAR	ZIGGY	2, 3, 5		AJO	CORONA	CA (US)
STAR	ZIGGY	2, 3, 5		EMT	EL MONTE	CA (US)
STAR	ZIGGY	2, 3, 5		POC	LA VERNE	CA (US)
STAR	LEGOZ (RNAV)			NFG	OCEANSIDE	CA (US)
STAR	ZIGGY	2, 3, 5		ONT	ONTARIO	CA (US)
STAR	ZIGGY	2, 3, 5		RAL	RIVERSIDE	CA (US)
STAR	ZIGGY	2, 3, 5		SBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

REMOVED UNPLANNED HOLDING.
ADDED REQUIRED CHARTING, CONTROLLER HIGH.
FAC 1,3,4 CLASS CHANGED FROM H TO VH
FAC 3 MRA CHANGED FROM 16000 TO 14500

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JANTZEN TAYLOR

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MALIT

STATE: OP

COUNTRY: US

ICAO REGION CODE: P

LATITUDE/LONGITUDE: 322832.13N/1193528.25W

TYPE: WP, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SANTA CATALINA	SXC	VORTAC	VL	213.00	228.00	80.00	80.00	6000	45000
2	MISSION BAY	MZB	VORTAC	VH	246.93	261.93	121.27	121.27	18000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
SXC	VORTAC	R-213	80	6000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SANTA CATALINA (FAC 1) USED TO ESTABLISH FIX COORDINATES.
FIX USED IN CONTROL 1177L (FAC 1).

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	KYLOW (RNAV)			LAX	LOS ANGELES	CA (US)
DP	LAXX	1, 2		LAX	LOS ANGELES	CA (US)
DP	ZILLI (RNAV)			LAX	LOS ANGELES	CA (US)
DP	RAJEE (RNAV)			ONT	ONTARIO	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	MMOTO (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
STAR	GOATZ (RNAV)			LAX	LOS ANGELES	CA (US)
STAR	LEENA	1, 2		LAX	LOS ANGELES	CA (US)
STAR	KARLB (RNAV)			ONT	ONTARIO	CA (US)
STAR	PLYYA (STAR)			SAN	SAN DIEGO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

ADDED "FIX USED IN CONTROL 1177L (FAC 1)." TO
REMARKS
REMOVED CONTROL 1177L ENROUTE FROM FIX USE
CHANGED MZB VORTAC CLASS FROM H TO VH

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JON NEIDIGH

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: OROSZ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342536.18N/1184027.01W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OROSZ (RNAV)			BUR	BURBANK	CA (US)
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	TOPMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SKWRL (RNAV)			LAX	LOS ANGELES	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	HHERO (RNAV)			SNA	SANTA ANA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
DP	WLKKR (RNAV)			VNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

1. REMOVED PEEER (RNAV) DP FROM FIX USE.
2. REMOVED CASTA (RNAV) DP FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/25/2017

OFFICE: AJV-5422

NAME: JIMMY HUGHES

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: NTD APP CON
OTHER: SOCAL APP CON

RADIO FIX AND HOLDING DATA RECORD

NAME: PADRZ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 331138.00N/1175143.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CWARD (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	CWARD (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	JADKO (RNAV)			SBD	SAN BERNARDINO	CA (US)
DP	CWARD (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/31/2024

REASON FOR REVISION:

FIX USE: REMOVED REFERENCE TO OROSZ (RNAV) DEPARTURE AT KCMA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A441

NAME: LAWRENCE PATTERSON

APPROVED BY:

DATE: 09/26/2024

OFFICE: AJV-A441

NAME: DONALD LANIER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RIDDLE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340007.30N/1182735.28W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	HHERO (RNAV)			SNA	SANTA ANA	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

1. UPDATED FIX USE - ADDED KSNA HHERO (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/07/2016

OFFICE: AJV-5422

NAME: JULIE MORGAN (DUSTIN DAVIDSON)

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: SANTA CATALINA VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 332230.20N/1182511.67W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	SANTA CATALINA	SXC	VORTAC	VL						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	S	SXC	VORTAC	195.00	015.00	L	1	3400 6000	4 12
2	W	SXC	VORTAC	287.00	107.00	L	10	4000 14000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	332226.50N/1182502.90W	2350	6A
1	310	AAO	332230.00N/1182512.00W	2304	4B
2	200	AAO	332226.50N/1182502.90W	2350	6A

REASON FOR NONSTANDARD HOLDING:

PAT 1 GREATEST AVOIDANCE OF W-291.
PAT 2 GREATEST AVOIDANCE OF W-291.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR OR GPS-B	AVX	AVALON	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
SXC VORTAC MAGVAR: 1965/E15.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	CATALINA			LAX	LOS ANGELES	CA (US)
DP	LAXX			LAX	LOS ANGELES	CA (US)
DP	COAST			OAK	OAKLAND	CA (US)
DP	RAJEE (RNAV)			ONT	ONTARIO	CA (US)
DP	DOYLE			NTD	OXNARD	CA (US)
DP	JADKO (RNAV)			SBD	SAN BERNARDINO	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	VITKO			NKX	SAN DIEGO	CA (US)
DP	FALCC			SAN	SAN DIEGO	CA (US)
DP	MMOTO (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PEBLE			SAN	SAN DIEGO	CA (US)
DP	CHANNEL			SNA	SANTA ANA	CA (US)
DP	EL TORO			SNA	SANTA ANA	CA (US)
DP	IRVINE			SNA	SANTA ANA	CA (US)
DP	MUSEL			SNA	SANTA ANA	CA (US)
DP	MISHN (RNAV)			SBA	SANTA BARBARA	CA (US)
DP	SANTA BARBARA			SBA	SANTA BARBARA	CA (US)
EN ROUTE	T261					(US)
EN ROUTE	V208					(US)
EN ROUTE	V21					(US)
EN ROUTE	V27					(US)
EN ROUTE	V458					(US)
IAP	VOR OR GPS-B		1	AVX	AVALON	CA (US)
IAP	VOR OR GPS-A		1	AVX	AVALON	CA (US)
IAP	TACAN Y OR VOR/DME RWY 3			NTD	OXNARD	CA (US)
STAR	TANDY			LGB	LONG BEACH	CA (US)
STAR	TANDY			SLI	LOS ALAMITOS	CA (US)
STAR	LEENA		2	LAX	LOS ANGELES	CA (US)
STAR	OCEAN			LAX	LOS ANGELES	CA (US)
STAR	COMIX (RNAV)			SAN	SAN DIEGO	CA (US)
STAR	HUBRD			SAN	SAN DIEGO	CA (US)
STAR	TANDY			SNA	SANTA ANA	CA (US)
STAR	TANDY			TOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 20****DATE OF REVISION: 09/03/2026****REASON FOR REVISION:**

1. HOLDING PATTERNS: CHANGED PAT 1 MAX PATTERN FROM 5 TO 12.
2. HOLDING CONTROLLING OBSTRUCTIONS: ADDED PAT 1 310 KTS AAO 332230.00N/1182512.00W 2304 4B.
3. ADDED PROCEDURES REQUIRING CLIMB-IN-HOLD: PAT 1 AVX VOR OR GPS-B.
4. FIX USE: REMOVED NTD TACAN Y OR VOR/DME RWY 3.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A433

NAME: TAYLOR KENNEY**APPROVED BY:****DATE: 07/30/2026****OFFICE: AJV-A433****NAME: ROBERT HAMILTON****SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: SHAFTER VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 352904.40N/1190550.26W 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	SHAFTER	EHF	VORTAC	H						45000

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	NW	EHF	VORTAC	323.64	143.64	R	1-1 1/2	2700 17500	4 16
2	E	EHF	VORTAC	089.05	269.05	R	1	2900 13000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (06-001920)	353053.00N/1190341.00W	1293	3C
1	310	AAO	353018.00N/1190003.00W	1575	4E
2	200	AAO	353018.00N/1190003.00W	1575	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	L45	BAKERSFIELD	CA (US)
1	ILS OR LOC RWY 30R	BFL	BAKERSFIELD	CA (US)
1	VOR-A	BFL	BAKERSFIELD	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: E14 1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 32			24CL	CORCORAN	CA (US)
DP	MARIC			BFL	BAKERSFIELD	CA (US)
DP	OILDALE		1	BFL	BAKERSFIELD	CA (US)
DP	TAKE-OFF MINIMUMS			BFL	BAKERSFIELD	CA (US)
DP	WRING			BFL	BAKERSFIELD	CA (US)
DP	STIGR			L45	BAKERSFIELD	CA (US)
DP	TAKE-OFF MINIMUMS		1	L45	BAKERSFIELD	CA (US)
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	TAKE-OFF MINIMUMS			DLO	DELANO	CA (US)
DP	BULLDOG			FAT	FRESNO	CA (US)
DP	GORMAN			LAX	LOS ANGELES	CA (US)
DP	CROLI (RNAV)			MMH	MAMMOTH LAKES	CA (US)
DP	OENNS (RNAV)			MMH	MAMMOTH LAKES	CA (US)
DP	POMONA			ONT	ONTARIO	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	SAN MARCUS			NTD	OXNARD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	TINNY			NKX	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	CHANNEL			SNA	SANTA ANA	CA (US)
DP	HHERO (RNAV)			SNA	SANTA ANA	CA (US)
DP	IRVINE			SNA	SANTA ANA	CA (US)
DP	SANTA BARBARA			SBA	SANTA BARBARA	CA (US)
DP	TAKE-OFF MINIMUMS			MIT	SHAFTER	CA (US)
EN ROUTE	J50					(US)
EN ROUTE	J65					(US)
EN ROUTE	T259					(US)
EN ROUTE	V165					(US)
EN ROUTE	V183					(US)
EN ROUTE	V197					(US)
EN ROUTE	V23					(US)
EN ROUTE	V248					(US)
EN ROUTE	J5					(US)
IAP	ILS OR LOC RWY 30R		1	BFL	BAKERSFIELD	CA (US)
IAP	RNAV (GPS) RWY 12L			BFL	BAKERSFIELD	CA (US)
IAP	RNAV (GPS) RWY 12R			BFL	BAKERSFIELD	CA (US)
IAP	VOR-A		1	BFL	BAKERSFIELD	CA (US)
IAP	VOR/DME RWY 34			L45	BAKERSFIELD	CA (US)

IAP	RNAV GPS RWY 33		DLO	DELANO	CA (US)
IAP	VOR RWY 33		DLO	DELANO	CA (US)
IAP	HI ILS Z OR LOC Z RWY 29R		FAT	FRESNO	CA (US)
IAP	HI-TACAN RWY 29R		FAT	FRESNO	CA (US)
IAP	GPS RWY 30		PTV	PORTERVILLE	CA (US)
IAP	VOR-A		PTV	PORTERVILLE	CA (US)
IAP	VOR-A	2	MIT	SHAFTER	CA (US)
STAR	FASTO		BFL	BAKERSFIELD	CA (US)
STAR	FERNANDO		BUR	BURBANK	CA (US)
STAR	WEESL (RNAV)		BUR	BURBANK	CA (US)
STAR	ZIGGY		CNO	CHINO	CA (US)
STAR	ZIGGY		AJO	CORONA	CA (US)
STAR	ZIGGY		EMT	EL MONTE	CA (US)
STAR	ZIGGY		POC	LA VERNE	CA (US)
STAR	KIMMO		LAX	LOS ANGELES	CA (US)
STAR	MOORPARK		LAX	LOS ANGELES	CA (US)
STAR	SADDE		LAX	LOS ANGELES	CA (US)
STAR	WAYVE (RNAV)		LAX	LOS ANGELES	CA (US)
STAR	ZIGGY		ONT	ONTARIO	CA (US)
STAR	ZIGGY		RAL	RIVERSIDE	CA (US)
STAR	ZIGGY		SBD	SAN BERNARDINO	CA (US)
STAR	FERNANDO		SMO	SANTA MONICA	CA (US)
STAR	KIMMO		SMO	SANTA MONICA	CA (US)
STAR	WAYVE (RNAV)		SMO	SANTA MONICA	CA (US)
STAR	FERNANDO		VNY	VAN NUYS	CA (US)
STAR	WEESL (RNAV)		VNY	VAN NUYS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 36

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

CHANGED KPTV IAP NAME FROM VOR OR GPS-A TO VOR-A PER AFS-400 MEMO DATED 09/08/2000.

CHANGED KDLO FIX USE FROM GPS RWY 32 TO RNAV GPS RWY 33.

CHANGED KDLO FIX USE FROM VOR RWY 32 TO VOR RWY 33.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSHUA LEETE

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A421

NAME: RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TWINE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341834.90N/1183659.32W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	VENTURA	VTU	VOR/DME	L	046.46	061.46	24.50	24.50		5500	17500
2	LOS ANGELES	LAX	VORTAC	VH	322.88	337.88	24.35	24.35		5500	17500
3	FILLMORE	FIM	VORTAC	VL	087.00	102.00	13.46	13.46		5500	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	NW	LAX	VORTAC	322.88	142.88	R	1	6000 17500	8 17
2	W	FIM	VORTAC	087.00	087.00	L	1	6000 17500	8 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	341948.00N/1183603.00W	3947	4E
2	230	AAO	341948.00N/1183603.00W	3947	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	206
2	230	206

REASON FOR NONSTANDARD HOLDING:

PAT 2 AVOID ADJACENT HOLDING PATTERNS & AIRWAYS.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

VENTURA (FAC 1) USED TO ESTABLISH FIX COORDINATES.
PAT 1, PAT 2 ATC HOLDING.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2, 3		BUR	BURBANK	CA (US)
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	HHERO (RNAV)			SNA	SANTA ANA	CA (US)
DP	NEWHALL	1, 2, 3		VNY	VAN NUYS	CA (US)
EN ROUTE	V23					(US)
EN ROUTE	V518					(US)
EN ROUTE	V518					(US)

REQUIRED CHARTING: DP, AREA, EN ROUTE LOW, CONTROLLER LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

UPDATED FAC 2 CLASS FROM H TO VH AND FAC 3 CLASS FROM L TO VL.
UPDATED PAT 1 AND 2 LEG TIME FROM 1-1 1/2 TO 1.
UPDATED CONTROLLER TO CONTROLLER LOW IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TAYLOR GIBSON

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: WNFLD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 324752.83N/1171857.49W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CWARD (RNAV)			CRQ	CARLSBAD	CA (US)
DP	PADRZ (RNAV)			CRQ	CARLSBAD	CA (US)
DP	CWARD (RNAV)			RNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			RNM	RAMONA	CA (US)
DP	CWARD (RNAV)			MYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			MYF	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SAN	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			SDM	SAN DIEGO	CA (US)
DP	CWARD (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)
DP	PADRZ (RNAV)			SEE	SAN DIEGO/EL CAJON	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/02/2016

OFFICE: AJV-5433

NAME: RONNI SALPINO

APPROVED BY:

DATE: 12/27/2016

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL TRACON
OTHER: