

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** ANTLP

**STATE:** CA

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 344251.26N/1173029.82W

**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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 12/07/2017

**REASON FOR REVISION:**

ADDED HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

**DEVELOPED BY:**
**DATE:** 07/03/2017

**OFFICE:** AJV-5431

**NAME:** LIAM DONAHUE

**APPROVED BY:**
**DATE:**
**OFFICE:** AJV-5430

**NAME:** PATRICK MULQUEEN

**SIGNATURE:**
**DISTRIBUTION:**

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: ARRMV

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350348.00N/1164424.00W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
IAP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2                      DATE OF REVISION: 12/07/2017

REASON FOR REVISION:  
ADDED HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/03/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: BBITE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344216.22N/1174530.87W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: BLAZN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353755.21N/1154646.06W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

**NAME:** COREZ **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2  
**LATITUDE/LONGITUDE:** 353324.00N/1192901.98W **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	MRA FEET	MAA
1	AVENAL	AVE	VOR/DME	H	086.46	102.46	24.80	24.80	4000	45000
2	GORMAN	GMN	VORTAC	L	310.00	326.00	54.50	54.50	11000	45000

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GMN	VORTAC	R-310	55	11000	45000

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**REMARKS:**

AVENAL (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OROSZ (RNAV)			KBUR	BURBANK	CA (US)
DP	VAN NUYS	1, 2		KBUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	CASTA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	GORMAN	1, 2		KLAX	LOS ANGELES	CA (US)
DP	LADYJ (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ONTARIO	1, 2		KONT	ONTARIO	CA (US)
DP	POMONA	1, 2		KONT	ONTARIO	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CANOGA	1, 2		KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	WLKKR (RNAV)			KVNY	VAN NUYS	CA (US)
EN ROUTE	V248	1			(US)	
IAP	RNAV (GPS) RWY 12L			KBFL	BAKERSFIELD	CA (US)
IAP	RNAV (GPS) RWY 12R			KBFL	BAKERSFIELD	CA (US)
IAP	GPS RWY 32			KDLO	DELANO	CA (US)
IAP	RNAV (GPS) RWY 12			KMIT	SHAFTER	CA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 8 **DATE OF REVISION:** 12/07/2017

**REASON FOR REVISION:**

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

**DEVELOPED BY:** **DATE:** 07/05/2017 **OFFICE:** AJV-5431 **NAME:** LIAM DONAHUE  
**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: CSTRO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 352652.66N/1191407.00W

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)			KBUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	WLKKR (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

<b>NAME:</b> CTRUS		<b>STATE:</b> CA	<b>COUNTRY:</b> US	<b>ICAO REGION CODE:</b> K2
<b>LATITUDE/LONGITUDE:</b> 340023.18N/1184033.81W		<b>TYPE:</b> WP		
<b>AIRSPACE DOCKET:</b>		<b>FIX TYPE OF ACTION:</b> ESTABLISH		
<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>
<b>USE TYPE</b>				<b>CITY</b>
DP	CTRUS (RNAV)			KSMO
DP	SANTA MONICA (RNAV)			KSMO
				SANTA MONICA
				SANTA MONICA
				<b>STATE</b>
				CA (US)
				CA (US)

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG      **DATE OF REVISION:** 03/02/2017

<b>DEVELOPED BY:</b>	<b>DATE:</b> 10/22/2016	<b>OFFICE:</b> AJV-5430	<b>NAME:</b> SEAN BARBEE
<b>APPROVED BY:</b>	<b>DATE:</b> 01/03/2017	<b>OFFICE:</b> AJV-5430	<b>NAME:</b> LONNIE EVERHART

**SIGNATURE:**

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: DARRK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335501.06N/1184957.18W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
USE TYPE						
DP	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

REASON FOR REVISION:  
FIX USE: ADDED 'SUMMR (RNAV)'

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

<b>NAME:</b> DZINE		<b>STATE:</b> CA		<b>COUNTRY:</b> US		<b>ICAO REGION CODE:</b> K2	
<b>LATITUDE/LONGITUDE:</b> 340551.04N/1184020.14W				<b>TYPE:</b> WP			
<b>AIRSPACE DOCKET:</b>				<b>FIX TYPE OF ACTION:</b> ESTABLISH			
<b>FIX USE:</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>	
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)	
DP	SANTA MONICA (RNAV)			KSMO	SANTA MONICA	CA (US)	

**REQUIRED CHARTING:** DP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG      **DATE OF REVISION:** 03/02/2017

<b>DEVELOPED BY:</b>	<b>DATE:</b> 10/22/2016	<b>OFFICE:</b> AJV-5431	<b>NAME:</b> SEAN BARBEE
<b>APPROVED BY:</b>	<b>DATE:</b> 01/03/2017	<b>OFFICE:</b> AJV-5430	<b>NAME:</b> LONNIE EVERHART
<b>SIGNATURE:</b>			

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: FIXIT

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335828.00N/1185917.00W

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	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	FIXIT (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	KYLOW (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	MUELR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CITRUS (RNAV)			KSMO	SANTA MONICA	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

1. ADDED DARRK (RNAV) AND TRTON (RNAV) DP TO FIX USE.

DEVELOPED BY:

DATE: 11/04/2016

OFFICE: AJV-5422

NAME: JIMMY HUGHES

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: GUNNR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 345237.00N/1165913.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

ATC COORDINATION FIX

## FIX USE:

## USE TYPE

## USE TITLE

## FAC

## PAT

## AIRPORT IDENT

## CITY

## STATE

DP	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: HAILO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353814.00N/1155816.00W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ			KVNY	VAN NUYS	CA (US)
EN ROUTE	Q70					(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: HECTOR VORTAC

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344749.26N/1162746.52W

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	HECTOR	HEC	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	E		WP	075.00	255.00	R		7	6100	14000	9	14

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	345221.70N/1161958.40W	4827	6A

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	151

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
 PRIOR COORDINATION REQUIRED WITH ZLA FOR HOLDING OVER R-2501N.  
 HOLDING PAT 1 ATC USE ONLY.  
 ASSIGNED MAGVAR: 15E/1975.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MAYSA (RNAV)			KCHD	CHANDLER	AZ (US)
DP	MAYSA (RNAV)			KGEU	GLENDALE	AZ (US)
DP	MAYSA (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	MAYSA (RNAV)			KIWA	PHOENIX	AZ (US)
DP	MAYSA (RNAV)			KPHX	PHOENIX	AZ (US)
DP	MAYSA (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	EXCON (RNAV)			KAPV	APPLE VALLEY	CA (US)
DP	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	VVERA (RNAV)			KBUR	BURBANK	CA (US)
DP	DAGGETT			KDAG	DAGGETT	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	REDHL (RNAV)			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	REDHL (RNAV)			KLGB	LONG BEACH	CA (US)
DP	REDHL (RNAV)			KSLI	LOS ALAMITOS	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	PLZZA (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	SANTA MONICA (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	REDHL (RNAV)			KTOA	TORRANCE	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	ROSCOE (RNAV)			KVNY	VAN NUYS	CA (US)
DP	VVERA (RNAV)			KVNY	VAN NUYS	CA (US)
DP	PALLY (RNAV)			KHND	LAS VEGAS	NV (US)
DP	BOACH (RNAV)			KLAS	LAS VEGAS	NV (US)
DP	MCCARRAN			KLAS	LAS VEGAS	NV (US)
EN ROUTE	J107					(US)
EN ROUTE	J6					(US)
EN ROUTE	J60					(US)
EN ROUTE	J64					(US)
EN ROUTE	V12					(US)
EN ROUTE	V21					(US)
EN ROUTE	V210					(US)
EN ROUTE	V283					(US)
EN ROUTE	V442					(US)
EN ROUTE	V8					(US)
IAP	RNAV (GPS) RWY 22			KDAG	DAGGETT	CA (US)
IAP	VOR OR TACAN RWY 22			KDAG	DAGGETT	CA (US)
STAR	COYOT			KPHX	PHOENIX	AZ (US)
STAR	MAIER (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	JANNY (RNAV)			KBUR	BURBANK	CA (US)
STAR	LYNXX			KBUR	BURBANK	CA (US)

STAR	ZIGGY	1	KCNO	CHINO	CA (US)
STAR	ZIGGY	1	KAJO	CORONA	CA (US)
STAR	ZIGGY	1	KEMT	EL MONTE	CA (US)
STAR	KAYOH		KFUL	FULLERTON	CA (US)
STAR	ZIGGY	1	KPOC	LA VERNE	CA (US)
STAR	KAYOH		KLGB	LONG BEACH	CA (US)
STAR	KAYOH		KSLI	LOS ALAMITOS	CA (US)
STAR	BASET		KLAX	LOS ANGELES	CA (US)
STAR	DOWNE		KLAX	LOS ANGELES	CA (US)
STAR	RIIVR		KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY	1	KONT	ONTARIO	CA (US)
STAR	ZIGGY	1	KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1	KSBD	SAN BERNARDINO	CA (US)
STAR	KAYOH		KSNA	SANTA ANA	CA (US)
STAR	KEFFR (RNAV)		KSNA	SANTA ANA	CA (US)
STAR	PITBL (RNAV)		KSBA	SANTA BARBARA	CA (US)
STAR	KAYOH		KTOA	TORRANCE	CA (US)
STAR	CRESO		KLAS	LAS VEGAS	NV (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 19

**DATE OF REVISION:** 02/01/2018

**REASON FOR REVISION:**

UPDATED FIX USE: ADDED KVN Y VVERA (RNAV) DP.

**DEVELOPED BY:**            **DATE:** 08/30/2017            **OFFICE:** AJV-5430            **NAME:** SEAN BARBEE

**APPROVED BY:**            **DATE:**            **OFFICE:** AJV-5430            **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: HEYJO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344310.33N/1184353.04W

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)			KBUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	WLKKR (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

REASON FOR REVISION:  
ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

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: NO CHANGE

## FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	LOS ANGELES	LAX	VORTAC	H	278.72	293.72	31.45	31.45		5000	45000
2	VENTURA	VTU	VOR/DME	L	034.34	049.34	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)			KCRQ	CARLSBAD	CA (US)
DP	HAWWC (RNAV)			KFUL	FULLERTON	CA (US)
DP	HAWWC (RNAV)			KLGB	LONG BEACH	CA (US)
DP	TOPMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	HAWWC (RNAV)			KSLI	LOS ALAMITOS	CA (US)
DP	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	FIXIT (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	KYLOW (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	MOOOS (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	MUELR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	PADRZ (RNAV)			KRNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			KMYF	SAN DIEGO	CA (US)
DP	ECHHO (RNAV)			KSAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSEE	SAN DIEGO/EL CAJON	CA (US)
DP	HAWWC (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HHERO (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HAWWC (RNAV)			KTOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

1. ADDED DARRK (RNAV), TRTON (RNAV), TOPMM (RNAV), HHERO (RNAV) AND HAWWC (RNAV) DP TO FIX USE.

DEVELOPED BY:

DATE: 11/04/2016

OFFICE: AJV-5422

NAME: JIMMY HUGHES

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: TONY LAWSON

SIGNATURE:

DISTRIBUTION:

NFDC  
 FPO: WST  
 ARTCC: ZLA  
 ATC FACILITY: SOCAL TRACON, LAX TOWER  
 OTHER:

## RADIO FIX AND HOLDING DATA RECORD

NAME: JETHK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344129.87N/1175819.35W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	CHOII (CTRUS)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: LAS VEGAS VORTAC

STATE: NV

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 360446.93N/1150935.27W

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	LAS VEGAS	LAS	VORTAC	H						45000

## FIX RESTRICTIONS:

MCA V105 8500 WESTBOUND

## 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	E	LAS	VORTAC	071.00	251.00	R	1	6000 14000	5 10

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	200' AAO	361244.97N/1152732.79W	8354	2A
1	200	SPOT + AAO (LV-S-0138)	361038.70N/1145940.50W	4280	6A

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
UPN	230	369

## HOLDING RESTRICTIONS:

PATTERN 1 310KT USE ABOVE 140 FOR MILITARY USE ONLY.  
UNPLANNED HOLDING AUTHORIZED AT OR ABOVE 9800.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
ASSIGNED FACILITY MAGVAR: 15 DEGREES EAST (1980).

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ			KVNY	VAN NUYS	CA (US)
DP	TAKEOFF MINIMUMS			KHND	LAS VEGAS	NV (US)
DP	HOOVER			KLAS	LAS VEGAS	NV (US)
DP	LAS VEGAS			KLAS	LAS VEGAS	NV (US)
DP	MCCARRAN			KLAS	LAS VEGAS	NV (US)
DP	DREAM			KLSV	LAS VEGAS	NV (US)
DP	MORMON MESA			KLSV	LAS VEGAS	NV (US)
DP	BOULDER CITY (OBSTACLE)			KVGT	LAS VEGAS	NV (US)
DP	NORTHTOWN			KVGT	LAS VEGAS	NV (US)
DP	RIGHTTURN			KVGT	LAS VEGAS	NV (US)
EN ROUTE	J100					(US)
EN ROUTE	J146					(US)
EN ROUTE	J76					(US)
EN ROUTE	J9					(US)
EN ROUTE	Q70					(US)
EN ROUTE	V105					(US)
EN ROUTE	V237					(US)
EN ROUTE	V394					(US)
EN ROUTE	V538					(US)
EN ROUTE	V562					(US)
IAP	VOR-C			KHND	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 01L			KLAS	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 26L			KLAS	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 26R			KLAS	LAS VEGAS	NV (US)
IAP	RNAV (GPS) RWY 19L			KLAS	LAS VEGAS	NV (US)
IAP	RNAV (GPS) RWY 19R			KLAS	LAS VEGAS	NV (US)
IAP	VOR RWY 26 L/R			KLAS	LAS VEGAS	NV (US)
IAP	VOR/DME-A			KLAS	LAS VEGAS	NV (US)
IAP	GPS RWY 12R			KVGT	LAS VEGAS	NV (US)
IAP	GPS RWY 30L			KVGT	LAS VEGAS	NV (US)

IAP	ILS OR LOC RWY 12L	1	KVGT	LAS VEGAS	NV (US)
STAR	ADDEL (RNAV)		KHND	LAS VEGAS	NV (US)
STAR	CLARR		KHND	LAS VEGAS	NV (US)
STAR	KNGMN (RNAV)		KHND	LAS VEGAS	NV (US)
STAR	LUXOR		KHND	LAS VEGAS	NV (US)
STAR	NOOTN (RNAV)		KHND	LAS VEGAS	NV (US)
STAR	CLARR		KLAS	LAS VEGAS	NV (US)
STAR	CRESO		KLAS	LAS VEGAS	NV (US)
STAR	KEPEC (RNAV)		KLAS	LAS VEGAS	NV (US)
STAR	LUXOR		KLAS	LAS VEGAS	NV (US)
STAR	SITEE (RNAV)		KLAS	LAS VEGAS	NV (US)
STAR	SUNST (RNAV)		KLAS	LAS VEGAS	NV (US)
STAR	TYSSN (RNAV)		KLAS	LAS VEGAS	NV (US)
STAR	CLARR		KVGT	LAS VEGAS	NV (US)
STAR	LUXOR		KVGT	LAS VEGAS	NV (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 16

**DATE OF REVISION:** 12/07/2017

**REASON FOR REVISION:**

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNK TO FIX USE.

**DEVELOPED BY:**            **DATE:** 07/05/2017            **OFFICE:** AJV-5431            **NAME:** LIAM DONAHUE

**APPROVED BY:**            **DATE:**            **OFFICE:** AJV-5430            **NAME:** PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:**    **NFDC**  
                          **FPO:** WST  
                          **ARTCC:** ZLA  
                          **ATC FACILITY:** LAS APP CON  
                          **OTHER:**



## RADIO FIX AND HOLDING DATA RECORD

NAME: MISEN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350608.46N/1162413.86W

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 NM	FAC FEET	MRA	MAA
1	DAGGETT	DAG	VORTAC	L	030.66	045.66	12.00	12.00		24000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DAG	VORTAC	R-031	12	24000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
EN ROUTE	J100	1				(US)
EN ROUTE	J146	1				(US)
EN ROUTE	J9	1				(US)
STAR	CLARR	1		KBVU	BOULDER CITY	NV (US)
STAR	CLARR	1		KHND	LAS VEGAS	NV (US)
STAR	CLARR	1		KLAS	LAS VEGAS	NV (US)
STAR	GLRNO (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	KEPEC (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	MDERA (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	CLARR	1		KVGT	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: LAS APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: NNAVY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 345510.68N/1164340.88W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			KSNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			KSNA	SANTA ANA	CA (US)
DP	MISHN (RNAV)			KSBA	SANTA BARBARA	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

# 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)			KBUR	BURBANK	CA (US)
DP	PADRZ (RNAV)			KCRQ	CARLSBAD	CA (US)
DP	TOPMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	CASTA (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	LADYJ (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SKWRL (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	PADRZ (RNAV)			KRNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			KMYF	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSEE	SAN DIEGO/EL CAJON	CA (US)
DP	HHERO (RNAV)			KSNA	SANTA ANA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	WLKKR (RNAV)			KVNY	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.

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: RIZIN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342439.97N/1193157.04W

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	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

FIX USE: ADDED 'SUMMR (RNAV)'

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: SCTRR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353135.79N/1203454.69W

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	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
STAR	SILCN (RNAV)			KSJC	SAN JOSE	CA (US)

REQUIRED CHARTING: DP, STAR, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

FIX USE: ADDED 'SUMMR (RNAV)'

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: SEAEM		STATE: CA		COUNTRY: US		ICAO REGION CODE: K2	
LATITUDE/LONGITUDE: 341430.89N/1182549.76W		TYPE: WP					
AIRSPACE DOCKET:		FIX TYPE OF ACTION: ESTABLISH					
FIX USE:	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE	
USE TYPE							
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)	
DP	SANTA MONICA (RNAV)			KSMO	SANTA MONICA	CA (US)	

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG      DATE OF REVISION: 03/02/2017

DEVELOPED BY:	DATE: 10/22/2016	OFFICE: AJV-5431	NAME: SEAN BARBEE
APPROVED BY:	DATE: 01/03/2017	OFFICE: AJV-5430	NAME: LONNIE EVERHART
SIGNATURE:			

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: SHORS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344743.61N/1185607.37W

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	TOPMM (RNAV)			KLGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CITRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/01/2018

## REASON FOR REVISION:

1. ADDED CHOII (RNAV) DP TO FIX USE.

DEVELOPED BY: DATE: 09/05/2017

OFFICE: AJV-5422

NAME: JIMMY HUGHES

APPROVED BY: DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

# RADIO FIX AND HOLDING DATA RECORD

NAME: SLAPP

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342750.14N/1181954.07W

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 NM	FAC FEET	MRA	MAA
1	PALMDALE	PMD	VORTAC	H	218.00	233.00	16.64	16.64		7000	17500
2	LAKE HUGHES	LHS	VORTAC	L	122.13	137.13		17.88		7000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

PALMDALE (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	VAN NUYS	1, 2		KBUR	BURBANK	CA (US)
DP	VVERA (RNAV)			KBUR	BURBANK	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	SANTA MONICA (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	NEWHALL	1, 2		KVNY	VAN NUYS	CA (US)
DP	ROSCOE (RNAV)			KVNY	VAN NUYS	CA (US)
EN ROUTE	V-518	1, 2				(US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE LOW

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.

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: SOCAL APP CON  
OTHER:

# RADIO FIX AND HOLDING DATA RECORD

NAME: SPLNT

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350515.00N/1202221.51W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	SE		WP	122.53	302.53	L	10	12000	18000	10	14

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION
1	230	AAO

## COORDINATES

350124.00N/1200506.00W

## ELEVATION

3741

## ACCURACY CODE

4E

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	220

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.  
PAT 1 10 DME LENGTH USED PER ATC REQUEST.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DARRK (RNAV)		1	KLAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)		1	KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)		1	KLAX	LOS ANGELES	CA (US)
DP	CTRUS (RNAV)		1	KSMO	SANTA MONICA	CA (US)

REQUIRED CHARTING: DP, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

FIX USE: ADDED 'SUMMR (RNAV)'

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: STOKD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 352900.57N/1204905.68W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

FIX TO BE CHARTED AS STANDALONE ON SERFR (RNAV) AND WWAVS (RNAV) STARS.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	DARRK (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	SUMMR (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	TRTON (RNAV)			KLAX	LOS ANGELES	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
STAR	SERFR (RNAV)			KSFO	SAN FRANCISCO	CA (US)
STAR	WWAVS (RNAV)			KSFO	SAN FRANCISCO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

FIX USE: ADDED 'SUMMR (RNAV)'

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: TESEA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 351018.91N/1201522.87W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

## USE TYPE

DP	DARRK (RNAV)
DP	SUMMR (RNAV)
DP	TRTON (RNAV)
DP	CTRUS (RNAV)

## FAC PAT

## AIRPORT IDENT

KLAX
KLAX
KLAX
KSMO

## CITY

LOS ANGELES
LOS ANGELES
LOS ANGELES
SANTA MONICA

## STATE

CA (US)
CA (US)
CA (US)
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

FIX USE: ADDED 'SUMMR (RNAV)'

DEVELOPED BY:

DATE: 06/30/2017

OFFICE: AJV-5422

NAME: LUCAS MCCLOUD

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: WOPPR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340258.00N/1184652.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:  
USE TYPE  
DPUSE TITLE  
CTRUS (RNAV)

FAC

PAT

AIRPORT IDENT  
KSMOCITY  
SANTA MONICASTATE  
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

DEVELOPED BY:

DATE: 10/22/2016

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY:

DATE: 01/03/2017

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: WRASH

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340002.48N/1183512.63W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

## FIX USE:

## USE TYPE

USE TYPE	USE TITLE
DP	CTRUS (RNAV)
DP	PEVEE (RNAV)
DP	SANTA MONICA (RNAV)

## FAC PAT

## AIRPORT IDENT

AIRPORT IDENT	CITY
KSMO	SANTA MONICA
KSMO	SANTA MONICA
KSMO	SANTA MONICA

## CITY

## STATE

STATE
CA (US)
CA (US)
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/02/2017

DEVELOPED BY:

DATE: 10/21/2016

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY:

DATE: 01/03/2017

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

## RADIO FIX AND HOLDING DATA RECORD

NAME: YAAPY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343953.00N/1180750.00W

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	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/07/2017

## REASON FOR REVISION:

ADDED THE HAYEZ (RNAV) DEPARTURE AT KVNY TO FIX USE.

DEVELOPED BY:

DATE: 07/05/2017

OFFICE: AJV-5431

NAME: LIAM DONAHUE

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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