

RADIO FIX AND HOLDING DATA RECORD

NAME: AERRO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341919.37N/1170220.21W

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 NM	FAC FEET	MRA	MAA
1	PALMDALE	PMD	VORTAC	VH	094.74	109.74	54.11	54.11		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SLAPP (RNAV)			BUR	BURBANK	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
EN ROUTE	J65	1				(US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. DELETED "PSP" AND ADDED "PMD" IN FIX MAKE-UP FACILITIES -- CHARTED ON COURSE FACILITY FOR J65.
2. DELETED REMARK "PALM SPRINGS (FAC 1) USED TO ESTABLISH FIX COORDINATES".
3. DELETED "CONTROLLER" AND ADDED "CONTROLLER HIGH" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A421

NAME: TARA MARTINELLI

SIGNATURE:

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)			BUR	BURBANK	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	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.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

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: ARMY

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)			BUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			SNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			SNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE: REMOVED DP OSHNN (RNAV) AT KLAX.
2. FIX USE: CHANGED SNSHN (RNAV) FROM IAP TO DP.
3. CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 03/04/2021

OFFICE: AJV-A431

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
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)			BUR	BURBANK	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	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.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

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)			BUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			SNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			SNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE: REMOVED DP OSHNN (RNAV) AT KLAX.
2. CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 03/04/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: BLYTHE VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333545.83N/1144540.58W 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	BLYTHE	BLH	VORTAC	VH							45000

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	BLH	VORTAC	080.00	260.00	R	1		4000	17500	4	16
2	W		WP	268.00	088.00	L		12	25000	45000	21	30
3	W	BLH	VORTAC	268.00	088.00	L	1 1/2		18000	41000	16	28
4	S	BLH	VORTAC	189.00	009.00	R	1		3800	8000	12	12

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	334046.10N/1145017.90W	3030	6C
4	310	AAO	334042.00N/1145003.00W	2796	4B

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
4	BLYTHE	BLH	BLYTHE	CA (US)

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER QUAIL MOA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT. 1 HOLDING OBSTACLE LOCATED 1.58 NM INTO SECONDARY AREA.
PAT 1&3 PER ATC.
ASSIGNED MAGVAR: 14E/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	IZZZO (RNAV)			CHD	CHANDLER	AZ (US)
DP	IZZZO (RNAV)			GEU	GLENDALE	AZ (US)
DP	IZZZO (RNAV)			GYR	GOODYEAR	AZ (US)
DP	IZZZO (RNAV)			DVT	PHOENIX	AZ (US)
DP	IZZZO (RNAV)			IWA	PHOENIX	AZ (US)
DP	BUCKEYE			PHX	PHOENIX	AZ (US)
DP	KEENS (RNAV)			PHX	PHOENIX	AZ (US)
DP	IZZZO (RNAV)			SDL	SCOTTSDALE	AZ (US)
DP	SCOTTSDALE			SDL	SCOTTSDALE	AZ (US)
DP	BLYTHE		4	BLH	BLYTHE	CA (US)
DP	SLAPP (RNAV)			BUR	BURBANK	CA (US)
DP	CATHEDRAL			PSP	PALM SPRINGS	CA (US)
DP	HWRRD (RNAV)			PSP	PALM SPRINGS	CA (US)
DP	JEEON (RNAV)			PSP	PALM SPRINGS	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
DP	OYODA (RNAV)			HND	LAS VEGAS	NV (US)
DP	RADYR (RNAV)			LAS	LAS VEGAS	NV (US)
EN ROUTE	T306					(US)
EN ROUTE	J169					CA (US)
EN ROUTE	J50					CA (US)
EN ROUTE	J65					CA (US)
EN ROUTE	V135					CA (US)
EN ROUTE	V16					CA (US)
EN ROUTE	V372					CA (US)
EN ROUTE	V460					CA (US)
EN ROUTE	V64					CA (US)
EN ROUTE	V94					CA (US)
IAP	VOR DME-A			BLH	BLYTHE	CA (US)
IAP	HI-TACAN Z RWY 24R			NKX	SAN DIEGO	CA (US)
STAR	ARLIN			CHD	CHANDLER	AZ (US)
STAR	BLYTHE			CHD	CHANDLER	AZ (US)
STAR	ARLIN			P19	CHANDLER	AZ (US)
STAR	BLYTHE			P19	CHANDLER	AZ (US)

STAR	ARLIN		FFZ	MESA	AZ (US)
STAR	ARLIN		DVT	PHOENIX	AZ (US)
STAR	BLYTHE		DVT	PHOENIX	AZ (US)
STAR	ARLIN		IWA	PHOENIX	AZ (US)
STAR	BLYTHE		IWA	PHOENIX	AZ (US)
STAR	ARLIN		PHX	PHOENIX	AZ (US)
STAR	BLYTHE		PHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)	2	PHX	PHOENIX	AZ (US)
STAR	ARLIN		SDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE		SDL	SCOTTSDALE	AZ (US)
STAR	CLOWD		PSP	PALM SPRINGS	CA (US)
STAR	SBONO		PSP	PALM SPRINGS	CA (US)
STAR	CLOWD		TRM	PALM SPRINGS	CA (US)
STAR	SBONO		TRM	PALM SPRINGS	CA (US)
STAR	CLOWD		UDD	PALM SPRINGS	CA (US)
STAR	SBONO		UDD	PALM SPRINGS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 21

DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

1. REMOVED BLH VOR/DME RWY 26 PROCEDURE FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: ARTHUR ULVESTAD

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BRRKK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343414.96N/1184633.55W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

DP
DP
DP
DP

USE TITLE

OROSZ (RNAV)
LADYJ (RNAV)
HAYEZ (RNAV)
WLKKR (RNAV)

FAC

PAT

AIRPORT IDENT

BUR
LAX
VNY
VNY

CITY

BURBANK
LOS ANGELES
VAN NUYS
VAN NUYS

STATE

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

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX USE: ADDED RNAV DP'S KLAX LADYJ AND KVNY HAYEZ.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: CONDS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341559.00N/1182959.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HAYEZ (RNAV)

FAC

PAT

AIRPORT IDENT
VNY

CITY
VAN NUYS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/07/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2012

OFFICE: AJV-353

NAME: JILL OLSON (DAVID DANNER)

APPROVED BY:

DATE: 11/27/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

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 FEET	MRA	MAA
1	AVENAL	AVE	VOR/DME	VH	086.46	102.46	24.80	24.80	4000	45000
2	GORMAN	GMN	VORTAC	VL	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)			BUR	BURBANK	CA (US)
DP	VAN NUYS	1, 2		BUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GORMAN	1, 2		LAX	LOS ANGELES	CA (US)
DP	LADYJ (RNAV)			LAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	POMONA	1, 2		ONT	ONTARIO	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CANOGA	1, 2		VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
DP	WLKKR (RNAV)			VNY	VAN NUYS	CA (US)
EN ROUTE	T259					(US)
EN ROUTE	V248	1				(US)
IAP	RNAV (GPS) RWY 12L			BFL	BAKERSFIELD	CA (US)
IAP	RNAV (GPS) RWY 12R			BFL	BAKERSFIELD	CA (US)
IAP	RNAV GPS RWY 33			DLO	DELANO	CA (US)
IAP	RNAV (GPS) RWY 12			MIT	SHAFTER	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 07/11/2024

REASON FOR REVISION:

1. CHANGED KDLO GPS RWY 32 TO RNAV GPS RWY 33 IN FIX-USE - MAGVAR UPDATE FOR KDLO.
2. ADDED KVNY HAYEZ (RNAV) DEPARTURE TO FIX USE.
3. ADDED "CONTROLLER LOW" TO REQUIRED CHARTING.

5/6/24: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 3/7/24.

1. ADDED "CONTROLLER HIGH" TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A422

NAME: JOSHUA LEETE

APPROVED BY:

DATE: 07/11/2024

OFFICE: AJV-A422

NAME: RAKE MCGRAW

SIGNATURE:

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)			BUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			LAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	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, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. DELETED "CONTROLLER" AND ADDED "CONTROLLER HIGH" IN REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A421

NAME: TARA MARTINELLI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: DECAS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334924.93N/1152723.80W

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	PALM SPRINGS	PSP	VORTAC	L	080.00	093.00	48.71	48.71	26000	45000
2	BLYTHE	BLH	VORTAC	VH	277.57	291.57	37.38	37.38	11000	45000

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PSP	VORTAC	R-080	49	26000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PALM SPRINGS (FAC 1) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BUCKEYE	1, 2		PHX	PHOENIX	AZ (US)
DP	SLAPP (RNAV)			BUR	BURBANK	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
EN ROUTE	J212	1				(US)
EN ROUTE	J65	2				(US)
STAR	CLOWD	2		PSP	PALM SPRINGS	CA (US)
STAR	SBONO	2		PSP	PALM SPRINGS	CA (US)
STAR	CLOWD	2		TRM	PALM SPRINGS	CA (US)
STAR	SBONO	2		TRM	PALM SPRINGS	CA (US)
STAR	CLOWD	2		UDD	PALM SPRINGS	CA (US)
STAR	SBONO	2		UDD	PALM SPRINGS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. CHANGED PSP MRA FROM "10000" TO "26000" IN FIX MAKE-UP FACILITIES.
2. BLH CLASS CHANGED FROM "H" TO "VH" IN FIX MAKEUP FACILITIES.
3. CHANGED BLH MRA FROM "10000" TO "11000" IN FIX MAKE-UP FACILITIES.
4. ADDED PSP ESV.
5. DELETED REMARK "ESV FOR PALM SPRINGS VORTAC AND BLYTHE VORTAC ON FILE FOR 45000".
6. ADD FAC 1 AND FAC 2 TO DP BUCKEYE AT PHX IN FIX USE.
7. ADDED STARS CLOWD AND SBONO AT TRM AND UDD IN FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: DANIEL JOHNSEN

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A421

NAME: TARA MARTINELLI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: DYSPO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342425.00N/1183649.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HAYEZ (RNAV)

FAC

PAT

AIRPORT IDENT
VNY

CITY
VAN NUYS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/07/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2012

OFFICE: AJV-353

NAME: JILL OLSON (DAVID DANNER)

APPROVED BY:

DATE: 11/27/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: FILLMORE VORTAC **STATE:** CA **COUNTRY:** US **ICAO REGION CODE:** K2

LATITUDE/LONGITUDE: 342124.10N/1185252.65W **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	FILLMORE	FIM	VORTAC	VL						45000

FIX RESTRICTIONS:

MCA V107 7500 NORTHWEST BOUND
MCA V299 7200 NORTHBOUND
MCA V597 6100 WESTBOUND
MCA V386 6100 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	S	FIM	VORTAC	195.08	015.08	R	1	6000 10000	5 9
2	NW	FIM	VORTAC	310.33	130.33	R	1	11000 41000	9 28

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	342154.00N/1184645.00W	3091	4E
1	310	AAO	342839.00N/1185154.00W	4685	4E
2	230	AAO	343045.10N/1190427.60W	6916	6A

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	308
1	200	131
2	230	375

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT OXR	CITY OXNARD	STATE CA (US)
1	CAMARILLO			

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAGVAR 15E/1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	OILDALE			BFL	BAKERSFIELD	CA (US)
DP	VAN NUYS			BUR	BURBANK	CA (US)
DP	ANAHEIM			FUL	FULLERTON	CA (US)
DP	ANAHEIM			LGB	LONG BEACH	CA (US)
DP	CHATY			LAX	LOS ANGELES	CA (US)
DP	CAMARILLO		1	OXR	OXNARD	CA (US)
DP	SKIFF			OXR	OXNARD	CA (US)
DP	BASEC			SNS	SALINAS	CA (US)
DP	SALINAS			SNS	SALINAS	CA (US)
DP	ANAHEIM			SNA	SANTA ANA	CA (US)
DP	KWANG			SBA	SANTA BARBARA	CA (US)
DP	SANTA BARBARA			SBA	SANTA BARBARA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	TAKEOFF MINIMUMS			SMO	SANTA MONICA	CA (US)
DP	TOPANGA (OBSTACLE)			SMO	SANTA MONICA	CA (US)
DP	CANOGA			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
DP	NEWHALL			VNY	VAN NUYS	CA (US)
EN ROUTE	J1		2			(US)
EN ROUTE	J7		2			(US)
EN ROUTE	T263					(US)
EN ROUTE	V107		2			(US)
EN ROUTE	V186					(US)
EN ROUTE	V299					(US)
EN ROUTE	V326					(US)
EN ROUTE	V386					(US)
EN ROUTE	V518					(US)
EN ROUTE	V597					(US)
IAP	FOUR STACKS VISUAL RWY 15			BUR	BURBANK	CA (US)
IAP	ILS Y OR LOC Y RWY 8			BUR	BURBANK	CA (US)

IAP	ILS Z OR LOC Z RWY 8	BUR	BURBANK	CA (US)
IAP	VOR RWY 8	BUR	BURBANK	CA (US)
IAP	VOR RWY 26	CMA	CAMARILLO	CA (US)
IAP	ILS OR LOC RWY 24L	LAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 24R	LAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6L	LAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 6R	LAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7L	LAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 7R	LAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R (CAT II & III)	LAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 6L	LAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 6R	LAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 7L	LAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 7R	LAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) RWY 12	WHP	LOS ANGELES	CA (US)
IAP	VOR-A	WHP	LOS ANGELES	CA (US)
IAP	ILS Y OR LOC/DME Y RWY 21	NTD	OXNARD	CA (US)
IAP	TACAN RWY 21	NTD	OXNARD	CA (US)
IAP	TACAN Y OR VOR/DME RWY 3	NTD	OXNARD	CA (US)
IAP	ILS OR LOC RWY 25	OXR	OXNARD	CA (US)
IAP	VOR RWY 25	OXR	OXNARD	CA (US)
IAP	ILS OR LOC RWY 7	SBA	SANTA BARBARA	CA (US)
IAP	VOR OR GPS RWY 25	SBA	SANTA BARBARA	CA (US)
IAP	VOR-A	SMO	SANTA MONICA	CA (US)
IAP	ILS Y RWY 16R	VNY	VAN NUYS	CA (US)
IAP	ILS Z RWY 16R	VNY	VAN NUYS	CA (US)
IAP	LDA-C	VNY	VAN NUYS	CA (US)
IAP	VOR-A	VNY	VAN NUYS	CA (US)
IAP	VOR-B	VNY	VAN NUYS	CA (US)
STAR	FERNANDO	BUR	BURBANK	CA (US)
STAR	GUERA (RNAV)	CMA	CAMARILLO	CA (US)
STAR	TANDY	LGB	LONG BEACH	CA (US)
STAR	TANDY	SLI	LOS ALAMITOS	CA (US)
STAR	BASET	LAX	LOS ANGELES	CA (US)
STAR	KIMMO	LAX	LOS ANGELES	CA (US)
STAR	MOORPARK	LAX	LOS ANGELES	CA (US)
STAR	OCEAN	LAX	LOS ANGELES	CA (US)
STAR	SADDE	LAX	LOS ANGELES	CA (US)
STAR	GUERA (RNAV)	NTD	OXNARD	CA (US)
STAR	GUERA (RNAV)	OXR	OXNARD	CA (US)
STAR	TANDY	SNA	SANTA ANA	CA (US)
STAR	FERNANDO	SMO	SANTA MONICA	CA (US)
STAR	KIMMO	SMO	SANTA MONICA	CA (US)
STAR	TANDY	TOA	TORRANCE	CA (US)
STAR	FERNANDO	VNY	VAN NUYS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 35

DATE OF REVISION: 03/19/2026

REASON FOR REVISION:

FIX USE: ADDED STAR TANDY AT KTOA AND KSLI.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: TODD DAMRON

APPROVED BY:

DATE: 02/12/2026

OFFICE: AJV-A432

NAME: CASIMIR TABAKA

SIGNATURE:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SLAPP (RNAV)			BUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			SNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			SNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. REMARKS: REMOVED NOTE - ATC COORDINATION FIX.
2. FIX USE: REMOVED DP OSHNN (RNAV) AT KLAX.
3. CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 03/04/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: HAYEZ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342240.00N/1183129.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HAYEZ (RNAV)

FAC

PAT

AIRPORT IDENT
VNY

CITY
VAN NUYS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/07/2013

REASON FOR REVISION:

09/26/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/04/12.
CHANGED COORDINATES FROM 342038.00N/1183102.00W TO 342240.00N/1183129.00W

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/26/2012

OFFICE: AJV-354

NAME: RALPH DUMAR

APPROVED BY:

DATE: 11/27/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

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: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM FEET	MRA	MAA
1	HECTOR	HEC	VORTAC	VH						45000

FIX RESTRICTIONS:

MCA V21 8200 NORTHEAST BOUND
 MCA V283 8200 NORTHEAST BOUND

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	1C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	151

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

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	EXCON (RNAV)			APV	APPLE VALLEY	CA (US)
DP	SLAPP (RNAV)			BUR	BURBANK	CA (US)
DP	VVERA (RNAV)			BUR	BURBANK	CA (US)
DP	DAGGETT			DAG	DAGGETT	CA (US)
DP	ANAHEIM			FUL	FULLERTON	CA (US)
DP	ANAHEIM			LGB	LONG BEACH	CA (US)
DP	ANAHEIM			SNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	SANTA MONICA (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
DP	ROSCOE (RNAV)			VNY	VAN NUYS	CA (US)
DP	VVERA (RNAV)			VNY	VAN NUYS	CA (US)
DP	OYODA (RNAV)			HND	LAS VEGAS	NV (US)
DP	MCCARRAN			LAS	LAS VEGAS	NV (US)
DP	RADYR (RNAV)			LAS	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			DAG	DAGGETT	CA (US)
IAP	VOR OR TACAN RWY 22			DAG	DAGGETT	CA (US)
IAP	HI-TACAN Y RWY 25			PMD	PALMDALE	CA (US)
STAR	COYOT			PHX	PHOENIX	AZ (US)
STAR	LYNXX			BUR	BURBANK	CA (US)
STAR	ZIGGY			CNO	CHINO	CA (US)
STAR	ZIGGY			AJO	CORONA	CA (US)
STAR	ZIGGY			EMT	EL MONTE	CA (US)
STAR	EMMLN			FUL	FULLERTON	CA (US)
STAR	KAYOH			FUL	FULLERTON	CA (US)
STAR	EMMLN			HHR	HAWTHORNE	CA (US)
STAR	ZIGGY			POC	LA VERNE	CA (US)
STAR	EMMLN			LGB	LONG BEACH	CA (US)

STAR	KAYOH	LGB	LONG BEACH	CA (US)
STAR	EMMLN	SLI	LOS ALAMITOS	CA (US)
STAR	KAYOH	SLI	LOS ALAMITOS	CA (US)
STAR	BASET	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	EMMLN	SNA	SANTA ANA	CA (US)
STAR	KAYOH	SNA	SANTA ANA	CA (US)
STAR	PITBL (RNAV)	SBA	SANTA BARBARA	CA (US)
STAR	KAYOH	TOA	TORRANCE	CA (US)
STAR	LYNXX	VNY	VAN NUYS	CA (US)
STAR	CRESO	LAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 27

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC CLASS FROM H TO VH.
2. FIX USE: CHANGED IAP NAME FROM HI-TACAN RWY 25 TO HI-TACAN Y RWY 25 AT KPMD.
3. FIX USE: REMOVED DP MAYSA (RNAV) AT AIRPORTS KCHD, KGEU, KGYR, KIWA, KPHX, AND KSDL.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RAYMOND JOHNSON

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

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)			BUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			LAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	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: 2

DATE OF REVISION: 12/07/2017

REASON FOR REVISION:

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

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

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: N **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	LAS VEGAS	LAS	VORTAC	VH						45000

FIX RESTRICTIONS:

MCA V105 10500 WESTBOUND

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 MIN	ALTITUDES MAX	TEMPLATES MIN	MAX
1	E	LAS	VORTAC	071.00	251.00	R	1		6000	17500	5	20

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	361003.00N/1150000.00W	3521	4E
1	310	AAO	361215.00N/1152530.00W	7054	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	360

HOLDING RESTRICTIONS:

PATTERN 1 310KT USE ABOVE 140 FOR MILITARY USE ONLY.
HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	SLAPP (RNAV)			BUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			SNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			SNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
DP	TAKEOFF MINIMUMS			HND	LAS VEGAS	NV (US)
DP	HOOVER			LAS	LAS VEGAS	NV (US)
DP	MCCARRAN			LAS	LAS VEGAS	NV (US)
DP	DREAM			LSV	LAS VEGAS	NV (US)
DP	MORMON MESA			LSV	LAS VEGAS	NV (US)
DP	BOULDER CITY (OBSTACLE)			VGT	LAS VEGAS	NV (US)
DP	NORTHTOWN			VGT	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 RWY 26L/R			LAS	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 12L			VGT	LAS VEGAS	NV (US)
IAP	ILS OR LOC RWY 12L		1	VGT	LAS VEGAS	NV (US)
STAR	JOMIX (RNAV)			HND	LAS VEGAS	NV (US)
STAR	CRESO			LAS	LAS VEGAS	NV (US)
STAR	LARKK			LAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 24

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. FIX USE: REMOVED "IAP VOR/DME-A" AT KLAS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: HENRY BRADSHAW

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A421

NAME: TARA MARTINELLI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LYDEY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342038.00N/1183102.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HAYEZ(RNAV)

FAC

PAT

AIRPORT IDENT
VNY

CITY
VAN NUYS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/07/2013

REASON FOR REVISION:

09/26/12: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 04/04/12.

1. CHANGED COORDINATES FROM 342240.00N/1183129.00W TO 342038.00N/1183102.00W

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2012

OFFICE: AJV-353

NAME: JILL OLSON (DAVID DANNER)

APPROVED BY:

DATE: 11/27/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: MDWAY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 345830.50N/1190349.98W

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	OROSZ (RNAV)			BUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			LAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	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: 3

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

1. CHANGED FIX NAME FROM KRAKR TO MDWAY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/17/2017

OFFICE: AJV-5423

NAME: KEVIN KESZLER

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: 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 FAC NM	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)			BUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			LAX	LOS ANGELES	CA (US)
DP	OSHNN (RNAV)			LAX	LOS ANGELES	CA (US)
DP	STHBY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			SNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			SNA	SANTA ANA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)
EN ROUTE	J100	1				(US)
EN ROUTE	J146	1				(US)
EN ROUTE	J9	1				(US)
STAR	NTNDO (RNAV)			HND	LAS VEGAS	NV (US)
STAR	RNDRZ (RNAV)			LAS	LAS VEGAS	NV (US)
STAR	NTNDO (RNAV)			VGT	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

1. FIX USE: REMOVED STARS GLRNO (RNAV) AND MDERA (RNAV) AT KLAS.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ZACHARY KRUEGER

APPROVED BY:

DATE: 01/16/2025

OFFICE: AJV-A431

NAME: ERIC N SUSKI

SIGNATURE:

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)			BUR	BURBANK	CA (US)
DP	ZOOMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	GARDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	ORCKA (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	FINZZ (RNAV)			SNA	SANTA ANA	CA (US)
DP	HOBOW (RNAV)			SNA	SANTA ANA	CA (US)
DP	MISHN (RNAV)			SBA	SANTA BARBARA	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	VAN NUYS	CA (US)

REQUIRED CHARTING: DP, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 06/17/2021

REASON FOR REVISION:

1. FIX USE: REMOVED DP OSHNN (RNAV) AT KLAX.
2. CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: TARA MARTINELLI

APPROVED BY:

DATE: 03/04/2021

OFFICE: AJV-A430

NAME: LONNIE EVERHART

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)			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: SHORS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344743.61N/1185607.37W

TYPE: WP

AIRSPACE DOCKET: N

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	OROSZ (RNAV)			BUR	BURBANK	CA (US)
DP	TOPMM (RNAV)			LGB	LONG BEACH	CA (US)
DP	LADYJ (RNAV)			LAX	LOS ANGELES	CA (US)
DP	WNNDY (RNAV)			LAX	LOS ANGELES	CA (US)
DP	SNSHN (RNAV)			ONT	ONTARIO	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CITRUS (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: 6

DATE OF REVISION: 10/29/2026

REASON FOR REVISION:

1. ADDED FIX USE "DP OROSZ (RNAV) BUR BURBANK CA (US)".

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A433

NAME: MATTHEW TOWNSEND

APPROVED BY:

DATE: 09/24/2026

OFFICE: AJV-A433

NAME: ROBERT HAMILTON

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TRAFF

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341801.00N/1183027.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HAYEZ (RNAV)

FAC

PAT

AIRPORT IDENT
VNY

CITY
VAN NUYS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 03/07/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 03/05/2012

OFFICE: AJV-353

NAME: JILL OLSON (DAVID DANNER)

APPROVED BY:

DATE: 11/27/2012

OFFICE: AJV-354

NAME: DEZ SILAGYI

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: WUXAK

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342550.00N/1182709.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HAYEZ (RNAV)

FAC

PAT

AIRPORT IDENT
VNY

CITY
VAN NUYS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/27/2013

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/11/2013

OFFICE: AJV-354

NAME: FRED BALLARD

APPROVED BY:

DATE: 04/18/2013

OFFICE: AJV-354

NAME: DEBORAH COPELAND

SIGNATURE:

DISTRIBUTION:

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

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)			BUR	BURBANK	CA (US)
DP	CHOII (RNAV)			SMO	SANTA MONICA	CA (US)
DP	CTRUS (RNAV)			SMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			VNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			VNY	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.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

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: