

# RADIO FIX AND HOLDING DATA RECORD

NAME: AMMOR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 324816.06N/1155629.04W

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
STAR	THRNE (RNAV)			KBUR	BURBANK	CA (US)
STAR	MDNYT (RNAV)			KLAX	LOS ANGELES	CA (US)
STAR	OLAAA (RNAV)			KLAX	LOS ANGELES	CA (US)
STAR	SNSTT (RNAV)			KLAX	LOS ANGELES	CA (US)
STAR	SCBBY (RNAV)			KONT	ONTARIO	CA (US)
STAR	THRNE (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: ADD STAR THRNE (RNAV) FOR KBUR AND KVNY.  
REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ARRYA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335234.36N/1163131.42W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

**REASON FOR REVISION:**

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BFOON

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340337.33N/1172641.23W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

**REMARKS:**

RETAIN BFOON FIX NAME FOR ATC/ZLA.

**FIX USE:**

**USE TYPE**

STAR

STAR

STAR

**USE TITLE**

THRNE (RNAV)

THRNE (RNAV)

THRNE (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KBUR

KSMO

KVNY

**CITY**

BURBANK

SANTA MONICA

VAN NUYS

**STATE**

CA (US)

CA (US)

CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/01/2018

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 09/01/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

OTHER:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: BRATH

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335827.03N/1170535.22W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: COHEE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333453.22N/1164854.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: CRCUS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340423.53N/1172954.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

## 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	NE		WP	061.29	241.29	R		10	12000	14000	15	15

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	341321.00N/1173509.00W	9049	4B

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	265	380

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 24L			KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 24R			KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 25L			KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 25R			KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 24R (CAT II & III)			KLAX	LOS ANGELES	CA (US)
IAP	ILS RWY 25L (CAT II & III)			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 24L			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 24R			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 25L			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (GPS) Y RWY 25R			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 24L			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 24R			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 25L			KLAX	LOS ANGELES	CA (US)
IAP	RNAV (RNP) Z RWY 25R			KLAX	LOS ANGELES	CA (US)
STAR	THRNE (RNAV)			KBUR	BURBANK	CA (US)
STAR	ANJLL (RNAV)		1	KLAX	LOS ANGELES	CA (US)
STAR	THRNE (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV)

HOLDING PATTERN TEMPLATE: MAX CHANGED FROM 16 TO 15.

CONTROLLING OBSTRUCTION: CHANGED AIRSPEED: FROM 280 TO 265, LAT/LONG: FROM 342019.22N/1175927.95W TO 341321.00N/1173509.00W, ELEV: FROM 9174 TO 9049, AND AC: FROM 4E TO 4B.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: DEWWW

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335031.65N/1160717.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
SCBBY (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KONT  
KVNY

CITY  
BURBANK  
ONTARIO  
VAN NUYS

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

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

**REASON FOR REVISION:**

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: DNERV

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335136.94N/1162129.39W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE(RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: DROGO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334842.05N/1154908.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: EDARD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340743.65N/1175127.93W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ERTLE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334743.04N/1165617.00W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: FOILD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334448.96N/1151029.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

**USE TYPE**

STAR  
STAR  
STAR

**USE TITLE**

THRNE (RNAV)  
SCBBY (RNAV)  
THRNE (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KBUR  
KONT  
KVNY

**CITY**

BURBANK  
ONTARIO  
VAN NUYS

**STATE**

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

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

**REASON FOR REVISION:**

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: CHRISTOPHER WILKINSON

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: IRONN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335643.16N/1165747.10W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

**REASON FOR REVISION:**

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: JOFRY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340742.84N/1180034.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

**REMARKS:**

RETAIN JOFRY FIX NAME FOR ATC/ZLA.

**FIX USE:**

**USE TYPE**

STAR

STAR

STAR

**USE TITLE**

THRNE (RNAV)

THRNE (RNAV)

THRNE (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KBUR

KSMO

KVNY

**CITY**

BURBANK

SANTA MONICA

VAN NUYS

**STATE**

CA (US)

CA (US)

CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/27/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/05/2016

OFFICE: AJV-5442

NAME: JON DENTON (JACOB MAXFIELD)

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

OTHER:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: LITNG

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335045.32N/1145443.84W

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 ALTITUDES MIN	ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	E		WP	084.04	264.04	L	10	17000	45000	17	30

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	335003.00N/1150221.00W	4013	4B

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	265	190

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

## HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERN

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	THRNE (RNAV)		1	KBUR	BURBANK	CA (US)
STAR	DSNEE (RNAV)		1	KLGB	LONG BEACH	CA (US)
STAR	ROOBY (RNAV)		1	KLGB	LONG BEACH	CA (US)
STAR	SCBBY (RNAV)		1	KONT	ONTARIO	CA (US)
STAR	DSNEE (RNAV)		1	KSNA	SANTA ANA	CA (US)
STAR	ROOBY (RNAV)		1	KSNA	SANTA ANA	CA (US)
STAR	THRNE (RNAV)		1	KVNY	VAN NUYS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: NNEDD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340902.59N/1180013.66W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: PHIYA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335213.73N/1165853.48W

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
STAR	THRNE (RNAV)			KBUR	BURBANK	CA (US)
STAR	DSNEE (RNAV)			KLGB	LONG BEACH	CA (US)
STAR	ROOBY (RNAV)			KLGB	LONG BEACH	CA (US)
STAR	DSNEE (RNAV)			KSNA	SANTA ANA	CA (US)
STAR	ROOBY (RNAV)			KSNA	SANTA ANA	CA (US)
STAR	THRNE (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: ADD THRNE STAR FOR KBUR AND KVNY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: PHRED

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333844.70N/1140718.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE  
STAR  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
SCBBY (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KONT  
KVNY

CITY  
BURBANK  
ONTARIO  
VAN NUYS

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

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: QUTIP

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334614.81N/1152436.17W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE  
STAR  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
SCBBY (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KONT  
KVNY

CITY  
BURBANK  
ONTARIO  
VAN NUYS

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

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: RNCHO

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 330250.26N/1162540.49W

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 ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	E		WP	108.75	288.75	L	10	16000 34000	16 25

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	325648.00N/1163624.00W	6700	4B

## PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	265	380

## REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

## HOLDING RESTRICTIONS:

HOLDING RESTRICTED TO ESTABLISHED PATTERN.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	THRNE (RNAV)			KBUR	BURBANK	CA (US)
STAR	MDNYT (RNAV)		1	KLAX	LOS ANGELES	CA (US)
STAR	OLAAA (RNAV)		1	KLAX	LOS ANGELES	CA (US)
STAR	SNSTT (RNAV)		1	KLAX	LOS ANGELES	CA (US)
STAR	SCBBY (RNAV)			KONT	ONTARIO	CA (US)
STAR	THRNE (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: ADD STAR THRNE (RNAV) FOR KBUR AND KVNY.  
COMBINED PAT 1 AND 2 USING ALTITUDES 16000-34000 AND UPDATED OBSTACLE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SMEGL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340639.28N/1175036.78W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: CANCEL

HOLDING:

HOLDING TYPE OF ACTION:

**REMARKS:**

RETAIN SMEGL FIX NAME FOR ATC/ZLA.

**FIX USE:**

**USE TYPE**

STAR

STAR

STAR

**USE TITLE**

THRNE (RNAV)

THRNE (RNAV)

THRNE (RNAV)

**FAC**

**PAT**

**AIRPORT IDENT**

KBUR

KSMO

KVNY

**CITY**

BURBANK

SANTA MONICA

VAN NUYS

**STATE**

CA (US)

CA (US)

CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/27/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/05/2016

OFFICE: AJV-5442

NAME: JON DENTON (JACOB MAXFIELD)

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

OTHER:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SNSTT

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 331208.21N/1163839.14W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

### USE TYPE

STAR  
STAR  
STAR  
STAR  
STAR

### USE TITLE

THRNE (RNAV)  
MDNYT (RNAV)  
SNSTT (RNAV)  
SCBBY (RNAV)  
THRNE (RNAV)

### FAC

### PAT

### AIRPORT IDENT

KBUR  
KLAX  
KLAX  
KONT  
KVNY

### CITY

BURBANK  
LOS ANGELES  
LOS ANGELES  
ONTARIO  
VAN NUYS

### STATE

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: ADD STAR THRNE (RNAV) FOR KBUR AND KVNY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

QUALITY  
35  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: SOLAY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333115.26N/1164648.60W

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
STAR	THRNE (RNAV)			KBUR	BURBANK	CA (US)
STAR	MDNYT (RNAV)			KLAX	LOS ANGELES	CA (US)
STAR	SNSTT (RNAV)			KLAX	LOS ANGELES	CA (US)
STAR	SCBBY (RNAV)			KONT	ONTARIO	CA (US)
STAR	THRNE (RNAV)			KVNY	VAN NUYS	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: ADD STAR THRNE (RNAV) FOR KBUR AND KVNY.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: THRNE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335946.58N/1171138.19W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

LAT/LONG: CHANGED FROM 335838.23N/1170548.56W TO 335946.58N/1171138.19W - FIXED MOVED 4.98 NM WEST.  
FIX USE: REMOVED KSMO STAR THRNE (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:





# RADIO FIX AND HOLDING DATA RECORD

NAME: VLLMA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334726.21N/1153607.07W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE  
STAR  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
SCBBY (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KONT  
KVNY

CITY  
BURBANK  
ONTARIO  
VAN NUYS

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

REQUIRED CHARTING: STAR, EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

## REASON FOR REVISION:

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

REQUIRED CHARTING: CHANGED FROM CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:



# RADIO FIX AND HOLDING DATA RECORD

NAME: YATZE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335349.49N/1163926.31W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

**FIX USE:**

USE TYPE  
STAR  
STAR

USE TITLE  
THRNE (RNAV)  
THRNE (RNAV)

FAC

PAT

AIRPORT IDENT  
KBUR  
KVNY

CITY  
BURBANK  
VAN NUYS

STATE  
CA (US)  
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/20/2025

**REASON FOR REVISION:**

FIX USE: REMOVED KSMO STAR THRNE (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: RICHARD CAMPBELL

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

