

RADIO FIX AND HOLDING DATA RECORD

NAME: CFLBQ

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335521.96N/1182024.58W

TYPE: CNF

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 7

FAC

PAT

AIRPORT IDENT
KHHH

CITY

HAWTHORNE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/03/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jul 27, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: DOODY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335342.42N/1180607.61W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 7

FAC

PAT

AIRPORT IDENT
KHHH

CITY
HAWTHORNE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/03/2022

INITIATED BY:

DATE:

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NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jun 21, 2022

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: INISH STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334514.08N/1183228.76W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SEAL BEACH	SLI	VORTAC	L	251.00	266.00	24.40	24.40	3000	17500
2	LOS ANGELES	LAX	VORTAC	H	192.00	207.00	12.04	12.04	3000	45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME	DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	W		WP	251.00	071.00	R		4	3000	6000	5	6
2	W	SLI	VORTAC	251.00	071.00	R	1		3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	334654.94N/1183217.49W	213	2C
1	310	AAO	334539.00N/1182300.00W	1323	3E
2	200	SHIP	334654.94N/1183217.49W	213	2C

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 29R	KTOA	TORRANCE	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
SEAL BEACH (FAC 1) AND LOS ANGELES (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V8	1, 2				(US)
IAP	RNAV (GPS) RWY 7			KHHR	HAWTHORNE	CA (US)
IAP	ILS OR LOC RWY 29R	1, 2	2	KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 11 L			KTOA	TORRANCE	CA (US)
IAP	RNAV (GPS) RWY 29R		1	KTOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

- FIX USE: ADDED IAP RNAV (GPS) RWY 7 KHHR CA
- REQUIRED CHARTING: ADDED CONTROLLER LOW
- CONTROLLING OBSTRUCTIONS: REMOVED UPN AND ASSOCIATED HOLDING RESTRICTIONS

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
OFFICE OF PRIMARY RESPONSIBILITY:		AJV-A432	NAME: APRIL SARMENTO
APPROVED BY:	DATE: 11/03/2022	OFFICE: AJV-A430	NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jun 21, 2022



RADIO FIX AND HOLDING DATA RECORD

NAME: JOHME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334947.07N/1184000.45W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 7

FAC

PAT

AIRPORT IDENT
KHHH

CITY
HAWTHORNE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/03/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jun 21, 2022

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MEANA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335338.51N/1183256.64W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 7

FAC

PAT

AIRPORT IDENT
KHHH

CITY
HAWTHORNE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/03/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jun 21, 2022

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: TANDY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334447.67N/1183929.06W

TYPE: WP, RADAR, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	SEAL BEACH	SLI	VORTAC	L	251.00	266.00	30.26	30.26	3000	17500
2	FILLMORE	FIM	VORTAC	L	148.00	163.00	38.20	38.20	3000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SEAL BEACH (FAC 1) AND FILLMORE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ZILLI (RNAV)			KLAX	LOS ANGELES	CA (US)
EN ROUTE	V8	1, 2				(US)
IAP	RNAV (GPS) RWY 7			KHHR	HAWTHORNE	CA (US)
STAR	LEGOZ (RNAV)			KCRQ	CARLSBAD	CA (US)
STAR	PCIFC (RNAV)			KLGB	LONG BEACH	CA (US)
STAR	TANDY	1, 2		KLGB	LONG BEACH	CA (US)
STAR	BASET	1, 2		KLAX	LOS ANGELES	CA (US)
STAR	LEENA	1, 2		KLAX	LOS ANGELES	CA (US)
STAR	LEGOZ (RNAV)			KNFG	OCEANSIDE	CA (US)
STAR	OHSEA (RNAV)			KSNA	SANTA ANA	CA (US)
STAR	TANDY	1, 2		KSNA	SANTA ANA	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 15

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

1. FIX USE: ADDED IAP RNAV (GPS) RWY 7 KHHR CA
2. REQUIRED CHARTING: ADDED IAP

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Jun 21, 2022

QUALITY
10
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: WILMA STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 334616.17N/1181534.16W TYPE: WP, INT, DME

AIRSPACE DOCKET: FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	LOS ANGELES	LAX	VORTAC	H	123.33	138.33	12.98	12.98	2300	17500
2	SEAL BEACH	SLI	VORTAC	L	251.00	266.00	10.27	10.27	2300	17500

FIX RESTRICTIONS:

MCA V8 2800 WESTBOUND
 MCA V64 2800 WESTBOUND
 SPECIAL AIRSHIP RNAV (GPS) 338, 64CL, CARSON, CA
 SPECIAL WILMA (RNAV), 64CL, CARSON, CA

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	SE	LAX	VORTAC	123.33	303.33	R	1	3000	6000
2	S	WP	WP	157.57	337.57	R	4	2700	6000

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	334451.00N/1182000.00W	1670	4E
1	310	AAO	334451.00N/1182000.00W	1670	4E
2	200	AAO	334451.00N/1181954.00W	1470	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	VOR RWY 11L	KTOA	TORRANCE	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT 1 OBSTACLE PRIMARY EQUIVALENT 1057.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WILMA (RNAV)			64CL	CARSON	CA (US)
DP	ANAHEIM	1, 2		KFUL	FULLERTON	CA (US)
DP	ANAHEIM	1, 2		KLGB	LONG BEACH	CA (US)
DP	ANAHEIM	1, 2		KSNA	SANTA ANA	CA (US)
EN ROUTE	V25	1, 2				(US)
EN ROUTE	V8-64	1, 2				(US)
IAP	AIRSHIP RNAV (GPS) 338		2	64CL	CARSON	CA (US)
IAP	VOR-A	2		KFUL	FULLERTON	CA (US)
IAP	RNAV (GPS) RWY 7			KHHR	HAWTHORNE	CA (US)
IAP	VOR RWY 11L	1, 2	1	KTOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10

DATE OF REVISION: 11/03/2022

REASON FOR REVISION:

1. FIX USE: ADDED IAP RNAV (GPS) RWY 7 KHHR CA
 2. REQUIRED CHARTING: ADDED CONTROLLER LOW

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AVJ-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA

Jun 21, 2022

QUALITY
 10
 CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: ZEFER

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335433.94N/1182908.09W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 7

FAC

PAT

AIRPORT IDENT
KHHH

CITY
HAWTHORNE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 11/03/2022

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: APRIL SARMENTO

APPROVED BY:

DATE: 11/03/2022

OFFICE: AJV-A430

NAME: CASIMIR TABAKA

SIGNATURE:

Digitally signed by
CASIMIR L TABAKA
Jun 21, 2022

