

RADIO FIX AND HOLDING DATA RECORD

NAME: CRAYN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340441.05N/1184710.15W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 11/30/2016

OFFICE: AJV-5442

NAME: JON DENTON (JACOB MAXFIELD)

APPROVED BY:

DATE:

OFFICE: AJV-5432

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: ELLBC

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350348.28N/1195001.16W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/29/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: GOONA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343802.26N/1191903.85W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
CA (US)
CA (US)

REQUIRED CHARTING: STAR, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 04/27/2017

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/29/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: GUDBY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343020.49N/1190949.56W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/28/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: JJAWS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 332355.53N/1181411.85W

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
OHSEA (RNAV)
RUKKI (RNAV)

FAC

PAT

AIRPORT IDENT
KSNA
KSNA

CITY
SANTA ANA
SANTA ANA

STATE
CA (US)
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KAYNN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333105.60N/1181955.30W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE

STAR
STAR
STAR
STAR

USE TITLE

BAUBB (RNAV)
PCIFC (RNAV)
OHSEA (RNAV)
RUKKI (RNAV)

FAC

PAT

AIRPORT IDENT

KLGB
KLGB
KSNA
KSNA

CITY

LONG BEACH
LONG BEACH
SANTA ANA
SANTA ANA

STATE

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: KLEVR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334147.70N/1175645.74W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE
IAP
STAR
STAR

USE TITLE
RNAV (RNP) Z RWY 20R
OHSEA (RNAV)
RUKKI (RNAV)

FAC

PAT

AIRPORT IDENT
KSNA
KSNA
KSNA

CITY

SANTA ANA
SANTA ANA
SANTA ANA

STATE

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

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: LAXBB

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333403.00N/1181040.80W

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

USE TITLE

BAUBB (RNAV)
PCIFC (RNAV)
OHSEA (RNAV)
RUKKI (RNAV)

FAC

PAT

AIRPORT IDENT

KLGB
KLGB
KSNA
KSNA

CITY

LONG BEACH
LONG BEACH
SANTA ANA
SANTA ANA

STATE

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MINOE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333015.37N/1175838.10W

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	SANTA ANA	I-SNA	LOC/DME		195.91	207.91	10.88	10.90	3000	4500
2	LOS ANGELES	LAX	VORTAC	VH	123.33	138.33	34.35	34.32	3000	17500
3	EL TORO	ELB	VOR/DME	T	216.25	230.25		16.06	3000	12000

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	I-SNA	LOC/DME	195.91	015.91	R	1		3000	4500	6	7
2	S		WP	195.97	015.97	R		4	3000	12000	5	13

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	SHIP	333118.00N/1175712.00W	280	2C
2	200	SHIP	333118.00N/1175712.00W	280	2C
2	310	AAO	333536.00N/1174857.00W	1172	4B

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (RNP) Z RWY 20R	KSNA	SANTA ANA	CA (US)

REMARKS:

SANTA ANA (FAC 1) AND LOS ANGELES (FAC 2) AND EL TORO (FAC 3) USED TO ESTABLISH FIX COORDINATES.
I-SNA DME ANTENNA: 333952.35N/1175230.06W.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	KRAUZ (RNAV)			CA55	MISSION VIEJO	CA (US)
SPECIAL IAP	COPTER RNAV (GPS) 06			CA55	MISSION VIEJO	CA (US)
EN ROUTE	V25	1, 2, 3				(US)
IAP	ILS OR LOC RWY 20R	1, 2	1	KSNA	SANTA ANA	CA (US)
IAP	ILS RWY 20R (SA CAT I)	1, 2	1	KSNA	SANTA ANA	CA (US)
IAP	LOC BC RWY 2L	1, 2		KSNA	SANTA ANA	CA (US)
IAP	RNAV (GPS) Y RWY 20R		2	KSNA	SANTA ANA	CA (US)
IAP	RNAV (GPS) Y RWY 2L			KSNA	SANTA ANA	CA (US)
IAP	RNAV (RNP) Z RWY 20R		2	KSNA	SANTA ANA	CA (US)
IAP	RNAV (RNP) Z RWY 2L			KSNA	SANTA ANA	CA (US)
STAR	OHSEA (RNAV)			KSNA	SANTA ANA	CA (US)
STAR	ROOBY (RNAV)			KSNA	SANTA ANA	CA (US)
STAR	RUKKI (RNAV)			KSNA	SANTA ANA	CA (US)

REQUIRED CHARTING: STAR, IAP, EN ROUTE LOW, SPECIAL IAP, SPECIAL DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 17

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AVJ-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: MMTLY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 353929.51N/1194049.65W

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

ROKKR (RNAV)
PCIFC (RNAV)
OHSEA (RNAV)
BONJO (RNAV)
IVINS (RNAV)

FAC

PAT

AIRPORT IDENT

KBUR
KLGB
KSNA
KSMO
KVNY

CITY

BURBANK
LONG BEACH
SANTA ANA
SANTA MONICA
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: 03/29/2018

REASON FOR REVISION:

FIX USE: REPLACED KVNY ROKKR STAR WITH KVNY IVINS STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/31/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: PCIFC

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341345.15N/1185045.59W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/28/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: PUZZL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 332152.78N/1180406.49W

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
OHSEA (RNAV)
RUKKI (RNAV)

FAC

PAT

AIRPORT IDENT
KSNA
KSNA

CITY
SANTA ANA
SANTA ANA

STATE
CA (US)
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: RCHEL

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343437.76N/1190428.71W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/30/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: REESR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344411.51N/1191033.25W

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
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
CA (US)
CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

EDITED FIX USE AT KLGB FROM PCIFC (STAR) TO PCIFC (RNAV).

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: TYLER MITCHELL

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A432

NAME: JOSEPH ZEDER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SAGER

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335513.11N/1174247.73W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: MODIFY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	SANTA ANA	I-SNA	LOC/DME		015.92	027.92	17.32	17.30		3500	4500
2	PARADISE	PDZ	VORTAC	VH	255.79	270.79		9.15		3500	4500
3	POMONA	POM	VORTAC	L	143.73	158.73		10.16		3500	4500
4	SEAL BEACH	SLI	VORTAC	VL	049.22	064.22		18.94		3500	4500

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	N	I-SNA	LOC/DME	015.92	195.92	R	1	3500 4500	5 6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	335101.40N/1173914.00W	3245	2C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

SANTA ANA (FAC 1) AND SEAL BEACH (FAC 4) USED TO ESTABLISH FIX COORDINATES.

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

I-SNA DME ANTENNA: 333952.35N/1175230.06W.

HOLDING PAT 1 OBSTRUCTION IS 7,948FT INTO THE SECONDARY AREA; EQUIVALENT OBSTRUCTION ALTITUDE IS 2417 MSL.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 20R	1, 2, 3, 4	1	KSNA	SANTA ANA	CA (US)
IAP	ILS RWY 20R (SA CAT I)	1, 2, 3, 4	1	KSNA	SANTA ANA	CA (US)
IAP	RNAV (GPS) Y RWY 20R			KSNA	SANTA ANA	CA (US)
STAR	OHSEA (RNAV)			KSNA	SANTA ANA	CA (US)
STAR	RUKKI (RNAV)			KSNA	SANTA ANA	CA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX MAKE-UP FACILITIES: CHANGED FAC 2 CLASS FROM H TO VH.. CHANGED FAC 4 CLASS FROM L TO VL.

2. FIX USE: ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SHOLN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342651.39N/1185926.98W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/28/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: SIPPP

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335432.58N/1184314.60W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/28/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

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: STYFF

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 333118.00N/1182756.40W

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

USE TITLE

BAUBB (RNAV)
PCIFC (RNAV)
OHSEA (RNAV)
RUKKI (RNAV)

FAC

PAT

AIRPORT IDENT

KLGB
KLGB
KSNA
KSNA

CITY

LONG BEACH
LONG BEACH
SANTA ANA
SANTA ANA

STATE

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

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 12/26/2024

REASON FOR REVISION:

1. FIX USE: REMOVED TILLT (RNAV) STAR @ KSNA. ADDED RUKKI (RNAV) STAR @ KSNA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: MICHAEL GARRITY

APPROVED BY:

DATE: 12/26/2024

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: YORBS

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342407.71N/1190235.65W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
STAR
STAR

USE TITLE
PCIFC (RNAV)
OHSEA (RNAV)

FAC

PAT

AIRPORT IDENT
KLGB
KSNA

CITY
LONG BEACH
SANTA ANA

STATE
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: 12/28/2016

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE:

OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE:

DISTRIBUTION:

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