

RADIO FIX AND HOLDING DATA RECORD

NAME: ARRAN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341307.59N/1171008.25W

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	FEET	MRA	MAA
1	PALMDALE	PMD	VORTAC	H	103.84	118.84	50.83	50.83		10500	17500
2	PARADISE	PDZ	VORTAC	VH	029.90	044.90	25.45	25.45		10500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PMD	VORTAC	R-104	51	10000	17000

FIX RESTRICTIONS:

MCA V137 12000 EASTBOUND

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

REMARKS:

PALMDALE (FAC 1) AND PARADISE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V137					(US)
EN ROUTE	V21	1, 2				(US)
EN ROUTE	V8	1, 2				(US)
IAP	RNAV (RNP) X RWY 6			KSBD	SAN BERNARDINO	CA (US)
STAR	ZIGGY	2		KCNO	CHINO	CA (US)
STAR	ZIGGY	2		KAJO	CORONA	CA (US)
STAR	ZIGGY	2		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	2		KPOC	LA VERNE	CA (US)
STAR	JCKIE (RNAV)			KONT	ONTARIO	CA (US)
STAR	ZIGGY	2		KONT	ONTARIO	CA (US)
STAR	ZIGGY	2		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	2		KSBD	SAN BERNARDINO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 14

DATE OF REVISION: 05/16/2024

REASON FOR REVISION:

REMOVED UNPLANNED HOLDING AND ASSOCIATED NOTE.

FAC2 2 CLASS CHANGED FROM H TO VH.

ADDED RNAV (RNP) X RWY 6 AT KSBD TO FIX USE.

ADDED IAP TO REQUIRED CHARTING.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A441

NAME: CHRIS MCCARTHY

APPROVED BY:

DATE: 05/16/2024

OFFICE: AJV-A441

NAME: DONALD LANIER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: BULGY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344004.17N/1163719.00W

TYPE: WP, INT, DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: NO CHANGE

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	HECTOR	HEC	VORTAC	H	210.51	225.51	11.03	11.03		7000	17500
2	DAGGETT	DAG	VORTAC	L	172.00	187.00	17.78	17.78		8000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

HECTOR (FAC 1) AND DAGGETT (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V21	1, 2				CA (US)
EN ROUTE	V283	1, 2				CA (US)
EN ROUTE	V587	1, 2				CA (US)
EN ROUTE	V8	1, 2				CA (US)
IAP	RNAV (GPS) RWY 26			KDAG	DAGGETT	CA (US)
IAP	RNAV (RNP) Y RWY 13R			KPSP	PALM SPRINGS	CA (US)
STAR	ZIGGY	1, 2		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2		KEMT	EL MONTE	CA (US)
STAR	KAYOH	1, 2		KFUL	FULLERTON	CA (US)
STAR	ZIGGY	1, 2		KPOC	LA VERNE	CA (US)
STAR	KAYOH	1, 2		KLGB	LONG BEACH	CA (US)
STAR	KAYOH	1, 2		KSLI	LOS ALAMITOS	CA (US)
STAR	ZIGGY	1, 2		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2		KSBD	SAN BERNARDINO	CA (US)
STAR	KAYOH	1, 2		KSNA	SANTA ANA	CA (US)
STAR	KAYOH	1, 2		KTOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

ADDED KONT, KCNO, KAJO, KEMT, KPOC, KRAL AND KSBD TO FIX USE ZIGGY STAR.

2/23/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 2/17/2017.

1. ADDED STAR TO REQUIRED CHARTING ON BULGY 8260-2.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 11/30/2016

OFFICE: AJV-5433

NAME: SYLVAN DRAKES

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: LOS ANGELES APP CON, PSP APP CON, SOCAL APP CON

OTHER:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 345744.85N/1163441.40W 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	DAGGETT	DAG	VORTAC	L							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	NE	DAG	VORTAC	043.60	223.60	L	1		5000	14000	5	11

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	345527.00N/1162548.00W	3462	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 SPECIAL USE AREAS

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER R-2502E AND/OR SILVER MOA AND/OR BARSTOW MOA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED MAGVAR: 15E/1975.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	VVERA (RNAV)			KBUR	BURBANK	CA (US)
DP	DAGGETT			KDAG	DAGGETT	CA (US)
DP	TAKEOFF MINIMUMS			KDAG	DAGGETT	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	SEBBY			KLAX	LOS ANGELES	CA (US)
DP	POMONA			KONT	ONTARIO	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	MUSEL			KSNA	SANTA ANA	CA (US)
DP	SANTA MONICA (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL			KVNY	VAN NUYS	CA (US)
DP	ROSCOE (RNAV)			KVNY	VAN NUYS	CA (US)
DP	VVERA (RNAV)			KVNY	VAN NUYS	CA (US)
EN ROUTE	J100					(US)
EN ROUTE	J146					(US)
EN ROUTE	J9					(US)
EN ROUTE	V394					(US)
EN ROUTE	V587		1			CA (US)
IAP	VOR OR TACAN RWY 22			KDAG	DAGGETT	CA (US)
STAR	LYNXX			KBUR	BURBANK	CA (US)
STAR	ZIGGY			KCNO	CHINO	CA (US)
STAR	ZIGGY			KAJO	CORONA	CA (US)
STAR	ZIGGY			KEMT	EL MONTE	CA (US)
STAR	EMMLN			KFUL	FULLERTON	CA (US)
STAR	KAYOH			KFUL	FULLERTON	CA (US)
STAR	EMMLN			KHHR	HAWTHORNE	CA (US)
STAR	ZIGGY			KPOC	LA VERNE	CA (US)
STAR	EMMLN			KLGB	LONG BEACH	CA (US)
STAR	KAYOH			KLGB	LONG BEACH	CA (US)
STAR	EMMLN			KSLI	LOS ALAMITOS	CA (US)
STAR	ZIGGY			KONT	ONTARIO	CA (US)
STAR	ZIGGY			KRAL	RIVERSIDE	CA (US)
STAR	MARCH			KRIV	RIVERSIDE	CA (US)
STAR	ZIGGY			KSBD	SAN BERNARDINO	CA (US)
STAR	EMMLN			KSNA	SANTA ANA	CA (US)
STAR	KAYOH			KSNA	SANTA ANA	CA (US)
STAR	KAYOH			KTOA	TORRANCE	CA (US)
STAR	CRESO			KLAS	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO**RECORD REVISION NUMBER: 22****DATE OF REVISION: 06/15/2023****REASON FOR REVISION:**

FIX MAKE-UP: CHANGED FAC DAG MAA FROM 17500 TO 45000.

FIX USE: REMOVED DP OSHNN (RNAV) AT KLAX AND STAR JOMIX (RNAV) AT KHND.

CHARTING: ADDED CONTROLLER HIGH AND ENROUTE HIGH.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A442

NAME: TARA MARTINELLI**APPROVED BY:****DATE: 06/15/2023****OFFICE: AJV-A442****NAME: DAVID DANNER****SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: DAWNA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341553.92N/1170647.02W

TYPE: 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	FEET	MRA	MAA
1	PARADISE	PDZ	VORTAC	H	029.90	044.90	29.37	29.37		10500	17500
2	HOMELAND	HDF	VOR	L	353.00	007.00		29.49		10500	17500

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	NE	PDZ	VORTAC	029.90	209.90	L	1-1 1/2	11000 17500	11 18

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	200' AAO	341533.70N/1170019.60W	8735	4E

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST

REMARKS:

PARADISE (FAC 1) AND HOMELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.
HOLDING LIMITED TO ESTABLISHED PATTERN
PAT 1 DME HOLDING ONLY, INTERSECTION DOES NOT MEET HOLDING CRITERIA.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V21					CA (US)
EN ROUTE	V283					CA (US)
EN ROUTE	V587					CA (US)
EN ROUTE	V8					CA (US)
STAR	ZIGGY	1, 2		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2		KEMT	EL MONTE	CA (US)
STAR	KAYOH	1, 2		KFUL	FULLERTON	CA (US)
STAR	ZIGGY	1, 2		KPOC	LA VERNE	CA (US)
STAR	KAYOH	1, 2		KLGB	LONG BEACH	CA (US)
STAR	KAYOH	1, 2		KSLI	LOS ALAMITOS	CA (US)
STAR	BASET	1	1	KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY	1, 2		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2		KSBD	SAN BERNARDINO	CA (US)
STAR	KAYOH	1, 2		KSNA	SANTA ANA	CA (US)
STAR	KAYOH	1, 2		KTOA	TORRANCE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 11

DATE OF REVISION: 12/07/2017

REASON FOR REVISION:

PAT 1 HOLDING: CHANGED MIN/MAX TEMPLATES FROM 10/17; REMOVED DME LEG LENGTH AND ADDED TIMED HOLDING.
FIX USE: REMOVED KLAX REDEYE STAR.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 07/27/2017

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: FLAVR

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 342545.34N/1173721.33W

TYPE: DME

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FEET	MRA	MAA
1	PALMDALE	PMD	VORTAC	H	103.84	118.84	25.00	25.00		10700	17500

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ZIGGY	1		KCNO	CHINO	CA (US)
STAR	ZIGGY	1		KAJO	CORONA	CA (US)
STAR	ZIGGY	1		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1		KSBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

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-5433

NAME: SYLVAN DRAKES

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

DISTRIBUTION:

NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: SOCAL APP CON
OTHER: KONT ATCT, KRIV ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: GAREY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340958.79N/1171356.04W

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 NM	FAC FEET	MRA	MAA
1	PARADISE	PDZ	VORTAC	H	029.90	044.90	21.00	21.00		8000	17500
2	HOMELAND	HDF	VOR	L	340.29	354.29		23.48		8000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PARADISE (FAC 1) AND HOMELAND (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V21	1, 2				(US)
EN ROUTE	V8	1, 2				CA (US)
IAP	RNAV (GPS) RWY 18			F70	MURRIETA/TEMECULA	CA (US)
IAP	RNAV (RNP) Z RWY 26L			KONT	ONTARIO	CA (US)
IAP	RNAV (RNP) Z RWY 26R			KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1, 2		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1, 2		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2		KSBD	SAN BERNARDINO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

ADDED WP TO FIX TYPE.
UPDATED FIX USE.

3/10/2017: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 2/15/2017.
1. REMOVED V283 AND V587 FROM FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 08/22/2016

OFFICE: AJV-5411

NAME: ROBERT HAMILTON

APPROVED BY:

DATE:

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

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

STAR	ZIGGY	KAJO	CORONA	CA (US)
STAR	ZIGGY	KEMT	EL MONTE	CA (US)
STAR	EMMLN	KFUL	FULLERTON	CA (US)
STAR	KAYOH	KFUL	FULLERTON	CA (US)
STAR	EMMLN	KHHR	HAWTHORNE	CA (US)
STAR	ZIGGY	KPOC	LA VERNE	CA (US)
STAR	EMMLN	KLGB	LONG BEACH	CA (US)
STAR	KAYOH	KLGB	LONG BEACH	CA (US)
STAR	EMMLN	KSLI	LOS ALAMITOS	CA (US)
STAR	KAYOH	KSLI	LOS ALAMITOS	CA (US)
STAR	BASET	KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY	KONT	ONTARIO	CA (US)
STAR	ZIGGY	KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	KSBD	SAN BERNARDINO	CA (US)
STAR	EMMLN	KSNA	SANTA ANA	CA (US)
STAR	KAYOH	KSNA	SANTA ANA	CA (US)
STAR	PITBL (RNAV)	KSBA	SANTA BARBARA	CA (US)
STAR	KAYOH	KTOA	TORRANCE	CA (US)
STAR	LYNX	KVNY	VAN NUYS	CA (US)
STAR	CRESO	KLAS	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: 01/25/2024

REASON FOR REVISION:

HOLDING: CHANGED PAT 1 OBST FROM A 4827 AAO TO 4771 AAO AND CHANGED THE PR ADJUSTMENT FROM 151 TO 250.

FIX USE: ADDED KVCV RNAV (GPS) RWY 3.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A431

NAME: ANDRE TUCKER

APPROVED BY:

DATE: 11/30/2023

OFFICE: AJV-A430

NAME: ERIC N SUSKI

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: HITOP

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341758.70N/1172033.18W

TYPE: 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 FEET	MRA	MAA
1	PALMDALE	PMD	VORTAC	H	103.84	118.84	40.93	40.93	8000	17500
2	HOMELAND	HDF	VOR	L	332.00	346.00		32.31	8000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PMD	VORTAC	R-104	41	8000	17000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE (US)
EN ROUTE	V137	1, 2				CA (US)
STAR	ZIGGY	1, 2		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1, 2		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1, 2		KONT	ONTARIO	CA (US)
STAR	SIZLR (RNAV)			KPSP	PALM SPRINGS	CA (US)
STAR	SIZLR (RNAV)			KTRM	PALM SPRINGS	CA (US)
STAR	SIZLR (RNAV)			KUDD	PALM SPRINGS	CA (US)
STAR	ZIGGY	1, 2		KRAL	RIVERSIDE	CA (US)
STAR	MARCH	1, 2		KRIV	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2		KSBD	SAN BERNARDINO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6

DATE OF REVISION: 06/20/2019

REASON FOR REVISION:

FIX USE: DELETED HITOP STAR.

REQUIRED CHARTING: ADDED CONTROLLER HIGH/LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: JOSEPH ZEDER

APPROVED BY:

DATE:

OFFICE: AJV-A44

NAME: MARLON ROBINSON

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL APP CON

OTHER: KONT ATCT, KRIV ATCT

RADIO FIX AND HOLDING DATA RECORD

NAME: NITIY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341037.95N/1171820.13W

TYPE: INT

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	HOMELAND	HDF	VOR	L	332.00	346.00		24.75		6300	17500
2	POMONA	POM	VORTAC	L	061.00	076.00		24.70		6300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ZIGGY	1, 2		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1, 2		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1, 2		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2		KSBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 06/25/2015

REASON FOR REVISION:

ADDED FACS 1 AND 2 NM DISTANCE.
REFORMATTED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/01/2015

OFFICE: AJV-354

NAME: DAVID DOWLING

APPROVED BY:

DATE: 04/24/2015

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

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

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 343753.03N/1180349.76W **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	PALMDALE	PMD	VORTAC	H						45000

FIX RESTRICTIONS:

MCA V197 8700 SOUTHEAST BOUND
MCA V137 7000 EASTBOUND

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	PMD	VORTAC	103.84	283.84	R	1	4500 17500	5 16
2	W	PMD	VORTAC	269.92	089.92	L	1	7000 11000	8 9
3	NE		WP	067.00	247.00	L		7200 14000	9 15
4	NE	PMD	VORTAC	067.00	247.00	L	1	4500 8000	5 8
5	NE	PMD	VORTAC	067.00	247.00	L	1	8700 10700	9 15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	343548.00N/1175139.00W	3488	4E
2	230	AAO	343403.00N/1181530.00W	5095	4E
3	230	AAO	343151.00N/1180857.00W	4721	4E
3	310	AAO	242515.00N/1175630.00W	6847	4E
4	200	AAO	343551.00N/1175145.00W	3452	4E
5	230	AAO	343151.00N/1180857.00W	4721	4E
5	310	AAO	342515.00N/1175630.00W	6847	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
3	310	270
3	230	120
5	310	270
5	230	120

REASON FOR NONSTANDARD HOLDING:

PAT 2 AIRSPACE
PAT 3 TERRAIN
PAT 4 TERRAIN
PAT 5 TERRAIN

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
3	RNAV (GPS) RWY 24	KWJF	LANCASTER	CA (US)
5	PALMDALE (OBSTACLE)	KWJF	LANCASTER	CA (US)

REMARKS:

ASSIGNED MAGVAR: 15E/1980.
PRECIPITOUS TERRAIN EVALUATION COMPLETED.
CONTACT HIGH DESERT TRACON FOR APPROVAL PRIOR TO HOLDING.
PAT 2 USED BY ATC FOR FLOW CONTROL.
PAT 3 AND PAT 5 310K OBSTACLE LOCATED 1.76 NM INTO SECONDARY AREA - PRIMARY EQUIVALANT VALUE 5907 FT.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
DP	EXCON (OBSTACLE) (RNAV)			KAPV	APPLE VALLEY	CA (US)
DP	OILDALE			KBFL	BAKERSFIELD	CA (US)
DP	VAN NUYS			KBUR	BURBANK	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	PALMDALE (OBSTACLE)		5	KWJF	LANCASTER	CA (US)
DP	TAKEOFF MINIMUMS			KWJF	LANCASTER	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	GLAZY (RNAV)			KMHV	MOJAVE	CA (US)
DP	JERID (RNAV)			KMHV	MOJAVE	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS			KPMD	PALMDALE	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)

DP	NEWHALL		KVNY	VAN NUYS	CA (US)
DP	TAKEOFF MINIMUMS		KVCV	VICTORVILLE	CA (US)
EN ROUTE	J6				(US)
EN ROUTE	J65				(US)
EN ROUTE	V12				(US)
EN ROUTE	V137				(US)
EN ROUTE	V197				(US)
EN ROUTE	V201				(US)
EN ROUTE	V386				(US)
EN ROUTE	V518				(US)
IAP	RNAV (GPS) RWY 24	3	KWJF	LANCASTER	CA (US)
IAP	VOR-B	4	KWJF	LANCASTER	CA (US)
IAP	RNAV (GPS) RWY 4		KMHV	MOJAVE	CA (US)
IAP	RNAV GPS RWY 30		KMHV	MOJAVE	CA (US)
IAP	HI-ILS OR LOC/DME RWY 25		KPMD	PALMDALE	CA (US)
IAP	HI-TACAN RWY 25		KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 25		KPMD	PALMDALE	CA (US)
IAP	VOR OR TACAN RWY 25	1	KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 17		KVCV	VICTORVILLE	CA (US)
IAP	VOR/DME RWY 17		KVCV	VICTORVILLE	CA (US)
STAR	FASTO		KBFL	BAKERSFIELD	CA (US)
STAR	JANNY (RNAV)		KBUR	BURBANK	CA (US)
STAR	LYNXX		KBUR	BURBANK	CA (US)
STAR	GUERA (RNAV)		KCMA	CAMARILLO	CA (US)
STAR	ZIGGY		KCNO	CHINO	CA (US)
STAR	ZIGGY		KAJO	CORONA	CA (US)
STAR	ZIGGY		KEMT	EL MONTE	CA (US)
STAR	EMMLN		KFUL	FULLERTON	CA (US)
STAR	EMMLN		KHHR	HAWTHORNE	CA (US)
STAR	ZIGGY		KPOC	LA VERNE	CA (US)
STAR	EMMLN		KLGB	LONG BEACH	CA (US)
STAR	EMMLN		KSLI	LOS ALAMITOS	CA (US)
STAR	KIMMO		KLAX	LOS ANGELES	CA (US)
STAR	SADDE		KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY		KONT	ONTARIO	CA (US)
STAR	GUERA (RNAV)		KNTD	OXNARD	CA (US)
STAR	GUERA (RNAV)		KOXR	OXNARD	CA (US)
STAR	ZIGGY		KRAL	RIVERSIDE	CA (US)
STAR	MARCH		KRIV	RIVERSIDE	CA (US)
STAR	ZIGGY		KSBD	SAN BERNARDINO	CA (US)
STAR	EMMLN		KSNA	SANTA ANA	CA (US)
STAR	JANNY (RNAV)		KVNY	VAN NUYS	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: 27

DATE OF REVISION: 01/25/2024

REASON FOR REVISION:

V518 MCA REMOVED

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A423

NAME: TAYLOR GIBSON

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A423

NAME: ALLAN WILL

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 335506.01N/1173147.99W 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	PARADISE	PDZ	VORTAC	H						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	NE	PDZ	VORTAC	030.00	210.00	R	1	3500 17500	4 16
2	E	PDZ	VORTAC	078.00	258.00	R	1	3100 17500	4 16
3	E		WP	080.00	260.00	R		3300 17500	5 17
4	E	PDZ	VORTAC	089.00	269.00	R	1	4600 17500	5 16
5	E	PDZ	VORTAC	078.00	258.00	R	1	4700 17500	5 16
6	E		WP	078.00	258.00	R		4700 17500	6 17
7	NE	PDZ	VORTAC	030.00	210.00	R	1	4000 17500	4 16
8	E		WP	075.14	255.14	R		3500 4000	4 4
9	E		WP	080.00	260.00	R		4700 17500	6 17

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	340203.00N/1172639.00W	2487	4E
2	200	AAO	335215.00N/1172818.00W	2041	4E
2	310	AAO	334818.00N/1173612.00W	3645	4E
3	200	AAO	335757.00N/1171721.00W	3142	2E
3	310	TOWER (06-002516)	334743.06N/1173632.00W	4100	5E
4	200	AAO	335215.00N/1172818.00W	2041	4E
4	310	AAO	334748.50N/1173614.80W	4207	6A
5	200	AAO	335800.00N/1171718.00W	3160	4E
5	310	AAO	334748.50N/1173614.80W	4207	2C
6	200	TOWER (06-002098)	335755.00N/1171706.00W	3242	5E
7	200	AAO	340203.00N/1172639.00W	2487	4E
7	310	AAO	341254.00N/1173233.00W	6677	4E
8	175	AAO	335218.00N/1172821.00W	1988	5E
9	200	TOWER (06-217090)	335757.43N/1171709.10W	3284	4D
9	310	AAO	334745.00N/1173624.00W	4157	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	310	114
3	200	140
3	310	200
4	310	101
5	200	130
5	310	200
7	200	150
7	310	346
9	200	150
9	310	210

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KONT	ONTARIO	CA (US)
2	TAKEOFF MINIMUMS	KCNO	CHINO	CA (US)
2	VOR OR GPS-A	KAJO	CORONA	CA (US)
4	VOR-A	KRAL	RIVERSIDE	CA (US)
5	RIVERSIDE (OBSTACLE)	KRAL	RIVERSIDE	CA (US)
5	TAKEOFF MINIMUMS	KRIR	RIVERSIDE/RUBIDOUX	CA (US)
5	LOC Y RWY 6	KSBD	SAN BERNARDINO	CA (US)
5	ILS OR LOC Z RWY 6	KSBD	SAN BERNARDINO	CA (US)
5	TAKEOFF MINIMUMS	KCCB	UPLAND	CA (US)
7	TAKEOFF MINIMUMS	KAJO	CORONA	CA (US)
7	TAKEOFF MINIMUMS	KEMT	EL MONTE	CA (US)
7	TAKEOFF MINIMUMS	KREI	REDLANDS	CA (US)
7	TAKEOFF MINIMUMS	KSBD	SAN BERNARDINO	CA (US)
9	RNAV (GPS) Y RWY 26R	KONT	ONTARIO	CA (US)
9	RNAV (GPS) Y RWY 26L	KONT	ONTARIO	CA (US)
9	RNAV (GPS) Y RWY 8L	KONT	ONTARIO	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PDZ VORTAC MAGVAR: 15E 1965.

PATTERNS 3 200K CONTROLLING OBSTACLES LOCATED 11969.95 FT INTO SECONDARY AREA -PRIMARY EQUIVALENT VALUE 2149.21 FT.

PATTERNS 5 200K CONTROLLING OBSTACLES LOCATED 11956.58 FT INTO SECONDARY AREA -PRIMARY EQUIVALENT VALUE 2167.37 FT.

PATTERN 4 310K CONTROLLING OBSTACLE LOCATED 7291.1 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 3407.01 FT - PAT 13 USED FOR CIH EVALUATION.

PATTERN 5 310K CONTROLLING OBSTACLE LOCATED 7023.75 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 3417.81 FT - PAT 13 USED FOR CIH EVALUATION.

PATTERN 6 200K CONTROLLING OBSTACLE LOCATED 8020.23 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 2409.01 FT.

PATTERN 6 310K CONTROLLING OBSTACLE LOCATED 3985.69 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 3543.01 FT - PAT 14 USED FOR CIH EVALUATION.

PATTERN 7 310K CONTROLLING OBSTACLE LOCATED 9864.62 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 5770.50 FT - PAT 14 USED FOR CIH EVALUATION.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL DP	LEHNO (RNAV)			4CL9	COLTON	CA (US)
SPECIAL DP	CASOG (RNAV)			CA28	MORENO VALLEY	CA (US)
SPECIAL IAP	COPTER RNAV (GPS) 34		8	4CL9	COLTON	CA (US)
SPECIAL IAP	COPTER RNAV (GPS) 13		8	CA28	MORENO VALLEY	CA (US)
DP	TAKEOFF MINIMUMS		2	KCNO	CHINO	CA (US)
DP	TAKEOFF MINIMUMS		7	KAJO	CORONA	CA (US)
DP	TAKEOFF MINIMUMS		7	KEMT	EL MONTE	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	NIKKL			KONT	ONTARIO	CA (US)
DP	TAKEOFF MINIMUMS		1	KONT	ONTARIO	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS		7	KREI	REDLANDS	CA (US)
DP	RIVERSIDE (OBSTACLE)		5	KRAL	RIVERSIDE	CA (US)
DP	TAKEOFF MINIMUMS		5	KRIR	RIVERSIDE/RUBIDOUX	CA (US)
DP	TAKEOFF MINIMUMS		7	KSBD	SAN BERNARDINO	CA (US)
DP	PEBLE			KSAN	SAN DIEGO	CA (US)
DP	ANAHEIM			KSNA	SANTA ANA	CA (US)
DP	EL TORO			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	MUSEL			KSNA	SANTA ANA	CA (US)
DP	TAKEOFF MINIMUMS		5	KCCB	UPLAND	CA (US)
DP	ADAMM			KVNY	VAN NUYS	CA (US)
EN ROUTE	J50					(US)
EN ROUTE	J60					(US)
EN ROUTE	J74					(US)
EN ROUTE	J93					(US)
EN ROUTE	J96					(US)
EN ROUTE	T306					(US)
EN ROUTE	V16					(US)
EN ROUTE	V186					(US)
EN ROUTE	V197					(US)
EN ROUTE	V21					(US)
EN ROUTE	V370					(US)
EN ROUTE	V388					(US)
EN ROUTE	V442					(US)
EN ROUTE	V8					(US)
IAP	ILS OR LOC RWY 26R			KCNO	CHINO	CA (US)
IAP	RNAV (GPS) RWY 26R			KCNO	CHINO	CA (US)
IAP	VOR RWY 26R			KCNO	CHINO	CA (US)
IAP	VOR OR GPS-A		2	KAJO	CORONA	CA (US)
IAP	RNAV (GPS)-B		3	KEMT	EL MONTE	CA (US)
IAP	VOR-A			KEMT	EL MONTE	CA (US)
IAP	RNAV (GPS) RWY 25			KHHR	HAWTHORNE	CA (US)
IAP	ILS RWY 26L		2	KPOC	LA VERNE	CA (US)
IAP	LOC RWY 26L		2	KPOC	LA VERNE	CA (US)
IAP	RNAV (GPS) RWY 26L			KPOC	LA VERNE	CA (US)
IAP	VOR OR GPS-A			KPOC	LA VERNE	CA (US)
IAP	ILS OR LOC RWY 26L			KONT	ONTARIO	CA (US)
IAP	ILS OR LOC RWY 26R			KONT	ONTARIO	CA (US)
IAP	ILS OR LOC RWY 8L			KONT	ONTARIO	CA (US)
IAP	ILS RWY 26L (CAT II - III)		2	KONT	ONTARIO	CA (US)
IAP	ILS RWY 26R (CAT II/III)		2	KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 26L		9	KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 26R		9	KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 8L		9	KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 8R			KONT	ONTARIO	CA (US)
IAP	RNAV (RNP) Z RWY 26L			KONT	ONTARIO	CA (US)
IAP	RNAV (RNP) Z RWY 26R			KONT	ONTARIO	CA (US)
IAP	HI-ILS OR LOC RWY 25			KPMD	PALMDALE	CA (US)
IAP	HI-TACAN RWY 25			KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS)-A			KREI	REDLANDS	CA (US)
IAP	ILS OR LOC RWY 9			KRAL	RIVERSIDE	CA (US)
IAP	VOR RWY 9		4	KRAL	RIVERSIDE	CA (US)
IAP	VOR-A		4	KRAL	RIVERSIDE	CA (US)
IAP	HI-TACAN Z RWY 32			KRIV	RIVERSIDE	CA (US)
IAP	HI-VOR Z RWY 32			KRIV	RIVERSIDE	CA (US)
IAP	ILS OR LOC Y RWY 32			KRIV	RIVERSIDE	CA (US)
IAP	VOR Y RWY 32			KRIV	RIVERSIDE	CA (US)
IAP	RNAV (GPS)-A		6	KRIR	RIVERSIDE/RUBIDOUX/	CA (US)
IAP	ILS OR LOC Z RWY 6		5	KSBD	SAN BERNARDINO	CA (US)
IAP	LOC Y RWY 6		5	KSBD	SAN BERNARDINO	CA (US)
IAP	RNAV (GPS) Y RWY 6		6	KSBD	SAN BERNARDINO	CA (US)

IAP	RNAV (GPS) Z RWY 6	6	KSBD	SAN BERNARDINO	CA (US)
IAP	ILS OR LOC RWY 20R		KSNA	SANTA ANA	CA (US)
IAP	ILS RWY 20R (SA CAT I)		KSNA	SANTA ANA	CA (US)
IAP	VOR-A	2	KCCB	UPLAND	CA (US)
STAR	FERNANDO		KBUR	BURBANK	CA (US)
STAR	SETER		KCNO	CHINO	CA (US)
STAR	ZIGGY		KCNO	CHINO	CA (US)
STAR	SETER		KAJO	CORONA	CA (US)
STAR	ZIGGY		KAJO	CORONA	CA (US)
STAR	SETER		KEMT	EL MONTE	CA (US)
STAR	ZIGGY		KEMT	EL MONTE	CA (US)
STAR	EMMLN		KFUL	FULLERTON	CA (US)
STAR	KAYOH		KFUL	FULLERTON	CA (US)
STAR	EMMLN		KHHR	HAWTHORNE	CA (US)
STAR	SETER		KPOC	LA VERNE	CA (US)
STAR	ZIGGY		KPOC	LA VERNE	CA (US)
STAR	EMMLN		KLGB	LONG BEACH	CA (US)
STAR	KAYOH		KLGB	LONG BEACH	CA (US)
STAR	EMMLN		KSLI	LOS ALAMITOS	CA (US)
STAR	KAYOH		KSLI	LOS ALAMITOS	CA (US)
STAR	BASET	1	KLAX	LOS ANGELES	CA (US)
STAR	KIMMO		KLAX	LOS ANGELES	CA (US)
STAR	SEAVU		KLAX	LOS ANGELES	CA (US)
STAR	KARLB (RNAV)		KONT	ONTARIO	CA (US)
STAR	SETER		KONT	ONTARIO	CA (US)
STAR	ZIGGY		KONT	ONTARIO	CA (US)
STAR	SETER		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY		KRAL	RIVERSIDE	CA (US)
STAR	ARKOE		KRIV	RIVERSIDE	CA (US)
STAR	MARCH		KRIV	RIVERSIDE	CA (US)
STAR	SETER		KSBD	SAN BERNARDINO	CA (US)
STAR	ZIGGY		KSBD	SAN BERNARDINO	CA (US)
STAR	EMMLN		KSNA	SANTA ANA	CA (US)
STAR	KAYOH		KSNA	SANTA ANA	CA (US)
STAR	FERNANDO		KSMO	SANTA MONICA	CA (US)
STAR	KIMMO		KSMO	SANTA MONICA	CA (US)
STAR	KAYOH		KTOA	TORRANCE	CA (US)
STAR	FERNANDO		KVNY	VAN NUYS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 43

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

HOLDING - ADDED HOLDING PATTERN 9 AND ASSOCIATED OBSTACLES/PRECIPITOUS TERRAIN ADDITIONS
 ADDED RNAV (GPS) Y RWY 26L/R TO PROCEDURES REQUIRING CLIMB-IN-HOLD
 REMOVED KRAL TAKEOFF MINIMUMS FROM FIX USE
 REMOVED KRIV SKYES FROM FIX USE
 REMOVED PATTERN 3 AND ADDED PATTERN 9 TO RNAV (GPS) Y RWY 26L/R & 8L
 ADDED ILS RWY 26R (CAT II/III) TO FIX USE
 REMOVED MILITARY DP FROM REQUIRED CHARTING

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A432

NAME: JOSEPH BLANCO

APPROVED BY:

DATE: 08/10/2023

OFFICE: AJV-A430

NAME: JOHNNIE BAKER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: SHAFTER VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 352904.40N/1190550.26W 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	SHAFTER	EHF	VORTAC	H						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	NW	EHF	VORTAC	323.64	143.64	R	1-1 1/2	2700 17500	4 16
2	E	EHF	VORTAC	089.05	269.05	R	1	2900 13000	4 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	TOWER (06-001920)	353053.00N/1190341.00W	1293	3C
1	310	AAO	353018.00N/1190003.00W	1575	4E
2	200	AAO	353018.00N/1190003.00W	1575	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	L45	BAKERSFIELD	CA (US)
1	ILS OR LOC RWY 30R	KBFL	BAKERSFIELD	CA (US)
1	VOR-A	KBFL	BAKERSFIELD	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 ASSIGNED FACILITY MAG VAR: E14 1985.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) RWY 32			24CL	CORCORAN	CA (US)
DP	MARIC			KBFL	BAKERSFIELD	CA (US)
DP	OILDALE		1	KBFL	BAKERSFIELD	CA (US)
DP	TAKE-OFF MINIMUMS			KBFL	BAKERSFIELD	CA (US)
DP	WRING			KBFL	BAKERSFIELD	CA (US)
DP	STIGR			L45	BAKERSFIELD	CA (US)
DP	TAKE-OFF MINIMUMS		1	L45	BAKERSFIELD	CA (US)
DP	PADRZ (RNAV)			KCRQ	CARLSBAD	CA (US)
DP	TAKE-OFF MINIMUMS			KDLO	DELANO	CA (US)
DP	BULLDOG			KFAT	FRESNO	CA (US)
DP	GORMAN			KLAX	LOS ANGELES	CA (US)
DP	CROLI (RNAV)			KMMH	MAMMOTH LAKES	CA (US)
DP	OENNS (RNAV)			KMMH	MAMMOTH LAKES	CA (US)
DP	POMONA			KONT	ONTARIO	CA (US)
DP	SNSHN (RNAV)			KONT	ONTARIO	CA (US)
DP	SAN MARCUS			KNTD	OXNARD	CA (US)
DP	PADRZ (RNAV)			KRNM	RAMONA	CA (US)
DP	PADRZ (RNAV)			KMYF	SAN DIEGO	CA (US)
DP	TINNY			KNKX	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSAN	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSDM	SAN DIEGO	CA (US)
DP	PADRZ (RNAV)			KSEE	SAN DIEGO/EL CAJON	CA (US)
DP	CHANNEL			KSNA	SANTA ANA	CA (US)
DP	HHERO (RNAV)			KSNA	SANTA ANA	CA (US)
DP	IRVINE			KSNA	SANTA ANA	CA (US)
DP	SANTA BARBARA			KSBA	SANTA BARBARA	CA (US)
DP	TAKE-OFF MINIMUMS			KMIT	SHAFTER	CA (US)
EN ROUTE	J50					(US)
EN ROUTE	J65					(US)
EN ROUTE	T259					(US)
EN ROUTE	V165					(US)
EN ROUTE	V183					(US)
EN ROUTE	V197					(US)
EN ROUTE	V23					(US)
EN ROUTE	V248					(US)
EN ROUTE	J5					CA (US)
IAP	ILS OR LOC RWY 30R		1	KBFL	BAKERSFIELD	CA (US)
IAP	RNAV (GPS) RWY 12L			KBFL	BAKERSFIELD	CA (US)
IAP	RNAV (GPS) RWY 12R			KBFL	BAKERSFIELD	CA (US)
IAP	VOR-A		1	KBFL	BAKERSFIELD	CA (US)
IAP	VOR/DME RWY 34			L45	BAKERSFIELD	CA (US)

IAP	GPS RWY 33		KDLO	DELANO	CA (US)
IAP	VOR RWY 33		KDLO	DELANO	CA (US)
IAP	HI ILS Z OR LOC Z RWY 29R		KFAT	FRESNO	CA (US)
IAP	HI-TACAN RWY 29R		KFAT	FRESNO	CA (US)
IAP	GPS RWY 30		KPTV	PORTERVILLE	CA (US)
IAP	VOR-A		KPTV	PORTERVILLE	CA (US)
IAP	VOR-A	2	KMIT	SHAFTER	CA (US)
STAR	FASTO		KBFL	BAKERSFIELD	CA (US)
STAR	FERNANDO		KBUR	BURBANK	CA (US)
STAR	WEESL (RNAV)		KBUR	BURBANK	CA (US)
STAR	ZIGGY		KCNO	CHINO	CA (US)
STAR	ZIGGY		KAJO	CORONA	CA (US)
STAR	ZIGGY		KEMT	EL MONTE	CA (US)
STAR	ZIGGY		KPOC	LA VERNE	CA (US)
STAR	KIMMO		KLAX	LOS ANGELES	CA (US)
STAR	MOORPARK		KLAX	LOS ANGELES	CA (US)
STAR	SADDE		KLAX	LOS ANGELES	CA (US)
STAR	WAYVE (RNAV)		KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY		KONT	ONTARIO	CA (US)
STAR	ZIGGY		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY		KSBD	SAN BERNARDINO	CA (US)
STAR	FERNANDO		KSMO	SANTA MONICA	CA (US)
STAR	KIMMO		KSMO	SANTA MONICA	CA (US)
STAR	WAYVE (RNAV)		KSMO	SANTA MONICA	CA (US)
STAR	FERNANDO		KVNY	VAN NUYS	CA (US)
STAR	WEESL (RNAV)		KVNY	VAN NUYS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 36

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

CHANGED KPTV IAP NAME FROM VOR OR GPS-A TO VOR-A PER AFS-400 MEMO DATED 09/08/2000.

CHANGED KDLO FIX USE FROM GPS RWY 32 TO GPS RWY 33. MAGVAR CHANGE.

CHANGED KDLO FIX USE FROM VOR RWY 32 TO VOR RWY 33. MAGVAR CHANGE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: CHRISTOPHER MENDENHALL

APPROVED BY:

DATE: 03/21/2024

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

RADIO FIX AND HOLDING DATA RECORD

NAME: TULE VOR/DME

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 355446.98N/1190114.91W

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	TULE	TTE	VOR/DME	VL							17500

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	NW	TTE	VOR/DME	323.00	143.00	R	1		3100	6000	4	12
2	NW		WP	324.00	144.00	R		4	3100	6000	5	6
3	SW		WP	208.63	028.63	L		4	3000	6000	5	6

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	355500.00N/1185700.00W	1152	4E
1	310	AAO	355657.00N/1185345.00W	1975	4E
2	200	AAO	355500.00N/1185700.00W	1152	4E
3	200	AAO	355730.00N/1185648.00W	1211	4E

REASON FOR NONSTANDARD HOLDING:

PAT 3 CLEAR MOA'S

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	KPTV	PORTERVILLE	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.
ASSIGNED FACILITY MAGVAR: 16E (1965)

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	WRING			KBFL	BAKERSFIELD	CA (US)
DP	BULLDOG			KFAT	FRESNO	CA (US)
DP	TAKE-OFF MINIMUMS		1	KPTV	PORTERVILLE	CA (US)
DP	TAKE-OFF MINIMUMS			KTLR	TULARE	CA (US)
DP	TAKE-OFF MINIMUMS			KVIS	VISALIA	CA (US)
EN ROUTE	V165					(US)
EN ROUTE	V459					(US)
IAP	ILS OR LOC RWY 30R			KBFL	BAKERSFIELD	CA (US)
IAP	VOR-A			KBFL	BAKERSFIELD	CA (US)
IAP	GPS RWY 33		3	KDLO	DELANO	CA (US)
IAP	VOR RWY 33			KDLO	DELANO	CA (US)
IAP	GPS RWY 12		2	KPTV	PORTERVILLE	CA (US)
IAP	GPS RWY 30		2	KPTV	PORTERVILLE	CA (US)
IAP	VOR-A			KPTV	PORTERVILLE	CA (US)
IAP	VOR-A			KMIT	SHAFTER	CA (US)
IAP	ILS OR LOC RWY 30			KVIS	VISALIA	CA (US)
IAP	RNAV (GPS) RWY 30			KVIS	VISALIA	CA (US)
STAR	ZIGGY			KCNO	CHINO	CA (US)
STAR	ZIGGY			KAJO	CORONA	CA (US)
STAR	ZIGGY			KEMT	EL MONTE	CA (US)
STAR	ALTTA			KFAT	FRESNO	CA (US)
STAR	ZIGGY			KPOC	LA VERNE	CA (US)
STAR	KIMMO			KLAX	LOS ANGELES	CA (US)
STAR	WAYVE (RNAV)			KLAX	LOS ANGELES	CA (US)
STAR	ZIGGY			KONT	ONTARIO	CA (US)
STAR	ZIGGY			KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY			KSBD	SAN BERNARDINO	CA (US)
STAR	KIMMO			KSMO	SANTA MONICA	CA (US)
STAR	WAYVE (RNAV)			KSMO	SANTA MONICA	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 19

DATE OF REVISION: 03/21/2024

REASON FOR REVISION:

CHANGED KPTV IAP NAME FROM VOR OR GPS-A TO VOR-A PER AFS-400 MEMO DATED 09/08/2000.

CHANGED KDLO FIX USE FROM GPS RWY 32 TO GPS RWY 33. MAGVAR CHANGE.

CHANGED KDLO FIX USE FROM VOR RWY 32 TO VOR RWY 33. MAGVAR CHANGE.

INITIATED BY:**DATE:****ORGANIZATION:****NAME:****OFFICE OF PRIMARY RESPONSIBILITY:**

AJV-A421

NAME: CHRISTOPHER MENDENHALL**APPROVED BY:****DATE:** 03/21/2024**OFFICE:** AJV-A421**NAME:** DAVID DANNER**SIGNATURE:**

RADIO FIX AND HOLDING DATA RECORD

NAME: ZARTI

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350435.49N/1184236.78W

TYPE: 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	FEET	MRA	MAA
1	TULE	TTE	VOR/DME	L	147.02	163.02	52.37	52.37		14500	17500
2	GORMAN	GMN	VORTAC	L	008.50	024.50		17.95		14500	17500
3	SHAFTER	EHF	VORTAC	H	128.01	142.01	30.97	30.97		14500	17500
4	PALMDALE	PMD	VORTAC	H	295.06	310.06	41.59	41.59		14500	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
TTE	VOR/DME	R-147	53	14500	17500
PMD	VORTAC	R-295	42	14500	17000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

GORMAN (FAC 2) AND SHAFTER (FAC 3) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ZIGGY	1, 2, 3, 4		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2, 3, 4		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2, 3, 4		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1, 2, 3, 4		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1, 2, 3, 4		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2, 3, 4		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2, 3, 4		KSBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

ADDED REMARKS GORMAN (FAC 2) AND SHAFTER (FAC 3) USED TO ESTABLISH FIX COORDINATES AND REMOVED COORDINATES ESTABLISHED BY ZLA.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 12/12/2016

OFFICE: AJV-5433

NAME: SYLVAN DRAKES

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: ZIGGY

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340711.29N/1171717.89W

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	PARADISE	PDZ	VORTAC	H	029.90	044.90	17.06	17.06		6300	17500
2	HOMELAND	HDF	VOR	L	332.00	346.00		21.20		6300	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	RNAV (RNP) Z RWY 26L			KONT	ONTARIO	CA (US)
IAP	RNAV (RNP) Z RWY 26R			KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 2		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 2		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1, 2		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1, 2		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 2		KRAL	RIVERSIDE	CA (US)
STAR	ZIGGY	1, 2		KSBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: STAR, IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 3

DATE OF REVISION: 06/25/2015

REASON FOR REVISION:

ADDED FACS 1 AND 2 NM DISTANCE.
REFORMATTED FIX USE.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

DEVELOPED BY:

DATE: 04/01/2015

OFFICE: AJV-354

NAME: DAVID DOWLING

APPROVED BY:

DATE: 04/24/2015

OFFICE: AJV-354

NAME: JILL OLSON

SIGNATURE:

DISTRIBUTION:

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