

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	MRA FEET	MAA
1	PARADISE	PDZ	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	NE	PDZ	VORTAC	030.00	210.00	R	1-1 1/2	3500 17500	4 16
2	E	PDZ	VORTAC	078.00	258.00	R	1-1 1/2	3100 17500	4 16
3	E		WP	080.00	260.00	R		3200 17500	5 17
4	E	PDZ	VORTAC	089.00	269.00	R	1-1 1/2	4600 17500	5 16
5	E	PDZ	VORTAC	078.00	258.00	R	1-1 1/2	4600 17500	5 16
6	E		WP	078.00	258.00	R		4700 17500	6 17
7	NE	PDZ	VORTAC	030.00	210.00	R	1-1 1/2	7200 17500	8 16

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	335800.00N/1171718.00W	3160	4E
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	6A
6	200	TOWER (06-002098)	335755.00N/1171706.00W	3242	5E
6	310	TOWER (06-002516)	334743.06N/1173632.00W	4100	5E
7	230	AAO	334818.00N/1173615.00W	3668	4E
7	310	AAO	341254.00N/1173233.00W	6677	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	310	114
3	310	200
3	200	140
4	310	101
5	310	98
6	310	160
7	310	346

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKE-OFF MINIMUMS	KONT	ONTARIO	CA (US)
2	TAKE-OFF MINIMUMS	KCNO	CHINO	CA (US)
2	VOR OR GPS-A	KAJO	CORONA	CA (US)
3	RNAV (GPS) Y RWY 08L	KONT	ONTARIO	CA (US)
4	VOR RWY 9	KRAL	RIVERSIDE	CA (US)
4	VOR-A	KRAL	RIVERSIDE	CA (US)
5	VOR OR GPS-A	KAJO	CORONA	CA (US)
5	ILS OR LOC Z RWY 6	KSBD	SAN BERNARDINO	CA (US)
5	TAKE-OFF MINIMUMS	KCCB	UPLAND	CA (US)
5	LOC Y RWY 6	KSBD	SAN BERNARDINO	CA (US)
5	TAKE-OFF MINIMUMS	KSBD	SAN BERNARDINO	CA (US)
6	RNAV (GPS) Y RWY 06	KSBD	SAN BERNARDINO	CA (US)
6	RNAV (GPS) Z RWY 06	KRIR	RIVERSIDE/RUBIDOUX	CA (US)
7	TAKE-OFF MINIMUMS	KAJO	CORONA	CA (US)
7	TAKE-OFF MINIMUMS	KEMT	EL MONTE	CA (US)
7	TAKE-OFF MINIMUMS	KRAL	RIVERSIDE	CA (US)
7	TAKE-OFF MINIMUMS	KSBD	SAN BERNARDINO	CA (US)
7	TAKE-OFF MINIMUMS	KREI	REDLANDS	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PATTERNS 3 AND 5 200K CONTROLLING OBSTACLES LOCATED 12062.55 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 2163.01 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 3418.01 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 230K CONTROLLING OBSTACLE LOCATED 11905.30 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 2678.01 FT.

PATTERN 7 310K CONTROLLING OBSTACLE LOCATED 10289.78 FT INTO SECONDARY AREA - PRIMARY EQUIVALENT VALUE 5753.01 FT - PAT 14 USED FOR CIH EVALUATION.

PDZ VORTAC MAGVAR: 15E 1965

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKE-OFF MINIMUMS		2	KCNO	CHINO	CA (US)
DP	TAKE-OFF MINIMUMS		7	KAJO	CORONA	CA (US)
DP	TAKE-OFF MINIMUMS		7	KEMT	EL MONTE	CA (US)
DP	ANAHEIM			KFUL	FULLERTON	CA (US)
DP	REDHL (RNAV)			KFUL	FULLERTON	CA (US)
DP	ANAHEIM			KLGB	LONG BEACH	CA (US)
DP	REDHL (RNAV)			KLGB	LONG BEACH	CA (US)
DP	REDHL (RNAV)			KSLI	LOS ALAMITOS	CA (US)
DP	NIKKL			KONT	ONTARIO	CA (US)
DP	TAKE-OFF MINIMUMS		1	KONT	ONTARIO	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	TAKE-OFF MINIMUMS		7	KREI	REDLANDS	CA (US)
DP	TAKE-OFF MINIMUMS		7	KRAL	RIVERSIDE	CA (US)
DP	SKYES			KRIV	RIVERSIDE	CA (US)
DP	TAKE-OFF MINIMUMS		5	KRIR	RIVERSIDE/RUBIDOUX	CA (US)
DP	TAKE-OFF 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	PLZZA (RNAV)			KSNA	SANTA ANA	CA (US)
DP	REDHL (RNAV)			KTOA	TORRANCE	CA (US)
DP	TAKE-OFF MINIMUMS		5	KCCB	UPLAND	CA (US)
DP	ADAMM			KVNY	VAN NUYS	CA (US)
EN ROUTE	J107					(US)
EN ROUTE	J128					(US)
EN ROUTE	J50					(US)
EN ROUTE	J60					(US)
EN ROUTE	J64					(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	NDB OR GPS-C			KEMT	EL MONTE	CA (US)
IAP	VOR OR GPS-A			KEMT	EL MONTE	CA (US)
IAP	VOR OR GPS-B			KEMT	EL MONTE	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 6L (ALT MA)		2	KLAX	LOS ANGELES	CA (US)
IAP	ILS OR LOC RWY 08L			KONT	ONTARIO	CA (US)
IAP	ILS OR LOC RWY 26L			KONT	ONTARIO	CA (US)
IAP	ILS OR LOC RWY 26R		2	KONT	ONTARIO	CA (US)
IAP	ILS RWY 26L (CAT II)			KONT	ONTARIO	CA (US)
IAP	ILS RWY 26L (CAT III)			KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 08L		3	KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 08R			KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 26L		3	KONT	ONTARIO	CA (US)
IAP	RNAV (GPS) Y RWY 26R		3	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	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 RNAV		KRIV	RIVERSIDE	CA (US)
IAP	(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	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	KAYOH		KFUL	FULLERTON	CA (US)
STAR	SETER		KPOC	LA VERNE	CA (US)
STAR	ZIGGY		KPOC	LA VERNE	CA (US)
STAR	KAYOH		KLGB	LONG BEACH	CA (US)
STAR	KAYOH		KSLL	LOS ALAMITOS	CA (US)
STAR	BASET	1	KLAX	LOS ANGELES	CA (US)
STAR	DOWNE		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	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, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 32

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

1. UPDATED PAT 6 CONTROLLING OBSTACLE ELEVATION FROM 3239 MSL TO 3242 MSL.
2. UPDATED FIX USE - CHANGED NAME OF KPMD HI-ILS/DME RWY 25 TO HI-ILS OR LOC RWY 25; ADDED "(ALT MA)" TO KLAX ILS OR LOC RWY 6L; ADDED KSN PEBLE DP; DELETED KLAX RIIVR STAR; DELETED KCRQ FODRR STAR; ADDED Z TO ILS OR LOC Z RWY 06 KSBD; ADDED PAT 6 310 KT PATTERN.

DEVELOPED BY: **DATE:** 08/24/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY: **DATE:**

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE:

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

RADIO FIX AND HOLDING DATA RECORD

NAME: PETIS NDB STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340323.30N/1172158.01W TYPE: 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	MRA	MAA
1	PETIS	SB	NDB	H						17500
2	SAN BERNARDINO	I-SBD	LOC		237.45	250.45		8.09	3200	5600
3	ONTARIO	I-TWO	LOC/DME		077.52	089.52	12.61	12.63	3700	5400
4	ONTARIO	I-ONT	LOC/DME		077.98	089.98	12.96	12.97	3700	5400
5	HOMELAND	HDF	VOR	L	317.77	331.77		19.05	3200	17500
6	PARADISE	PDZ	VORTAC	H	029.62	044.62	11.63	11.63	3200	9000

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	E	SB	NDB	075.99	255.99	R	1	4200 9000	5 10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	341000.00N/1171212.00W	4088	4E

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS:

HOMELAND (FAC 5) AND PARADISE (FAC 6) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PATTERN 1 CONTROLLING OBSTACLE LOCATED 10056 FT. INTO THE SECONDARY.
 I-ONT DME COORDINATES: 340322.03N/1173733.66W.
 I-TWO DME COORDINATES: 340320.47N-1173708.85W

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC RWY 26L	1, 3, 5, 6		KONT	ONTARIO	CA (US)
IAP	ILS OR LOC RWY 26R	1, 4, 5, 6		KONT	ONTARIO	CA (US)
IAP	ILS RWY 26L (CAT II, III)	1, 3, 5, 6		KONT	ONTARIO	CA (US)
IAP	VOR RWY 9	1		KRAL	RIVERSIDE	CA (US)
IAP	ILS OR LOC Z RWY 6	1, 2, 5, 6		KSBD	SAN BERNARDINO	CA (US)
IAP	LOC Y RWY 6	1, 2, 5, 6		KSBD	SAN BERNARDINO	CA (US)
STAR	SETER	1		KCNO	CHINO	CA (US)
STAR	ZIGGY	1, 5, 6		KCNO	CHINO	CA (US)
STAR	SETER	1		KAJO	CORONA	CA (US)
STAR	ZIGGY	1, 5, 6		KAJO	CORONA	CA (US)
STAR	SETER	1		KEMT	EL MONTE	CA (US)
STAR	ZIGGY	1, 5, 6		KEMT	EL MONTE	CA (US)
STAR	SETER	1		KPOC	LA VERNE	CA (US)
STAR	ZIGGY	1, 5, 6		KPOC	LA VERNE	CA (US)
STAR	SETER	1		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 5, 6 1		KONT	ONTARIO	CA (US)
STAR	ZIGGY	1, 5, 6		KRAL	RIVERSIDE	CA (US)
STAR	SETER	1		KSBD	SAN BERNARDINO	CA (US)
STAR	ZIGGY	1, 5, 6		KSBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: STAR, IAP, AREA

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 22 DATE OF REVISION: 04/27/2017

REASON FOR REVISION:

UPDATED FIX USE.
 UPDATED HOLDING PATTERN 1 RADIAL/COURSE FROM 077.99/257.99 TO 075.99/255.99.
 UPDATED FAC 2 SAN BERNARDINO (SBD) MAG/TRUE BEARING FROM 237.43/252.43 TO 237.45/250.45.
 UPDATED FAC 3 ONTARIO (TWO) MAG/TRUE BEARING FROM 077.99/089.99 TO 077.52/089.52.

DEVELOPED BY:	DATE: 10/06/2016	OFFICE: AJV-5431	NAME: FRANK JACKSON
APPROVED BY:	DATE:	OFFICE: AJV-5430	NAME: LONNIE EVERHART
	SIGNATURE:		
DISTRIBUTION:	NFDC FPO: WST ARTCC: ZLA ATC FACILITY: SOCALTRACON; ONT ATCT OTHER:		

RADIO FIX AND HOLDING DATA RECORD

NAME: SUDOC

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340121.32N/1172847.97W

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	FAC FEET	MRA	MAA
1	SAN BERNARDINO	I-SBD	LOC		237.43	250.43		14.12		4000	5600
2	PARADISE	PDZ	VORTAC	H	006.77	021.77		6.72		4000	5600

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

SAN BERNARDINO (FAC 1) AND PARADISE (FAC 2) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	ILS OR LOC Z RWY 6	1, 2		KSBD	SAN BERNARDINO	CA (US)
IAP	LOC Y RWY 6	1, 2		KSBD	SAN BERNARDINO	CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 02/04/2016

REASON FOR REVISION:

REMOVED KSBD - NDB RWY 6 FROM FIX USE.

ADDED MAG BRG FOR FAC 1.

ADDED DIST FROM FAC NM FOR FAC 1 AND 2.

UPDATED MAA FROM 17500 TO 5600 FOR FAC 2.

ADDED REMARK: SAN BERNARDINO (FAC 1) AND PARADISE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

DEVELOPED BY:

DATE: 10/28/2015

OFFICE: AJV-5430

NAME: JACOB POWERS (ALLISON CASON)

APPROVED BY:

DATE: 12/04/2015

OFFICE: AJV-5430

NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION:

NFDC

FPO: WST

ARTCC: ZLA

ATC FACILITY: SOCAL

OTHER: AIRPORT MGR