

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 V518 6300 SOUTHWEST BOUND
 MCA V137 7000 EASTBOUND

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	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	VORTAC	067.00	247.00	L	7	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	230	120
3	310	270
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: 26

DATE OF REVISION: 08/10/2023

REASON FOR REVISION:

- CHANGED PATTERN 3 DME LENGTH FROM 5 TO 7, MIN HOLDING FROM 6000 TO 7200, MIN TEMPLATE FROM 6 TO 9, AND MAX TEMPLATE FROM 11 TO 15 AND REMOVED NOTE IN REMARKS STATING PAT 15 USED FOR CLIMB-IN-HOLD EVALUATION.
- ADDED PATTERN 5, HOLD NE, PMD VORTAC, BRG 067.00, CRS INBOUND 247.00, LEFT TURNS, 1 MINUTE LEG LENGTH, MIN HOLDING ALTITUDE 8700, MAX HOLDING ALTITUDE 10700, MIN TEMPLATE 9, MAX TEMPLATE 15.
- CHANGED CONTROLLING OBSTRUCTION PAT 3 200 AIRSPEED FROM 200 KNOTS TO 230 KNOTS AND LONGITUDE FROM 1180854.00W TO 1180857.00W.
- CHANGED CONTROLLING OBSTRUCTION PAT 3 310 AIRSPEED LONGITUDE FROM 1175638.70W TO 1175638.30.00W.
- ADDED CONTROLLING OBSTRUCTION PAT 5, 230K AIRPSEED, AAO, 343151.00N/1180857.00W, 4721 (4E).
- ADDED CONTROLLING OBSTRUCTION PAT 5, 310K AIRSPEED, AAO, 342515.00N/1175630.00W, 6847 (4E).
- ADDED PRECIPITOUS TERRAIN ADDITION PAT 3, SPEED 230, 120 FT.
- CHANGED PRECIPITOUS TERRAIN ADDITION PAT 3, SPEED 310 FROM 97 FT TO 270 FT.
- ADDED PRECIPITOUS TERRAIN ADDITION FOR PAT 5, 310K AIRSPEED OF 270 FT.
- REMOVED "/" FROM PAT 3 AND 4 REASON FOR NONSTANDARD HOLDING.
- ADDED TO REASON FOR NONSTANDARD HOLDING PATTERN 5 TERRAIN.
- ADDED TO PROCEDURES REQUIRING CLIMB-IN-HOLD PAT 5, PALMDALE (OBSTACLE), KWJF, LANCASTER, CA (US).
- CHANGED REMARK FROM "PAT 3 310K OBSTACLE LOCATED 1.84 NM INTO SECONDARY AREA - PRIMARY EQUIVALANT VALUE 5890.01 FT
- PAT 15 USED FOR CIH EVALUATION" TO "PAT 3 AND PAT 5 310K OBSTACLE LOCATED 1.76 NM INTO SECONDARY AREA - PRIMARY EQUIVALANT VALUE 5907 FT".
- ADDED FIX USE FOR KWJF PALMDALE (OBSTACLE) WITH PAT 5.
- REMOVED FAC 1 FROM ZIGGY STAR AT KCNO, KAJO, KEMT, KPOC, KONT, KRAL, KSBD.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A421 **NAME:** DALE SICKELS

APPROVED BY: **DATE:** 08/10/2023 **OFFICE:** AJV-A421 **NAME:** JASON KRETSCHMER

SIGNATURE: