

RADIO FIX AND HOLDING DATA RECORD

NAME: ETHER STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 343950.89N/1174548.67W 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	PALMDALE	PMD	VORTAC	H	067.40	082.40	14.99	14.99	6000	17500
2	EDWARDS	EDW	VORTAC	T	169.59	184.59	19.12	19.12	6000	17500
3	VICTORVILLE	VCV	VOR/DME	T	268.88	282.88	18.96	18.96	6000	14800
4	DAGGETT	DAG	VORTAC	L	238.37	253.37		61.23	12000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
DAG	VORTAC	R-238	62	12000	17500

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	PMD	VORTAC	067.40	247.40	L	1	6000 8500	10 12
2	E	VCV	WP	069.40	249.40	L	7	6000 8500	10 12
3	E	VCV	VOR/DME	268.88	268.88	L	1	6000 8000	6 9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	265	AAO	344423.90N/1173340.90W	4320	6A
1	310	AAO	344423.90N/1173340.90W	4320	6A
2	265	AAO	344423.90N/1173340.90W	4320	6A
3	200	AAO	344029.40N/1174749.80W	3851	6A

REASON FOR NONSTANDARD HOLDING:

PAT 3 RESTRICTED AIRSPACE
 PAT 1 RESTRICTED AIRSPACE
 PAT 2 RESTRICTED AIRSPACE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

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

REMARKS:

PALMDALE (FAC 1) AND EDWARDS (FAC 2) USED TO ESTABLISH FIX COORDINATES
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PATTERN 1 AND 2 EVALUATED FOR MILITARY HOLDING.
 PATTERNS 1 AND 2 VIOLATE BUCKHORN MOA AIRSPACE. MOA CONTROLLING AGENCY IS JOSHUA APP CON, NO COORDINATION IS REQUIRED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	VAN NUYS	1, 2, 3, 4		KBUR	BURBANK	CA (US)
DP	PEEER (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	NEWHALL	1, 2, 3, 4		KVNY	VAN NUYS	CA (US)
DP	TAKE-OFF MINIMUMS	1, 2, 3	1	KVCV	VICTORVILLE	CA (US)
EN ROUTE	V12	1, 2, 3				(US)
IAP	RNAV (GPS) RWY 24			KWJF	LANCASTER	CA (US)
IAP	RNAV (GPS) RWY 6		2	KWJF	LANCASTER	CA (US)
IAP	ILS OR LOC RWY 25	1		KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS) RWY 22			KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS) RWY 25			KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 17	1, 2, 3	3	KVCV	VICTORVILLE	CA (US)
IAP	RNAV (GPS) RWY 17		2	KVCV	VICTORVILLE	CA (US)
IAP	VOR/DME RWY 17	1, 2, 3	3	KVCV	VICTORVILLE	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 10 DATE OF REVISION: 02/01/2018



REASON FOR REVISION:

UPDATED FIX USE: ADDED KPMD RNAV (GPS) RWY 22; ADDED PMD VORTAC (FAC 1) TO ILS OR LOC RWY 25.

DEVELOPED BY: **DATE:** 08/14/2017 **OFFICE:** AJV-5431 **NAME:** SEAN BARBEE**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN**SIGNATURE:** *Digitally signed by***JOHNNIE BAKER****DISTRIBUTION:****NFDC****FPO:** WST

Mar 08, 2018

ARTCC: ZLA**ATC FACILITY:** JOSHUA APP CON**OTHER:** PMD ATCT, VCV ATCT

A circular green stamp with the word "QUALITY" at the top, the number "19" in the center, and the word "CHECKED" at the bottom.

RADIO FIX AND HOLDING DATA RECORD

NAME: FISCH

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344736.81N/1181629.55W

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	PALMDALE	PMD	VORTAC	H	298.00	313.00	14.26	14.26	5000	17500
2	LAKE HUGHES	LHS	VORTAC	L	051.00	066.00		16.34	5000	17500

FIX RESTRICTIONS:

MRA V197 8300 NORTHWEST BOUND

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		WP	121.00	301.00	L		7	6700	10000	9	10
2	SE	PMD	VORTAC	298.00	298.00	L	1		6700	10000	9	10

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	343248.00N/1181306.00W	5401	4E
1	310	AAO	343241.30N/1181348.60W	5417	6C
2	230	AAO	343248.00N/1181306.00W	5401	4E
2	310	AAO	343241.30N/1181348.60W	5417	6C

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	230	130
1	310	220
2	230	130
2	310	220

REASON FOR NONSTANDARD HOLDING:

PAT 1 AVOID SPECIAL USE AIRSPACE

PAT 2 AVOID SPECIAL USE AIRSPACE

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 25	KPMD	PALMDALE	CA (US)
1	RNAV (GPS) RWY 22	KPMD	PALMDALE	CA (US)
2	HI-TACAN RWY 25	KPMD	PALMDALE	CA (US)
2	HI-ILS OR LOC RWY 25	KPMD	PALMDALE	CA (US)
2	TAKEOFF MINIMUMS	KPMD	PALMDALE	CA (US)
2	ILS OR LOC RWY 25	KPMD	PALMDALE	CA (US)

REMARKS:

PALMDALE (FAC 1) AND LAKE HUGHES (FAC 2) USED TO ESTABLISH FIX COORDINATES

PRECIPITOUS TERRAIN EVALUATION COMPLETE.

PRECIPITOUS TERRAIN ADJUSTMENTS ARE IPDS DERIVED VALUES.

PATTERN 1&2 230 AIRSPEED CONTROLLING OBSTACLE IS 9,279 FEET INTO SECONDARY AREA.

PATTERN 1&2 MIN ALTITUDE OF 6700 DICTATED BY 1500 AIRSPACE.

RADAR FIX SUPPORTS ILS OR LOC RWY 25 ALTERNATE MISSED APPROACH.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TAKEOFF MINIMUMS		2	KPMD	PALMDALE	CA (US)
EN ROUTE	V197	1, 2		KPMD	PALMDALE	CA (US)
IAP	HI-ILS OR LOC RWY 25	1, 2	2	KPMD	PALMDALE	CA (US)
IAP	HI-TACAN RWY 25	1, 2	2	KPMD	PALMDALE	CA (US)
IAP	ILS OR LOC RWY 25	1, 2	2	KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS) RWY 22		1	KPMD	PALMDALE	CA (US)
IAP	RNAV (GPS) RWY 25		1	KPMD	PALMDALE	CA (US)
IAP	VOR OR TACAN RWY 25	1, 2	2	KPMD	PALMDALE	CA (US)

REQUIRED CHARTING: DP, MILITARY IAP, IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

QUALITY
19
CHECKED

RECORD REVISION NUMBER: 8

DATE OF REVISION: 02/01/2018

REASON FOR REVISION:

1. CHANGED PAT 1 CRS INBOUND FROM 298.00 TO 301.00 AND RAD/CRS/BRG FROM 118.00 TO 121.00 - KPMD MAGVAR UPDATED FROM 15E/1980 TO 12E/2020.
2. ADDED NOTE TO REMARKS: PRECIPITOUS TERRAIN ADJUSTMENTS ARE IPDS DERIVED VALUES.
3. CHANGED HOLDING PAT 1 AND 2 310K PRECIPITOUS TERRAIN ADJUSTMENTS FROM 94 FT TO 220 FT; ADDED 130 FT PRECIPITOUS TERRAIN ADJUSTMENTS FOR BOTH 230K PATTERNS.
4. UPDATED FIX USE: DELETED KWJF NDB-C; RE-NAMED KPMD HI-ILS OR LOC/DME RWY 25 TO HI-ILS OR LOC RWY 25; ADDED KPMD RNAV (GPS) RWY 22; RENAMED KPMD VOR/DME OR TACAN RWY 25 TO VOR OR TACAN RWY 25.
5. ADDED KPMD RNAV (GPS) RWY 22 TO LIST OF PROCEDURES REQUIRING CLIMB-IN-HOLD.

DEVELOPED BY: **DATE:** 08/02/2017 **OFFICE:** AJV-5431 **NAME:** SEAN BARBEE**APPROVED BY:** **DATE:** **OFFICE:** AJV-5430 **NAME:** PATRICK MULQUEEN**SIGNATURE:** *Digitally signed by*
JOHNNIE BAKER

Mar 08, 2018

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON
OTHER:

RADIO FIX AND HOLDING DATA RECORD

NAME: HOGAX

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344142.59N/1175738.97W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 22

FAC PAT

AIRPORT IDENT CITY
KPMD PALMDALE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/01/2018

DEVELOPED BY: DATE: 08/14/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*
JOHNNIE BAKER

Mar 08, 2018

DISTRIBUTION:

NFDC
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ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON; PMD ATCT
OTHER:

QUALITY
19
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: IXIGE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344308.60N/1175026.27W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 22

FAC PAT AIRPORT IDENT CITY
KPMD PALMDALE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/01/2018

DEVELOPED BY: DATE: 08/14/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: VIKAS UBEROI

SIGNATURE: *Digitally signed by*
JOHNNIE BAKER

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON; PMD ATCT
OTHER:
Mar 08, 2018

QUALITY
19
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: JOSOP

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343951.18N/1180050.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 22

FAC PAT AIRPORT IDENT CITY
KPMD PALMDALE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/01/2018

DEVELOPED BY: DATE: 08/14/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*
JOHNNIE BAKER

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON; PMD ATCT
OTHER: Mar 08, 2018

QUALITY
19
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OLTIW

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343906.91N/1181228.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 22

FAC PAT

AIRPORT IDENT CITY
KPMD PALMDALE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/01/2018

DEVELOPED BY: DATE: 08/14/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*
JOHNNIE BAKER

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON; PMD ATCT
OTHER:
Mar 08, 2018

QUALITY
19
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: OQXIB

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343848.87N/1180237.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

FIX USE:
USE TYPE
IAP

USE TITLE
RNAV (GPS) RWY 22

FAC PAT AIRPORT IDENT CITY
KPMD PALMDALE

STATE
CA (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/01/2018

DEVELOPED BY: DATE: 08/15/2017

OFFICE: AJV-5431

NAME: SEAN BARBEE

APPROVED BY: DATE:

OFFICE: AJV-5430

NAME: PATRICK MULQUEEN

SIGNATURE: *Digitally signed by*
JOHNNIE BAKER

DISTRIBUTION: NFDC
FPO: WST
ARTCC: ZLA
ATC FACILITY: JOSHUA APP CON; PMD ATCT
OTHER: Mar 08, 2018

QUALITY
19
CHECKED