

RADIO FIX AND HOLDING DATA RECORD

NAME: APLES

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343254.48N/1170858.14W

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	081.00	096.00	45.56	45.56	7000	17500
2	PARADISE	PDZ	VORTAC	VH	011.53	026.53	42.22	42.22	10000	17500
3	DAGGETT	DAG	VORTAC	L	213.88	228.88	37.59	37.59	7500	17500
4	VICTORVILLE	VCV	VOR	T	088.87	102.87		12.23	7000	12000
5	HECTOR	HEC	VORTAC	VH	231.53	246.53		37.09	10000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PMD	VORTAC	R-081	46	7000	17000
PDZ	VORTAC	R-012	43	10000	16000

FIX RESTRICTIONS:

MCA V394 9200 SOUTHWEST BOUND
MCA V210 9200 SOUTHWEST BOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PALMDALE (FAC 1) AND DAGGETT (FAC 3) USED TO ESTABLISH FIX COORDINATES.
DO NOT CHART FAC 4 (VCV) ON ENROUTE LOW.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	ANAHEIM	1, 2, 3, 4, 5		KFUL	FULLERTON	CA (US)
DP	ANAHEIM	1, 2, 3, 4, 5		KLGB	LONG BEACH	CA (US)
DP	LGANN (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	YUCCA (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	ANAHEIM	1, 2, 3, 4, 5		KSNA	SANTA ANA	CA (US)
EN ROUTE	V210	1, 3				(US)
EN ROUTE	V386	1, 2				(US)
EN ROUTE	V394	1, 3				(US)
EN ROUTE	V442	2, 5				(US)
IAP	RNAV (GPS) RWY 17			KVCV	VICTORVILLE	CA (US)
STAR	EMMLN	1, 2, 3, 4, 5		KFUL	FULLERTON	CA (US)
STAR	EMMLN	1, 2, 3, 4, 5		KHHR	HAWTHORNE	CA (US)
STAR	EMMLN	1, 2, 3, 4, 5		KLGB	LONG BEACH	CA (US)
STAR	EMMLN	1, 2, 3, 4, 5		KSLI	LOS ALAMITOS	CA (US)
STAR	EMMLN	1, 2, 3, 4, 5		KSNA	SANTA ANA	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 23

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

FIX USE: ADDED LGANN (RNAV) SID TO FIX USE.
FIX USE: ADD NEW SID YUCCA (RNAV) AT KPSP.

Digitally signed by

CASEY D HILL

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

Mar 31, 2025

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: COLE NESBITT

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A412

NAME: CASEY HILL

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: LGANN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341903.95N/1163618.53W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP
DP

USE TITLE
LGANN (RNAV)
YUCCA (RNAV)

FAC

PAT

AIRPORT IDENT
KPSP
KPSP

CITY
PALM SPRINGS
PALM SPRINGS

STATE
CA (US)
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 06/12/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

Digitally signed by

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: COLE NESBITT

CASEY D HILL

Mar 31, 2025

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A412

NAME: CASEY HILL

SIGNATURE:



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		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	310	270
3	230	120
5	230	120
5	310	270

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
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 EQUIVALENT 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	LGANN (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	LGANN (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	YUCCA (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS			KPMD	PALMDALE	CA (US)

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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	1	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 Y OR LOC Y RWY 25	1		KPMD	PALMDALE	CA (US)
IAP	HI-TACAN Y RWY 25	1		KPMD	PALMDALE	CA (US)
IAP	ILS Z OR LOC Z RWY 25	1		KPMD	PALMDALE	CA (US)
IAP	VOR OR TACAN Z RWY 25	1	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	LYNX			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: 28

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

FIX USE: ADDED LGANN (RNAV) TO FIX USE.

FIX USE: ADDED NEW SID YUCCA (RNAV) AT KPSP.

FIX USE: BROUGHT FORWARD RNAV (GPS) RWY 24, PAT 3, AT KWJF.

FIX USE: ADDED FAC 1 TO VOR-B AT KWJF.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

Digitally signed by

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: COLE NESBITT

CASEY D HILL

Mar 31, 2025

APPROVED BY:

DATE: 05/08/2025

OFFICE: AVJ-A412

NAME: CASEY HILL

SIGNATURE:

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: SOGGI

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 343010.79N/1164041.79W

TYPE: WP, 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	PALM SPRINGS	PSP	VORTAC	L	329.00	342.00	39.88	39.88		9000	17500
2	PALMDALE	PMD	VORTAC	H	081.00	096.00	69.08	69.08		9000	17500

EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PMD	VORTAC	R-081	70	9000	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CATHEDRAL	1, 2		KPSP	PALM SPRINGS	CA (US)
DP	LGANN (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	YUCCA (RNAV)			KPSP	PALM SPRINGS	CA (US)
EN ROUTE	V386					(US)
IAP	RNAV (GPS) RWY 26			L35	BIG BEAR CITY	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

FIX USE: ADDED LGANN (RNAV) TO FIX USE.
FIX USE: ADDED NEW SID YUCCA (RNAV) AT KPSP.
FIX USE: CHANGED TITLE AT L35 FROM GPS RWY 26 TO RNAV (GPS) RWY 26.
REMARKS: REMOVED WAYPOINT COLLOCATED WITH SOGGI INTERSECTION.

Digitally signed by

CASEY D HILL

Mar 31, 2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: COLE NESBITT

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A412

NAME: CASEY HILL

SIGNATURE:



RADIO FIX AND HOLDING DATA RECORD

NAME: YUCCA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 340612.58N/1163115.49W

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 NM	FAC FEET	MRA	MAA
1	TWENTYNINE PALMS	TNP	VORTAC	L	254.41	269.41	37.42	37.42		8200	17500
2	PALM SPRINGS	PSP	VORTAC	L	329.00	342.00	14.71	14.71		8200	17500

FIX RESTRICTIONS:

MCA V264 12300 WESTBOUND

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

TWENTYNINE PALMS (FAC 1) AND PALM SPRINGS (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CATHEDRAL	1, 2		KPSP	PALM SPRINGS	CA (US)
DP	LGANN (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	YUCCA (RNAV)			KPSP	PALM SPRINGS	CA (US)
EN ROUTE	V264	1, 2				(US)
EN ROUTE	V386	1, 2				(US)
IAP	RNAV (GPS) RWY 10			KUDD	PALM SPRINGS	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

FIX USE: ADDED LGANN (RNAV) TO FIX USE.

FIX USE: ADDED NEW SID YUCCA (RNAV) AT KPSP.

Digitally signed by

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

CASEY D HILL

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A412

NAME: COLE NESBITT

Mar 31, 2025

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A412

NAME: CASEY HILL

SIGNATURE:

