

RADIO FIX AND HOLDING DATA RECORD

NAME: BLYTHE VORTAC STATE: CA COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 333545.83N/1144540.58W 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	BLYTHE	BLH	VORTAC	VH							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	E	BLH	VORTAC	080.00	260.00	R	1		4000	17500	4	16
2	W		WP	268.00	088.00	L		12	25000	45000	21	30
3	W	BLH	VORTAC	268.00	088.00	L	1 1/2		18000	41000	16	28

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	334046.10N/1145017.90W	3030	6C

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
 PAT 3 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRIOR COORDINATION REQUIRED WITH CONTROLLING AGENCY FOR HOLDING OVER QUAIL MOA.
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.
 PAT. 1 HOLDING OBSTACLE LOCATED 1.58 NM INTO SECONDARY AREA.
 PAT 1&3 PER ATC.
 ASSIGNED MAGVAR: 14E/1980.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	IZZZO (RNAV)			KCHD	CHANDLER	AZ (US)
DP	IZZZO (RNAV)			KGEU	GLENDALE	AZ (US)
DP	IZZZO (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	IZZZO (RNAV)			KDVT	PHOENIX	AZ (US)
DP	IZZZO (RNAV)			KIWA	PHOENIX	AZ (US)
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
DP	KEENS (RNAV)			KPHX	PHOENIX	AZ (US)
DP	IZZZO (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	TEXTUAL DEPARTURE			KBLH	BLYTHE	CA (US)
DP	SLAPP (RNAV)			KBUR	BURBANK	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	HWRRD (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	JEEON (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	CHOII (RNAV)			KSMO	SANTA MONICA	CA (US)
DP	HARYS (RNAV)			KVNY	VAN NUYS	CA (US)
DP	HAYEZ (RNAV)			KVNY	VAN NUYS	CA (US)
DP	OYODA (RNAV)			KHND	LAS VEGAS	NV (US)
DP	RADYR (RNAV)			KLAS	LAS VEGAS	NV (US)
EN ROUTE	T306					(US)
EN ROUTE	J169					CA (US)
EN ROUTE	J50					CA (US)
EN ROUTE	J65					CA (US)
EN ROUTE	V135					CA (US)
EN ROUTE	V16					CA (US)
EN ROUTE	V372					CA (US)
EN ROUTE	V460					CA (US)
EN ROUTE	V64					CA (US)
EN ROUTE	V94					CA (US)
IAP	VOR DME RWY 26			KBLH	BLYTHE	CA (US)
IAP	VOR DME-A			KBLH	BLYTHE	CA (US)
IAP	HI-TACAN Z RWY 24R			KNKX	SAN DIEGO	CA (US)
STAR	ARLIN			KCHD	CHANDLER	AZ (US)
STAR	BLYTHE			KCHD	CHANDLER	AZ (US)
STAR	ARLIN			P19	CHANDLER	AZ (US)
STAR	BLYTHE			P19	CHANDLER	AZ (US)
STAR	ARLIN			KFFZ	MESA	AZ (US)
STAR	ARLIN			KDVT	PHOENIX	AZ (US)
STAR	BLYTHE			KDVT	PHOENIX	AZ (US)
STAR	ARLIN			KIWA	PHOENIX	AZ (US)
STAR	BLYTHE			KIWA	PHOENIX	AZ (US)

QUALITY
 23
 CHECKED

STAR	ARLIN		KPHX	PHOENIX	AZ (US)
STAR	BLYTHE		KPHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)	2	KPHX	PHOENIX	AZ (US)
STAR	ARLIN		KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE		KSDL	SCOTTSDALE	AZ (US)
STAR	CLOWD		KPSP	PALM SPRINGS	CA (US)
STAR	SBONO		KPSP	PALM SPRINGS	CA (US)
STAR	CLOWD		KTRM	PALM SPRINGS	CA (US)
STAR	SBONO		KTRM	PALM SPRINGS	CA (US)
STAR	CLOWD		KUDD	PALM SPRINGS	CA (US)
STAR	SBONO		KUDD	PALM SPRINGS	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: 19

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX USE: ADD HWRDD (RNAV) AND JEEON (RNAV) DP'S AT KPSP.

01/03/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 12/05/24:

1. FIX USE: UPDATED IAP AT KNKX FROM "HI TACAN RWY 24R" TO "HI-TACAN Z RWY 24R". - CARRIED OVER FROM SLIPPED REV 19 CHANGES.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE: *Digitally signed by*

DAVID DANNER

Apr 28, 2025

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EMRUD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334738.71N/1161505.67W

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 NM	FAC FEET	MRA	MAA
1	PALM SPRINGS	PSP	VORTAC	L	104.00	117.00	10.00	10.00		2500	17500
2	THERMAL	TRM	VORTAC	VH	322.32	335.32		10.94		2500	17500

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

REMARKS:

PALM SPRINGS (FAC 1) AND THERMAL (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	HWRRD (RNAV)			KPSP	PALM SPRINGS	CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 02/20/2025

REASON FOR REVISION:

FIX TYPE: ADDED WP. - ADDING RNAV SID TO FIX USE.

FIX USE: ADDED HWRRD (RNAV) DP AT KPSP.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2025

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: EYRSH

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335805.69N/1163044.52W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP
DP

USE TITLE
HWRRD (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: 02/20/2025

REASON FOR REVISION:
ORIGINAL

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

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DAVID DANNER

Apr 28, 2025

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: FYTNN

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335436.20N/1163436.43W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP
DP

USE TITLE
HWRRD (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: 02/20/2025

REASON FOR REVISION:
ORIGINAL

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by
DAVID DANNER
Apr 28, 2025

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: HWRRD

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 335654.87N/1162503.76W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP

USE TITLE
HWRRD (RNAV)

FAC

PAT

AIRPORT IDENT
KPSP

CITY
PALM SPRINGS

STATE
CA (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG

DATE OF REVISION: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2025



RADIO FIX AND HOLDING DATA RECORD

NAME: TEEGE

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 334209.84N/1155558.38W

TYPE: WP

AIRSPACE DOCKET:

FIX TYPE OF ACTION: ESTABLISH

HOLDING:

HOLDING TYPE OF ACTION:

FIX USE:

USE TYPE
DP
DP

USE TITLE
HWRRD (RNAV)
JEEON (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: 02/20/2025

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 02/20/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE: *Digitally signed by*
DAVID DANNER
Apr 28, 2025

QUALITY
23
CHECKED

RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 333741.15N/1160936.70W 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	THERMAL	TRM	VORTAC	VH						45000

FIX RESTRICTIONS:

MCA V64 7700 WESTBOUND
MCA V432 4500 NORTHEAST 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	E	TRM	VORTAC	109.00	289.00	R	1	3000 17500	4 16
2	SE	TRM	VORTAC	129.51	309.51	R	1	2900 14000	4 10
3	SE		WP	129.51	309.51	R		4000 14000	5 11
4	E	TRM	VORTAC	109.00	289.00	R	1	3000 17500	4 12

CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	333754.40N/1160142.00W	1844	4B
1	310	AAO	333345.00N/1162006.00W	6470	4E
2	200	AAO	333757.00N/1160203.00W	1510	4E
3	200	AAO	333754.40N/1160142.00W	1842	6C
4	200	AAO	333754.40N/1160142.00W	1842	6C
4	310	AAO	333412.00N/1161903.00W	5046	4E

PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	200	240
1	310	316
3	200	260
4	200	96
4	310	293

HOLDING RESTRICTIONS:

HOLDING BELOW LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	TAKEOFF MINIMUMS	KTRM	PALM SPRINGS	CA (US)
1	BERMUDA DUNES (OBSTACLE)	KUDD	PALM SPRINGS	CA (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
ASSIGNED FACILITY MAG VAR: 13E 1990.
PATTERN 4 DUPLICATION DUE TO THE LOWER C-I-H PATTERN USED.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
SPECIAL IAP	RNAV (GPS) N RWY 13R		3	KPSP	PALM SPRINGS	CA (US)
SPECIAL IAP	RNAV (RNP) M RWY 13R			KPSP	PALM SPRINGS	CA (US)
SPECIAL IAP	RNAV (RNP) M RWY 31L		3	KPSP	PALM SPRINGS	CA (US)
DP	LAXX			KLAX	LOS ANGELES	CA (US)
DP	NIKKL			KONT	ONTARIO	CA (US)
DP	CATHEDRAL			KPSP	PALM SPRINGS	CA (US)
DP	HWRRD (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	JEEON (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS		1	KPSP	PALM SPRINGS	CA (US)
DP	THERMAL		1	KPSP	PALM SPRINGS	CA (US)
DP	MECCA			KTRM	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS		1	KTRM	PALM SPRINGS	CA (US)
DP	BERMUDA DUNES (OBSTACLE)		1	KUDD	PALM SPRINGS	CA (US)
DP	TAKEOFF MINIMUMS			KUDD	PALM SPRINGS	CA (US)
DP	SKYES			KRIV	RIVERSIDE	CA (US)
DP	LAKEE			KNKX	SAN DIEGO	CA (US)
DP	VITKO			KNKX	SAN DIEGO	CA (US)
DP	EL TORO			KSNA	SANTA ANA	CA (US)
DP	MUSEL			KSNA	SANTA ANA	CA (US)
EN ROUTE	J134					(US)
EN ROUTE	J169					(US)
EN ROUTE	J236					(US)
EN ROUTE	J78					(US)

QUALITY
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CHECKED

EN ROUTE	V137			(US)
EN ROUTE	V208			(US)
EN ROUTE	V432			(US)
EN ROUTE	V514			(US)
EN ROUTE	V64			(US)
IAP	VOR-B		KBWC	BRAWLEY CA (US)
IAP	RNAV (GPS) Y RWY 24		KCRQ	CARLSBAD CA (US)
IAP	RNAV (RNP) Z RWY 24		KCRQ	CARLSBAD CA (US)
IAP	RNAV (GPS) Z RWY 31L	3	KPSP	PALM SPRINGS CA (US)
IAP	RNAV (RNP) Y RWY 31L	3	KPSP	PALM SPRINGS CA (US)
IAP	RNAV (RNP) Z RWY 13R	3	KPSP	PALM SPRINGS CA (US)
IAP	VOR-B	1	KPSP	PALM SPRINGS CA (US)
IAP	VOR RWY 30	4	KTRM	PALM SPRINGS CA (US)
IAP	VOR-A	4	KTRM	PALM SPRINGS CA (US)
IAP	VOR-C	2	KUDD	PALM SPRINGS CA (US)
IAP	HI-TACAN Z RWY 24R		KNKX	SAN DIEGO CA (US)
STAR	CLOWD		KPSP	PALM SPRINGS CA (US)
STAR	SBONO		KPSP	PALM SPRINGS CA (US)
STAR	SIZLR (RNAV)		KPSP	PALM SPRINGS CA (US)
STAR	CLOWD		KTRM	PALM SPRINGS CA (US)
STAR	SBONO		KTRM	PALM SPRINGS CA (US)
STAR	CLOWD		KUDD	PALM SPRINGS CA (US)
STAR	SBONO		KUDD	PALM SPRINGS CA (US)
STAR	ARKOE		KRIV	RIVERSIDE CA (US)
STAR	BARET		KSAN	SAN DIEGO 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: 32

DATE OF REVISION: 06/12/2025

REASON FOR REVISION:

FIX USE: ADDED HWRDD (RNAV) AND JEEON (RNAV) DP'S AT KPSP.

FIX USE: REMOVED VOR OR GPS-B AT KSP.

11/20/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/15/24

1. FIX USE: REMOVED - IAP RNAV (GPS) Z RWY 6 AT KPSP PALM SPRINGS CA.

04/23/25: THIS IS A CORRECTED COPY OF THE FORM APPROVED ON 11/15/24

1. ADDED PAT 3 TO RNAV (RNP) Z RWY 13R AT KPSP. - FORM CORRECTION

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A421

NAME: LEO PALMER

APPROVED BY:

DATE: 05/08/2025

OFFICE: AJV-A421

NAME: DAVID DANNER

SIGNATURE:

Digitally signed by

DAVID DANNER

Apr 28, 2025

