

# RADIO FIX AND HOLDING DATA RECORD

NAME: JOTNU

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 341933.11N/1153146.29W

TYPE: WP, 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	FEET	MRA	MAA
1	GOFFS	GFS	VORTAC	VL	185.00	200.00	51.30	51.30		12000	22000
2	TWENTYNINE PALMS	TNP	VORTAC	L	028.00	043.00	17.51	17.51		6600	42000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GFS	VORTAC	R-185	52	12000	22000
TNP	VORTAC	R-028	18	14500	42000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

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

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HWRRD (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	IKONE (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	OYODA (RNAV)			KHND	LAS VEGAS	NV (US)
DP	MCCARRAN	2		KLAS	LAS VEGAS	NV (US)
DP	RADYR (RNAV)			KLAS	LAS VEGAS	NV (US)
EN ROUTE	V514	1, 2				(US)
EN ROUTE	V538	1, 2				(US)
STAR	CLOWD	2		KPSP	PALM SPRINGS	CA (US)
STAR	RDBUL (RNAV)			KPSP	PALM SPRINGS	CA (US)
STAR	SBONO	2		KPSP	PALM SPRINGS	CA (US)
STAR	RDBUL (RNAV)			KTRM	PALM SPRINGS	CA (US)
STAR	RDBUL (RNAV)			KUDD	PALM SPRINGS	CA (US)
STAR	NTNDO (RNAV)			KHND	LAS VEGAS	NV (US)
STAR	RNDRZ (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	NTNDO (RNAV)			KVGT	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 06/12/2025

## REASON FOR REVISION:

FIX USE: ADDED IKONE (RNAV) TO FIX USE.  
FIX USE: ADDED STAR RDBUL (RNAV) AND DP HWRRD (RNAV)  
FAC 1: CHANGED FROM L TO VL.  
CHARTING: ADDED CONTROLLER LOW AND HIGH.

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: ZELMA

STATE: CA

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 344659.99N/1151947.51W

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	FEET	MRA	MAA
1	GOFFS	GFS	VORTAC	VL	185.00	200.00	22.17	22.17		7400	22000
2	NEEDLES	EED	VORTAC	H	256.65	271.65		42.31		8000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
EED	VORTAC	R-257	43	8000	15200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

NEEDLES (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	HWRRD (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	IKONE (RNAV)			KPSP	PALM SPRINGS	CA (US)
DP	OYODA (RNAV)			KHND	HENDERSON	NV (US)
DP	RADYR (RNAV)			KLAS	LAS VEGAS	NV (US)
EN ROUTE	Q73					(US)
EN ROUTE	V514	1, 2				(US)
EN ROUTE	V538	1, 2				(US)
STAR	CLOWD	2		KPSP	PALM SPRINGS	CA (US)
STAR	RDBUL (RNAV)			KPSP	PALM SPRINGS	CA (US)
STAR	SBONO	2		KPSP	PALM SPRINGS	CA (US)
STAR	RDBUL (RNAV)			KTRM	PALM SPRINGS	CA (US)
STAR	RDBUL (RNAV)			KUDD	PALM SPRINGS	CA (US)
STAR	NTNDO (RNAV)			KHND	LAS VEGAS	NV (US)
STAR	LARKK	1		KLAS	LAS VEGAS	NV (US)
STAR	RNDRZ (RNAV)			KLAS	LAS VEGAS	NV (US)
STAR	NTNDO (RNAV)			KVGT	LAS VEGAS	NV (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 9

DATE OF REVISION: 06/12/2025

## REASON FOR REVISION:

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

FIX USE: ADDED DP HWRRD (RNAV).

FIX USE: ADDED STAR RDBUL KPSP, KTRM AND KUDD.

MAKE - UP FACILITIES: CHANGED FAC 1 CLASS FROM L TO VL.

REMOVED AIRSPACE DOCKET

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: