

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

NAME: GORSY STATE: CA COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 345119.83N/1143841.85W 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	MRA FEET	MAA
1	NEEDLES	EED	VORTAC	H	287.47	302.47	10.00	10.00	6300	17500

HOLDING: HOLDING TYPE OF ACTION: MODIFY

### PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH DME	HOLDING ALTITUDES MIN	MAX	TEMPLATES MIN	MAX
1	E		WP	109.47	289.47	R	7	6300	8000	9	15

### CONTROLLING OBSTRUCTIONS:

PAT	AIR SPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	344821.00N/1144400.00W	3330	4E
1	310	AAO	345706.00N/1142151.00W	3934	4E

### PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
1	310	241
1	230	94

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

### PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	RNAV (GPS) RWY 32	KHII	LAKE HAVASU CITY	AZ (US)

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	V135	1				(US)
IAP	RNAV (GPS) RWY 34			KIFP	BULLHEAD CITY	AZ (US)
IAP	RNAV (GPS) RWY 32		1	KHII	LAKE HAVASU CITY	AZ (US)

REQUIRED CHARTING: IAP, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5 DATE OF REVISION: 03/02/2017

### REASON FOR REVISION:

REMOVED FAC 2.  
UPDATED FIX USE FORMAT.  
MOVED HOLDING LIMITED TO ESTABLISHED PATTERN FROM REMARKS TO HOLDING RESTRICTIONS.  
MOVED PRECIP TERRAIN ADJUSTMENT FROM REMARKS TO PRECIPITOUS TERRAIN ADDITIONS.  
INCREASED PAT 1 MAX TEMPLATE FROM 9 TO 15.  
ADDED DIST FROM FAC IN NM TO FAC 1.

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 09/28/2016	OFFICE: AJV-5432	NAME: DAVID DANNER
APPROVED BY:	DATE:	OFFICE: AJV-5430	NAME: LONNIE EVERHART

SIGNATURE:

DISTRIBUTION: NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY: IFP ATCT  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** HODKI **STATE:** AZ **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 342637.11N/1141605.47W **TYPE:** WP

**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	FAC FEET	MRA	MAA
1	KHII R32	null				149.65	49752.53				17500

**HOLDING:** **HOLDING TYPE OF ACTION:** NO CHANGE

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAKE HAVASU CITY (KHII) - RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1 **DATE OF REVISION:** 08/27/2009

**REASON FOR REVISION:**  
CHANGED STATE FROM WA TO AZ.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 02/26/2009	<b>OFFICE:</b> AVN-130	<b>NAME:</b> JIMMY HUGHES
<b>APPROVED BY:</b>	<b>DATE:</b> 04/08/2009	<b>OFFICE:</b> AVN-130	<b>NAME:</b> RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:**  
NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY:  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** JADUV

**STATE:** AZ

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 343525.62N/1142219.06W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KHII R32	null				329.65	2.00				17500

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAKE HAVASU CITY (KHII) - RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 01/15/2009

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 09/06/2008

**OFFICE:** AVN-130

**NAME:** DEZ SILAGYI (ANDREW FIELDS)

**APPROVED BY:**

**DATE:** 10/27/2008

**OFFICE:** AVN-130

**NAME:** RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY:  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** MEMPE

**STATE:** AZ

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 344528.56N/1140902.10W

**TYPE:** WP, DME

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** MODIFY

**FIX MAKE-UP FACILITIES:**

<b>FAC</b>	<b>NAME</b>	<b>IDENT</b>	<b>TYPE</b>	<b>CLASS</b>	<b>MAG BRG</b>	<b>TRUE BRG</b>	<b>DME</b>	<b>DIST FROM NM</b>	<b>FAC FEET</b>	<b>MRA</b>	<b>MAA</b>
1	NEEDLES	EED	VORTAC	H	076.64	091.64	16.00	16.00		10000	17500

**REMARKS:**

NEEDLES (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

<b>USE TYPE</b>	<b>USE TITLE</b>	<b>FAC</b>	<b>PAT</b>	<b>AIRPORT IDENT</b>	<b>CITY</b>	<b>STATE</b>
EN ROUTE	V 12	1				(US)
IAP	RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)
IAP	RNAV (GPS) RWY 29	1		KEED	NEEDLES	CA (US)

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

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 1

**DATE OF REVISION:** 01/10/2013

**REASON FOR REVISION:**

ADDED DIST FROM NEEDLES.  
UPDATED FIX USE.  
REMOVED HAVOX FROM FAC 2.

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 07/31/2012

**OFFICE:** AJV-311

**NAME:** TOBY HUFF (GREGORY MILLS)

**APPROVED BY:**

**DATE:** 11/08/2012

**OFFICE:** AJV-311

**NAME:** RAY NUSSEAR

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: LAX  
ARTCC: ZLA  
ATC FACILITY:  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** OGSOE **STATE:** AZ **COUNTRY:** US **ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 342119.91N/1141221.98W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KHII R32	null				149.65	14.30				17500

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAKE HAVASU CITY (KHII) - RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 01/15/2009

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 09/06/2008	<b>OFFICE:</b> AVN-130	<b>NAME:</b> DEZ SILAGYI (ANDREW FIELDS)
<b>APPROVED BY:</b>	<b>DATE:</b> 10/27/2008	<b>OFFICE:</b> AVN-130	<b>NAME:</b> RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:**  
NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY:  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

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

LATITUDE/LONGITUDE: 340607.10N/1144055.44W 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	MRA	MAA
								NM FEET		
1	PARKER	PKE	VORTAC	H						45000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

### PATTERNS:

PAT	DIR	IDENT	TYPE	RAD/CRS/BRG	CRS INBOUND	TURN (L OR R)	LEG LENGTH	HOLDING ALTITUDES	TEMPLATES
							TIME DME	MIN MAX	MIN MAX
1	SW	PKE	VORTAC	234.00	054.00	L	1	5000 10000	5 9
2	SW	WP	WP	234.00	054.00	L	5	5500 10000	6 10

### CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	340326.77N/1143851.59W	2867	2C
2	200	AAO	340326.77N/1143851.59W	2867	2C
2	310	AAO	341351.00N/1144824.00W	3960	

### PRECIPITOUS TERRAIN ADDITIONS:

PAT	SPEED	ADDITION
2	200	110
2	310	220

### REASON FOR NONSTANDARD HOLDING:

PAT 1 TO REMAIN CLEAR OF TURTLE & QUAIL MOA  
PAT 2 TO REMAIN CLEAR OF TURTLE & QUAIL MOA

### HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

### PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	RNAV (GPS) RWY 1	KP20	PARKER	AZ (US)

### REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETE.  
IPDS PROVIDED ACCURACY FOR PAT2 310 KT CONTROLLING OBSTACLE: 102/0.  
PKE VORTAC MAG VAR: 1965/E15.

### FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TEXTUAL DEPARTURE			KP20	PARKER	AZ (US)
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
EN ROUTE	J104					(US)
EN ROUTE	J134					(US)
EN ROUTE	J4					(US)
EN ROUTE	J74					(US)
EN ROUTE	J78					(US)
EN ROUTE	J96					(US)
EN ROUTE	V135					(US)
EN ROUTE	V264					(US)
EN ROUTE	V432					(US)
EN ROUTE	V442					(US)
IAP	RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)
IAP	RNAV (GPS) RWY 1		2	KP20	PARKER	AZ (US)
IAP	VOR/DME-A		1	KP20	PARKER	AZ (US)
STAR	BARET			KNZY	SAN DIEGO	CA (US)
STAR	CHASR (RNAV)			KNZY	SAN DIEGO	CA (US)
STAR	BARET			KSAN	SAN DIEGO	CA (US)
STAR	LUCKI (RNAV)			KSAN	SAN DIEGO	CA (US)
STAR	TOPGN (RNAV)			KSAN	SAN DIEGO	CA (US)
STAR	CHASR (RNAV)			KSDM	SAN DIEGO	CA (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 12

DATE OF REVISION: 02/01/2018

**INFORMATION ONLY****REASON FOR REVISION:**

1. UPDATED FIX USE: DELETED KSAN LYNDI (RNAV) STAR - LYNDI 4 STAR CANCELLED.
2. REMARK ADDED: PKE VORTAC MAG VAR: 1965/E15.
3. UPDATED FIX USE: KNZY BARET STAR ADDED.
4. REQUIRED CHARTING UPDATED: ADDED MILITARY STAR.

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 09/28/2017	<b>OFFICE:</b> AJV-5433	<b>NAME:</b> ANDREA CHANEY
<b>APPROVED BY:</b>	<b>DATE:</b>	<b>OFFICE:</b> AJV-5430	<b>NAME:</b> PATRICK MULQUEEN

**SIGNATURE:**

**DISTRIBUTION:** NFDG  
FPO: WST  
ARTCC: ZLA, ZAB  
ATC FACILITY: SOCAL  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** REKVE **STATE:** AZ **COUNTRY:** US **ICAO REGION CODE:** K2  
**LATITUDE/LONGITUDE:** 343040.24N/1141857.14W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	KHII R32	null				149.65	3.50			1840	17500

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAKE HAVASU CITY (KHII) - RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 01/15/2009

<b>INITIATED BY:</b>	<b>DATE:</b>	<b>ORGANIZATION:</b>	<b>NAME:</b>
<b>DEVELOPED BY:</b>	<b>DATE:</b> 09/06/2008	<b>OFFICE:</b> AVN-130	<b>NAME:</b> DEZ SILAGYI (ANDREW FIELDS)
<b>APPROVED BY:</b>	<b>DATE:</b> 10/27/2008	<b>OFFICE:</b> AVN-130	<b>NAME:</b> RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:** NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY:  
OTHER:



# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** TASGE

**STATE:** AZ

**COUNTRY:** US

**ICAO REGION CODE:** K2

**LATITUDE/LONGITUDE:** 342522.00N/1140400.86W

**TYPE:** WP

**AIRSPACE DOCKET:**

**FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	OGSOE	null				059.73	8.00				17500

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAKE HAVASU CITY (KHII) - RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG

**DATE OF REVISION:** 01/15/2009

**INITIATED BY:**

**DATE:**

**ORGANIZATION:**

**NAME:**

**DEVELOPED BY:**

**DATE:** 09/06/2008

**OFFICE:** AVN-130

**NAME:** DEZ SILAGYI (ANDREW FIELDS)

**APPROVED BY:**

**DATE:** 10/27/2008

**OFFICE:** AVN-130

**NAME:** RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:**

NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY:  
OTHER:

# INFORMATION ONLY

## RADIO FIX AND HOLDING DATA RECORD

**NAME:** UCAYI **STATE:** AZ **COUNTRY:** US **ICAO REGION CODE:** K2  
**LATITUDE/LONGITUDE:** 341334.86N/1141449.17W **TYPE:** WP

**AIRSPACE DOCKET:** **FIX TYPE OF ACTION:** ESTABLISH

**FIX MAKE-UP FACILITIES:**

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM NM	FAC FEET	MRA	MAA
1	OGSOE	null				194.73	8.00				17500

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	LAKE HAVASU CITY (KHII) - RNAV (GPS) RWY 32			KHII	LAKE HAVASU CITY	AZ (US)

**REQUIRED CHARTING:** IAP

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** ORIG **DATE OF REVISION:** 01/15/2009

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE: 09/06/2008	OFFICE: AVN-130	NAME: DEZ SILAGYI (ANDREW FIELDS)
APPROVED BY:	DATE: 10/27/2008	OFFICE: AVN-130	NAME: RICK WEBB

**SIGNATURE:**

**DISTRIBUTION:**  
NFDC  
FPO: WST  
ARTCC: ZLA  
ATC FACILITY:  
OTHER: