

# RADIO FIX AND HOLDING DATA RECORD

NAME: HOBES

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 345620.18N/1125414.28W

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	PHOENIX	PXR	VORTAC	H	321.00	333.00	101.47	101.47		19000	45000
2	DRAKE	DRK	VORTAC	VH	290.20	304.20	25.27	25.27		10000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
PXR	VORTAC	R-321	102	19000	19200

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

PHOENIX (FAC 1) AND DRAKE (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	CHILY	1, 2		KPHX	PHOENIX	AZ (US)
DP	JONHH	1, 2		KSDL	SCOTTSDALE	AZ (US)
EN ROUTE	J92	2				(US)
EN ROUTE	V105	2				(US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/05/2023

## REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 2 (DRK) CLASS FROM H TO VH.

ESV: UPDATED PXR MAX ALTITUDE FROM 45000 TO 19200.

FIX USE: ADDED J92 AND V105; ADDED FAC 2 TO CHILY DP AT KPHX AND JONHH DP AT KSDL.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER LOW/HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A440

NAME: DAVID DANNER

SIGNATURE:

*Digitally signed by*

**DAVID DANNER**

Mar 29, 2023

QUALITY  
32  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: KEYKE STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 345659.59N/1112312.93W TYPE: 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	MAA
1	DRAKE	DRK	VORTAC	VH	060.35	074.35	56.00	56.00	18000	45000

HOLDING: HOLDING TYPE OF ACTION: MODIFY

## 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	DRK	VORTAC	060.35	240.35	R	1 1/2	18000 45000	18 31

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

USED FOR EN ROUTE CIVIL FLOW CONTROL HOLDING (ZAB).  
 PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J134	1	1			(US)
EN ROUTE	J96	1	1			(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2

DATE OF REVISION: 10/05/2023

## REASON FOR REVISION:

FIX MAKE-UP FACILITIES: CHANGED FAC 1 (DRK) CLASS FROM H TO VH; MAG/TRUE BRG FROM 060.00/074.00 TO 060.35/074.35; MAA FROM 41000 TO 45000 AND ADDED DIST FROM FAC 56.00.

HOLDING: CHANGED RAD/CRS/BRG AND CRS INBOUND TO MATCH NEW FAC 1 (DRK) DATA; REMOVED LEG LENGTH; CHANGED HOLDING ALTITUDES MAX FROM 41000 TO 45000 AND TEMPLATES MIN/MAX FROM 4/27 TO 18/31. REMOVED CONTROLLING OBST - EN ROUTE HIGH HOLDING.

HOLDING RESTRICTIONS: ADDED HOLDING LIMITED TO ESTABLISHED PATTERN.

REMARKS: REMOVED FIX ASSOCIATED WITH: (LAX FIFO) AND ADDED PRECIPITOUS TERRAIN EVALUATION COMPLETED.

FIX USE: ADDED J134/J96.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY: DATE: ORGANIZATION: NAME:

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A442 NAME: DAN POWELL

APPROVED BY: DATE: 10/05/2023 OFFICE: AJV-A440 NAME: DAVID DANNER

SIGNATURE: Digitally signed by  
**DAVID DANNER**  
 Mar 29, 2023

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# RADIO FIX AND HOLDING DATA RECORD

NAME: PYRIT

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 345210.39N/1103041.16W

TYPE: 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	FAC FEET	MRA	MAA
1	WINSLOW	INW	VORTAC	H	115.36	129.36	18.11	18.11		18000	45000
2	ZUNI	ZUN	VORTAC	VH	251.47	265.47	67.20	67.20		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

WINSLOW (FAC 1) AND ZUNI (FAC 2) USED TO ESTABLISH FIX COORDINATES.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J6	2				(US)
EN ROUTE	J78	2				(US)
EN ROUTE	J86	1				(US)

REQUIRED CHARTING: EN ROUTE HIGH, CONTROLLER HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 1

DATE OF REVISION: 10/05/2023

## REASON FOR REVISION:

FIX MAKE-UP FACILITIES: ADDED TO FAC 1 (INW) DIST FROM FAC 18.11 NM; CHANGED FAC 2 (ZUN) CLASS FROM H TO VH AND ADDED DIST FROM FAC 67.20 NM.

REMARKS: ADDED WINSLOW (FAC 1) AND ZUNI (FAC 2) USED TO ESTABLISH FIX COORDINATES.

FIX USE: UPDATED TO CURRENT FORMAT AND ADDED J86.

REQUIRED CHARTING: CHANGED CONTROLLER TO CONTROLLER HIGH.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A440

NAME: DAVID DANNER

SIGNATURE:

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**DAVID DANNER**

Mar 29, 2023

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# RADIO FIX AND HOLDING DATA RECORD

NAME: WINSLOW VORTAC

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 350341.76N/1104742.07W

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	WINSLOW	INW	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 TIME	LENGTH DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	W	INW	VORTAC	278.00	098.00	L	1		7000 17500	8 16
2	NE	INW	VORTAC	061.00	241.00	L		10	12000 14000	15 15
3	N		WP	338.07	158.07	L		10	20000 45000	18 30
4	W	INW	VORTAC	248.00	068.00	R	1		8900 17500	9 16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	350436.00N/1110151.00W	5657	4E
2	210	AAO	350821.00N/1102905.00W	5620	4E
4	230	AAO	345418.00N/1105745.00W	6556	4E
4	310	AAO	350034.78N/1111155.46W	7034	6A

REASON FOR NONSTANDARD HOLDING:

PAT 1 ATC REQUEST.

PAT 2 ATC REQUEST.

PAT 3 ATC REQUEST.

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN(S)

PAT 2 CHART 210K ICON

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
4	TAKEOFF MINIMUMS	KINW	WINSLOW	AZ (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

PAT 3 IN HIGH ALTITUDE STRATUM--OBSTACLE EVALUATION NOT CONDUCTED.

ASSIGNED FACILITY MAG VAR: E14 EPOCH YR: 1965.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GLENDALE			KGEU	GLENDALE	AZ (US)
DP	GOODYEAR			KGYR	GOODYEAR	AZ (US)
DP	TAKEOFF MINIMUMS		4	KINW	WINSLOW	AZ (US)
EN ROUTE	J108					(US)
EN ROUTE	J44					(US)
EN ROUTE	J86					(US)
EN ROUTE	V12					(US)
EN ROUTE	V264					(US)
EN ROUTE	V291					(US)
EN ROUTE	V567					(US)
EN ROUTE	V572					(US)
EN ROUTE	V95					(US)
IAP	ILS OR LOC RWY 21			KFLG	FLAGSTAFF	AZ (US)
IAP	VOR OR GPS RWY 11		1	KINW	WINSLOW	AZ (US)
STAR	DSERT (RNAV)			KCHD	CHANDLER	AZ (US)
STAR	DSERT (RNAV)			P19	CHANDLER	AZ (US)
STAR	DSERT (RNAV)			KGEU	GLENDALE	AZ (US)
STAR	DSERT (RNAV)			KFFZ	MESA	AZ (US)
STAR	DSERT (RNAV)			KDVT	PHOENIX	AZ (US)
STAR	DSERT (RNAV)			KIWA	PHOENIX	AZ (US)
STAR	HUUTY (RNAV)		3	KIWA	PHOENIX	AZ (US)
STAR	BUNTR			KPHX	PHOENIX	AZ (US)
STAR	DSERT (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	EAGUL (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	JESSE		2	KPHX	PHOENIX	AZ (US)
STAR	DSERT (RNAV)			KSDL	SCOTTSDALE	AZ (US)

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

COMPULSORY REPORTING POINT: LOW



RECORD REVISION NUMBER: 23

DATE OF REVISION: 10/05/2023

## REASON FOR REVISION:

COMPULSORY REPORTING POINT: ADDED COMPULSORY LOW.

INITIATED BY:

DATE:

ORGANIZATION:

NAME:

OFFICE OF PRIMARY RESPONSIBILITY:

AJV-A442

NAME: DAN POWELL

APPROVED BY:

DATE: 10/05/2023

OFFICE: AJV-A440

NAME: DAVID DANNER

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