

# RADIO FIX AND HOLDING DATA RECORD

NAME: ALEYS STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 331748.11N/1120256.63W TYPE: INT, 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	WILLIE	IWA	VORTAC	L	256.00	269.00	20.00	20.00	6000	14000
2	PHOENIX	PXR	VORTAC	H	193.92	205.92		9.08	6000	14000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

WILLIE (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ARLIN	1, 2		KCHD	CHANDLER	AZ (US)
STAR	ALRIN	1, 2		KP19	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KFFZ	MESA	AZ (US)
STAR	BLYTHE	1, 2		KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2		KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	1, 2		KSDL	SCOTTSDALE	AZ (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

ADDED FAC 1 AND FAC 2 NM DISTANCE.  
 REMOVED NAD 83 AND L/L DME REMARKS.  
 ADDED REMARK: FAC 1 USED TO ESTABLISH FACILITY COORDINATES.  
 REFORMATTED ARLIN AND BLYTHE STARS AT KPHX AND ADDED THE 6 REMAINING AIRPORTS.

DEVELOPED BY: DATE: 02/07/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING

APPROVED BY: DATE: Digitally signed by OFFICE: AJV-5420 NAME: JULIE MORGAN  
 JON DENTON  
 SIGNATURE: Feb 23, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: AMBRR STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 331727.65N/1122050.07W TYPE: INT, 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	WILLIE	IWA	VORTAC	L	256.00	269.00	35.00	35.00	6500	12000
2	GILA BEND	GBN	VORTAC	H	025.33	039.33		25.95	6500	12000

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

WILLIE (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ARLIN	1, 2		KCHD	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KP19	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KFFZ	MESA	AZ (US)
STAR	BLYTHE	1, 2		KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2		KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	1, 2		KSDL	SCOTTSDALE	AZ (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 2 DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

ADDED FAC 1 AND FAC 2 NM DISTANCE.  
 CHANGED FAC 2 TRUE BRG FROM 039.44 TO 039.33.  
 REMOVED FACILITY DME REMARK.  
 ADDED FAC 1 COORDINATES REMARK.  
 REFORMATTED FIX USE AT KPHX FOR ARLIN AND BLYTHE STARS AND ADDED THE REMAINING 6 AIRPORTS.

DEVELOPED BY: DATE: 02/06/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING

APPROVED BY: DATE: *Digitally signed by* OFFICE: AJV-5420 NAME: JULIE MORGAN  
*JON DENTON*

SIGNATURE: Feb 23, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER:

QUALITY  
17  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: ARLIN STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 331701.37N/1124106.47W TYPE: INT, 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	WILLIE	IWA	VORTAC	L	256.00	269.00	52.00	52.00	10000	17500
2	BUCKEYE	BXK	VORTAC	L	131.38	145.38		12.35	10000	17500
3	GILA BEND	GBN	VORTAC	H	344.40	358.40		19.62	10000	17500

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IWA	VORTAC	R-256	52	10000	17500

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	W	IWA	VORTAC	256.00	076.00	R	1-1 1/2	10000 17500	11 18

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	331012.36N/1125256.31W	3371	1C

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

WILLIE (FAC 1) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN NOT EVALUATED; FULL EN ROUTE ROC APPLIED, PER 8260.3, PARA 3.2.2B.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ARLIN	1, 2, 3	1	KCHD	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2, 3	1	KP19	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2, 3	1	KFFZ	MESA	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2, 3	1	KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2, 3	1	KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2, 3	1	KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2, 3	1	KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	1, 2, 3	1	KSDL	SCOTTSDALE	AZ (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE LOW

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

ADDED FACS 1 - 3 NM DISTANCE.  
 REFORMATTED IWA ESV INFORMATION.  
 CHANGED PAT 1 LEG LENGTH TIME FROM 1 TO 1-1 1/2 AND REMOVED DME LENGTH.  
 NEW PAT 1 CONTROLLING OBSTACLE.  
 REFORMATTED ENTIRE FIX USE SECTION.  
 REMOVED REMARK: CHART HOLDING ON ARLIN STAR ONLY.  
 ADDED REMARK FOR NOT EVALUATING PRECIPITOUS TERRAIN.

DEVELOPED BY: DATE: 02/03/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING

APPROVED BY: DATE: Digitally signed by OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE: JON DENTON  
 Feb 23, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON



OTHER:

QUALITY  
17  
CHECKED

# 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	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 TIME DME	HOLDING ALTITUDES MIN MAX	TEMPLATES MIN MAX
1	E	BLH	VORTAC	080.00	260.00	R	1-1 1/2	4000 17500	4 16
2	W	WP	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.

## 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)			KFFZ	MESA	AZ (US)
DP	IZZZO (RNAV)			KDVT	PHOENIX	AZ (US)
DP	IZZZO (RNAV)			KIWA	PHOENIX	AZ (US)
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
DP	IZZZO (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	HARYS (RNAV)			KVNY	VAN NUYS	CA (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)
STAR	ARLIN			KCHD	CHANDLER	AZ (US)
STAR	BLYTHE			KCHD	CHANDLER	AZ (US)
STAR	ARLIN			KP19	CHANDLER	AZ (US)
STAR	BLYTHE			KP19	CHANDLER	AZ (US)
STAR	ARLIN			KFFZ	MESA	AZ (US)
STAR	BLYTHE			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)
STAR	ARLIN			KPHX	PHOENIX	AZ (US)
STAR	BLYTHE			KPHX	PHOENIX	AZ (US)
STAR	GEELA (RNAV)	2		KPHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)	2		KPHX	PHOENIX	AZ (US)
STAR	ARLIN			KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE			KSDL	SCOTTSDALE	AZ (US)

QUALITY  
17  
CHECKED

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, IAP, CONTROLLER, EN ROUTE LOW, EN ROUTE HIGH

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 11

**DATE OF REVISION:** 04/27/2017

**REASON FOR REVISION:**

ADDED TO FIX USE:

CLOWD AND SBONO STARS: KPSP, KTRM.

ARLIN AND BLYTHE STARS: KCHD, KFFZ, KDVT, KIWA, KSDL, KP19

**DEVELOPED BY:**

**DATE:** 02/02/2017

**OFFICE:** AJV-5420

**NAME:** DAVID DOWLING

**APPROVED BY:**

**DATE:** *Digitally signed by* **OFFICE:** AJV-5420

**NAME:** JULIE MORGAN

**SIGNATURE:** **JON DENTON**

Feb 23, 2017

**DISTRIBUTION:**

**NFDC**

**FPO:** WST

**ARTCC:** ZAB

**ATC FACILITY:** PHX APP CON

**OTHER:**

QUALITY  
17  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: HYDRR STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 331627.50N/1130410.82W 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	MRA	MAA
1	BUCKEYE	BXK	VORTAC	L	215.01	229.01	16.33	16.33	10000	26000
2	WILLIE	IWA	VORTAC	L	256.00	269.00	71.35	71.35	10000	26000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
BXK	VORTAC	R-215	17	19000	26000
IWA	VORTAC	R-256	72	10000	26000

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	SW	BXK	VORTAC	215.01	035.01	R	1-1 1/2	10000 26000	10 21
2	SW	WP	WP	216.53	036.53	R	7	10000 24000	10 20

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	331557.00N/1131351.00W	2550	4E
2	230	AAO	331557.00N/1131351.00W	2550	4E

## HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

## REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	BLYTHE	1, 2	1	KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2	1	KCHD	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2	1	KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2	1	KP19	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2	1	KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2	1	KFFZ	MESA	AZ (US)
STAR	BLYTHE	1, 2	1	KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2	1	KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2	1	KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2	1	KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2	1	KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2	1	KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2	1	KPHX	PHOENIX	AZ (US)
STAR	GEELA (RNAV)		2	KPHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)		2	KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2	1	KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	1, 2	1	KSDL	SCOTTSDALE	AZ (US)

REQUIRED CHARTING: STAR

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FIX USE: ADDED BLYTHE AND ARLIN STARS AT KFFZ.

DEVELOPED BY: DATE: 02/14/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING  
 APPROVED BY: DATE: Digitally signed by JON DENTON OFFICE: AJV-5420 NAME: JULIE MORGAN  
 SIGNATURE: Feb 23, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER: PHX ATCT



# RADIO FIX AND HOLDING DATA RECORD

NAME: JUDTH STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 324859.41N/1134118.22W 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	MRA	MAA
1	GILA BEND	GBN	VORTAC	H	247.00	261.00	51.92	51.92	6000	45000
2	BUCKEYE	BXK	VORTAC	L	215.00	229.00	57.87	57.87	6000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GBN	VORTAC	R-247	52	6000	15300
BXK	VORTAC	R-215	58	6000	45000

## FIX RESTRICTIONS:

MCA V66 6000 WESTBOUND

HOLDING: HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

GILA BEND (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JUDTH (RNAV)			KCHD	CHANDLER	AZ (US)
DP	JUDTH (RNAV)			KGEU	GLENDALE	AZ (US)
DP	JUDTH (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	JUDTH (RNAV)			KFFZ	MESA	AZ (US)
DP	JUDTH (RNAV)			KDVT	PHOENIX	AZ (US)
DP	JUDTH (RNAV)			KIWA	PHOENIX	AZ (US)
DP	JUDTH (RNAV)			KPHX	PHOENIX	AZ (US)
DP	JUDTH (RNAV)			KSDL	SCOTTSDALE	AZ (US)
EN ROUTE	J2-18	1, 2				AZ (US)
EN ROUTE	V66	1, 2				AZ (US)
STAR	ARLIN	1, 2		KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KPHX	PHOENIX	AZ (US)
STAR	GEELA (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KSDL	SCOTTSDALE	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

ADDED ARLIN STAR AT KP19 IN FIX USE.

DEVELOPED BY: DATE: 02/14/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING

APPROVED BY: DATE: Digitally signed by OFFICE: AJV-5420 NAME: JULIE MORGAN

SIGNATURE: JON DENTON  
 Feb 23, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER: PHX ATCT

QUALITY  
17  
CHECKED



# RADIO FIX AND HOLDING DATA RECORD

NAME: MOHAK STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 324633.04N/1135819.55W 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	MRA	MAA
1	GILA BEND	GBN	VORTAC	H	247.00	261.00	66.47	66.47	6000	45000
2	BARD	BZA	VORTAC	H	075.00	089.00	31.91	31.91	4000	45000

## EXPANDED SERVICE VOLUME (ESV):

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
GBN	VORTAC	R-247	67	6000	45000

## FIX RESTRICTIONS:

MCA V66 6000 EASTBOUND

## HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## REMARKS:

GILA BEND (FAC 1) USED TO ESTABLISH FIX COORDINATES

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	JUDTH (RNAV)			KCHD	CHANDLER	AZ (US)
DP	MOHAK THREE	US NAVY DP	1	KE63	GILA BEND	AZ (US)
DP	JUDTH (RNAV)			KGEU	GLENDALE	AZ (US)
DP	JUDTH (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	JUDTH (RNAV)			KFFZ	MESA	AZ (US)
DP	JUDTH (RNAV)			KDVT	PHOENIX	AZ (US)
DP	JUDTH (RNAV)			KIWA	PHOENIX	AZ (US)
DP	JUDTH (RNAV)			KPHX	PHOENIX	AZ (US)
DP	JUDTH (RNAV)			KSDL	SCOTTSDALE	AZ (US)
EN ROUTE	J2-18	1, 2				AZ (US)
EN ROUTE	V66	1, 2				AZ (US)
STAR	ARLIN	1, 2		KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KPHX	PHOENIX	AZ (US)
STAR	GEELA (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KSDL	SCOTTSDALE	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FIX USE: ADDED 6 AIRPORTS FOR ARLIN STAR IN ADDITION TO KPHX.

DEVELOPED BY: DATE: 02/07/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING

APPROVED BY: DATE: Digitally signed by OFFICE: AJV-5420 NAME: JULIE MORGAN

JON DENTON

SIGNATURE: Feb 23, 2017

## DISTRIBUTION:

NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER:

QUALITY  
17  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

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

**LATITUDE/LONGITUDE:** 331647.85N/1125038.81W **TYPE:** INT, 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	WILLIE	IWA	VORTAC	L	256.00	269.00	60.00	60.00	10000	17500
2	BUCKEYE	BXK	VORTAC	L	171.40	185.40		10.44	10000	17500

**EXPANDED SERVICE VOLUME (ESV):**

FAC IDENT	FAC TYPE	RADIAL/BEARING	DISTANCE	MIN ALTITUDE	MAX ALTITUDE
IWA	VORTAC	R-256	60	10000	17500

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

**REMARKS:**

WILLIE (FAC 1) USED TO ESTABLISH FIX COORDINATES

**FIX USE:**

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
STAR	ARLIN	1, 2		KCHD	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KP19	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KFFZ	MESA	AZ (US)
STAR	BLYTHE	1, 2		KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2		KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	1, 2		KSDL	SCOTTSDALE	AZ (US)

**REQUIRED CHARTING:** STAR

**COMPULSORY REPORTING POINT:** NO

**RECORD REVISION NUMBER:** 2 **DATE OF REVISION:** 04/27/2017

**REASON FOR REVISION:**

ADDED FAC 1 AND FAC 2 NM DISTANCE.  
 REFORMATTED IWA ESV.  
 ADDED FAC 1 COORDINATES REMARK.  
 REFORMATTED ENTIRE FIX USE SECTION.

**DEVELOPED BY:** **DATE:** 02/03/2017 **OFFICE:** AJV-5422 **NAME:** DAVID DOWLING

**APPROVED BY:** **DATE:** *Digitally signed by* **OFFICE:** AJV-5420 **NAME:** JULIE MORGAN  
*JON DENTON*

**SIGNATURE:** Feb 23, 2017

**DISTRIBUTION:** NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER:



# RADIO FIX AND HOLDING DATA RECORD

NAME: SCOLE

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 332745.80N/1140454.40W

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 NM	FAC FEET	MRA	MAA
1	BLYTHE	BLH	VORTAC	H	089.00	103.00	35.00	35.00		18000	45000

HOLDING:

HOLDING TYPE OF ACTION: NO CHANGE

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	Q4					AZ (US)
STAR	ARLIN	1		KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1		KFFZ	MESA	AZ (US)
STAR	ARLIN	1		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1		KPHX	PHOENIX	AZ (US)
STAR	GEELA (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)			KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1		KSDL	SCOTTSDALE	AZ (US)

REQUIRED CHARTING: STAR, CONTROLLER, EN ROUTE HIGH

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 5

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

FIX USE: ADDED SIX AIRPORTS FOR ARLIN STAR EXCEPT FOR KPHX.

DEVELOPED BY:

DATE: 02/03/2017

OFFICE: AJV-5422

NAME: DAVID DOWLING

APPROVED BY:

DATE: *Digitally signed by* OFFICE: AJV-5420

NAME: JULIE MORGAN

SIGNATURE: **JON DENTON**

Feb 23, 2017

DISTRIBUTION:

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FPO: WST  
ARTCC: ZAB  
ATC FACILITY: PHX APP CON  
OTHER: PHX ATCT

QUALITY  
17  
CHECKED

# RADIO FIX AND HOLDING DATA RECORD

NAME: TUKEE STATE: AZ COUNTRY: US ICAO REGION CODE: K2  
 LATITUDE/LONGITUDE: 331757.55N/1115350.80W TYPE: INT, 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	PHOENIX	PXR	VORTAC	H	143.44	155.44	8.80	8.80	3000	45000
2	WILLIE	IWA	VORTAC	L	256.00	269.00		12.37	3000	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	SE	PXR	VORTAC	143.44	323.44	R	1-1 1/2	9000 12000	9 9

## CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	AAO	331041.00N/1114225.00W	3304	4E

## HOLDING RESTRICTIONS:

PAT 1 NOT CHARTED: FOR ATC USE.  
 HOLDING LIMITED TO ESTABLISHED PATTERN.

## REMARKS:

PHOENIX (FAC 1) USED TO ESTABLISH FIX COORDINATES  
 PRECIPITOUS TERRAIN EVALUATED.

## FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
EN ROUTE	J11	1				(US)
EN ROUTE	V16	1				(US)
STAR	ARLIN	1, 2		KCHD	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KCHD	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KP19	CHANDLER	AZ (US)
STAR	BLYTHE	1, 2		KP19	CHANDLER	AZ (US)
STAR	ARLIN	1, 2		KFFZ	MESA	AZ (US)
STAR	BLYTHE	1, 2		KFFZ	MESA	AZ (US)
STAR	ARLIN	1, 2		KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KDVT	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KIWA	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	1, 2		KPHX	PHOENIX	AZ (US)
STAR	ARLIN	1, 2		KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	1, 2		KSDL	SCOTTSDALE	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 4

DATE OF REVISION: 04/27/2017

## REASON FOR REVISION:

ADDED FAC 1 AND FAC 2 NM DISTANCE.  
 CHANGED PAT 1 LEG LENGTH FROM 1 TO 1-1 1/2.  
 ADDED PAT 1 HOLDING RESTRICTIONS.  
 UPDATED PAT 1 CONTROLLING OBSTACLE DESIGNATION AND CHANGED ACCURACY CODE FROM 6A TO 4E.  
 REMOVED CHARTING INSTRUCTION REMARK.  
 REMOVED UNCHARTED HOLDING REMARK.  
 ADDED FAC 1 COORDINATES REMARK.  
 REFORMATTED ENTIRE FIX USE SECTION.

DEVELOPED BY: DATE: 02/07/2017 OFFICE: AJV-5422 NAME: DAVID DOWLING

APPROVED BY: DATE: Digitally signed by OFFICE: AJV-5420 NAME: JULIE MORGAN

JON DENTON  
 SIGNATURE: Feb 23, 2017

DISTRIBUTION: NFDC  
 FPO: WST  
 ARTCC: ZAB  
 ATC FACILITY: PHX APP CON  
 OTHER:

QUALITY  
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CHECKED