

RADIO FIX AND HOLDING DATA RECORD

NAME: CHANDLER NDB STATE: AZ COUNTRY: US ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 331559.36N/1114828.49W TYPE:

AIRSPACE DOCKET: FIX TYPE OF ACTION: CANCEL

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	MRA	MAA
1	CHANDLER	CHD	NDB	MH						17500

HOLDING: HOLDING TYPE OF ACTION: CANCEL

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	CHD	NDB	230.00	050.00	R	1	3000 8000	4 8

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	230	TREE	330920.00N/1115135.00W	1776	4D

REMARKS:

HOLDING LIMITED TO ESTABLISHED PATTERN

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
IAP	NDB RWY 4R			KCHD	CHANDLER	AZ (US)

REQUIRED CHARTING: IAP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: ORIG DATE OF REVISION: 02/05/1998

REASON FOR REVISION:

TRANSCRIBED TO IFP DATABASE USING ORIG PAPER -2 DATED 02/05/1998

INITIATED BY:	DATE:	ORGANIZATION:	NAME:
DEVELOPED BY:	DATE:	OFFICE:	NAME:
APPROVED BY:	DATE:	OFFICE: AJV-A430	NAME: GEORGE DAVIS
SIGNATURE:		Digitally signed by WARDELL HENNING	
DISTRIBUTION:	NFDC FPO: FTW ARTCC: ZAB ATC FACILITY: OTHER:		
	Jun 22, 2020		

QUALITY
16
CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PHOENIX VORTAC STATE: AZ COUNTRY: US ICAO REGION CODE: K2
 LATITUDE/LONGITUDE: 332558.86N/1115812.73W 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	MRA FEET	MAA
1	PHOENIX	PXR	VORTAC	H						45000

FIX RESTRICTIONS:

MCA V257 9400 NORTHWEST BOUND
 MCA V528 8000 NORTHEAST BOUND

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	PXR	VORTAC	054.00	234.00	R	1		4000	17500	4	16
2	S		WP	182.70	002.70	L		5	4200	17500	6	17
3	E	PXR	VORTAC	075.00	255.00	R	1		5000	17500	5	16
4	E		WP	075.00	255.00	R		5	5000	17500	6	17
5	S	PXR	VORTAC	163.00	343.00	L	1		4200	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	333100.00N/1115742.00W	2687	4E
2	200	TOWER (04-000019)	332002.00N/1120342.00W	3049	1D
3	200	AAO	333100.00N/1115742.00W	2687	4E
4	200	AAO	333100.00N/1115742.00W	2687	4E
5	200	TOWER (04-000019)	332002.00N/1120342.00W	3049	1D

REASON FOR NONSTANDARD HOLDING:

PAT 2 ATC REQUEST
 PAT 5 ATC REQUEST

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED
 HOLDING PATTERN 1 FOR ATC USE.
 ASSIGNED FACILITY MAGVAR: 12 DEGREES EAST.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	GLENDAL			KGEU	GLENDAL	AZ (US)
DP	GOODYEAR			KGYR	GOODYEAR	AZ (US)
DP	MESA (OBSTACLE)			KFFZ	MESA	AZ (US)
DP	TAKE-OFF MINIMUMS			KFFZ	MESA	AZ (US)
DP	DEERVALLEY (OBSTACLE)			KDVT	PHOENIX	AZ (US)
DP	TAKE-OFF MINIMUMS			KDVT	PHOENIX	AZ (US)
DP	PHOENIX (OBSTACLE)			KIWA	PHOENIX	AZ (US)
DP	BADLY			KPHX	PHOENIX	AZ (US)
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
DP	CHILY			KPHX	PHOENIX	AZ (US)
DP	MOBIE			KPHX	PHOENIX	AZ (US)
DP	ST JOHNS			KPHX	PHOENIX	AZ (US)
DP	STANFIELD			KPHX	PHOENIX	AZ (US)
DP	TAKEOFF MINIMUMS			KPHX	PHOENIX	AZ (US)
DP	JONHH			KSDL	SCOTTSDALE	AZ (US)
DP	MARICOPA (OBSTACLE)			KSDL	SCOTTSDALE	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	TAKE-OFF MINIMUMS			KSDL	SCOTTSDALE	AZ (US)
DP	TUCSON			KTUS	TUCSON	AZ (US)
EN ROUTE	J102					(US)
EN ROUTE	J11					(US)
EN ROUTE	J18					(US)
EN ROUTE	J19					(US)
EN ROUTE	J244					(US)
EN ROUTE	J44					(US)
EN ROUTE	J65					(US)
EN ROUTE	J92					(US)
EN ROUTE	T306					(US)
EN ROUTE	V105					(US)
EN ROUTE	V16					(US)
EN ROUTE	V190					(US)
EN ROUTE	V257					(US)
EN ROUTE	V327					(US)

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16
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EN ROUTE	V528			(US)
EN ROUTE	V562			(US)
EN ROUTE	V567			(US)
EN ROUTE	V95			(US)
IAP	RNAV (GPS) RWY 4R	KCHD	CHANDLER	AZ (US)
IAP	VOR RWY 4R	KCHD	CHANDLER	AZ (US)
IAP	VOR-A	KP19	CHANDLER	AZ (US)
IAP	RNAV (GPS) RWY 25L	KDVT	PHOENIX	AZ (US)
IAP	ILS OR LOC RWY 30C	KIWA	PHOENIX	AZ (US)
IAP	RNAV (GPS) RWY 12C	KIWA	PHOENIX	AZ (US)
IAP	RNAV (GPS) RWY 12R	KIWA	PHOENIX	AZ (US)
IAP	VOR OR TACAN RWY 30C	KIWA	PHOENIX	AZ (US)
IAP	ILS OR LOC RWY 25L	KPHX	PHOENIX	AZ (US)
IAP	ILS OR LOC RWY 26	KPHX	PHOENIX	AZ (US)
IAP	ILS OR LOC RWY 7R	KPHX	PHOENIX	AZ (US)
IAP	ILS OR LOC RWY 8	KPHX	PHOENIX	AZ (US)
IAP	ILS OR LOC/DME RWY 7L	3 KPHX	PHOENIX	AZ (US)
IAP	RNAV (GPS) Y RWY 7L	KPHX	PHOENIX	AZ (US)
IAP	RNAV (GPS) Y RWY 7R	KPHX	PHOENIX	AZ (US)
IAP	RNAV (GPS) Y RWY 8	KPHX	PHOENIX	AZ (US)
IAP	RNAV (GPS)-E	2 KSDL	SCOTTSDALE	AZ (US)
IAP	RNAV (GPS) RWY 19	KSLR	SULPHUR SPRINGS	TX (US)
STAR	ARLIN	KCHD	CHANDLER	AZ (US)
STAR	BLYTHE	KCHD	CHANDLER	AZ (US)
STAR	HUUTY (RNAV)	KCHD	CHANDLER	AZ (US)
STAR	SUNSS	KCHD	CHANDLER	AZ (US)
STAR	ARLIN	KP19	CHANDLER	AZ (US)
STAR	BLYTHE	KP19	CHANDLER	AZ (US)
STAR	SUNSS	KP19	CHANDLER	AZ (US)
STAR	SUNSS	KGEU	GLENDALE	AZ (US)
STAR	LENNI	KLUF	GLENDALE	AZ (US)
STAR	SUNSS	KGYR	GOODYEAR	AZ (US)
STAR	ARLIN	KFFZ	MESA	AZ (US)
STAR	BLYTHE	KFFZ	MESA	AZ (US)
STAR	HUUTY (RNAV)	KFFZ	MESA	AZ (US)
STAR	SUNSS	KFFZ	MESA	AZ (US)
STAR	ARLIN	KDVT	PHOENIX	AZ (US)
STAR	BLYTHE	KDVT	PHOENIX	AZ (US)
STAR	SUNSS	KDVT	PHOENIX	AZ (US)
STAR	ARLIN	KIWA	PHOENIX	AZ (US)
STAR	BLYTHE	KIWA	PHOENIX	AZ (US)
STAR	HUUTY (RNAV)	KIWA	PHOENIX	AZ (US)
STAR	SUNSS	KIWA	PHOENIX	AZ (US)
STAR	ARLIN	KPHX	PHOENIX	AZ (US)
STAR	BLYTHE	KPHX	PHOENIX	AZ (US)
STAR	BRUSR (RNAV)	4 KPHX	PHOENIX	AZ (US)
STAR	BUNTR	KPHX	PHOENIX	AZ (US)
STAR	COYOT	KPHX	PHOENIX	AZ (US)
STAR	EAGUL (RNAV)	4 KPHX	PHOENIX	AZ (US)
STAR	HYDRR (RNAV)	KPHX	PHOENIX	AZ (US)
STAR	JESSE	KPHX	PHOENIX	AZ (US)
STAR	PINNG (RNAV)	4 KPHX	PHOENIX	AZ (US)
STAR	SUNSS	KPHX	PHOENIX	AZ (US)
STAR	ARLIN	KSDL	SCOTTSDALE	AZ (US)
STAR	BLYTHE	KSDL	SCOTTSDALE	AZ (US)
STAR	SUNSS	KSDL	SCOTTSDALE	AZ (US)
STAR	DINGO	KTUS	TUCSON	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 08/13/2020

REASON FOR REVISION:

1. REMOVED UPN HOLDING OBSTRUCTIONS: 200 TOWER (04-000019) AND 265 AAO.
2. REMOVED HOLDING RESTRICTION UNPLANNED HOLDING AUTHORIZED FOR 200K AND 230K AT OR ABOVE 5000 AND FOR 265K AND 310K AT OR ABOVE 14000 AND ADDED HOLDING LIMITED TO ESTABLISHED PATTERNS.
3. REMOVED 310K UNPLANNED HOLDING EVALUATED FOR MILITARY USE FROM REMARKS.
4. REMOVED NDB RWY 4R AT KCHD FROM FIX USE.
5. CHANGED VOR OR GPS-A TO VOR-A AT KP19 IN FIX USE.
6. REMOVED VOR/DME-A AND VOR-C AT KSDL FROM FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** RICHARD CHRISTENSEN

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE: *Digitally signed by*
WARDELL HENNING

DISTRIBUTION: **NFDC** Jun 22, 2020
FPO: WST
ARTCC: ZAB
ATC FACILITY:

QUALITY
16
CHECKED

OTHER:



RADIO FIX AND HOLDING DATA RECORD

NAME: STANFIELD VORTAC

STATE: AZ

COUNTRY: US

ICAO REGION CODE: K2

LATITUDE/LONGITUDE: 325309.08N/1115431.44W

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 NM	FEET	MRA	MAA
1	STANFIELD	TFD	VORTAC	H							45000

HOLDING:

HOLDING TYPE OF ACTION: MODIFY

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	SW	TFD	VORTAC	228.00	048.00	R	1		3500	10000	4	13
2	SW		WP	228.33	048.33	R		4	3800	10000	5	14
3	SE	TFD	VORTAC	134.00	314.00	R	1		5000	10000	5	9

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
1	200	AAO	324555.80N/1120018.92W	2262	2C
1	310	AAO	324512.00N/1120730.00W	4573	2C
2	200	AAO	324555.80N/1120018.92W	3629	2C
2	310	AAO	324512.00N/1120730.00W	4573	2C
3	200	AAO	324609.00N/1114912.00W	1716	4E
3	310	AAO	324007.80N/1115313.10W	2824	6C

HOLDING RESTRICTIONS:

HOLDING LIMITED TO ESTABLISHED PATTERNS.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
1	ILS OR LOC RWY 5	KCGZ	CASA GRANDE	AZ (US)
1	TEXTUAL DEPARTURE	KCGZ	CASA GRANDE	AZ (US)
2	RNAV (GPS) RWY 5	KCGZ	CASA GRANDE	AZ (US)
3	ILS OR LOC RWY 30C	KIWA	PHOENIX	AZ (US)

REMARKS:

PRECIPITOUS TERRAIN EVALUATION COMPLETED.
PAT 3 310K HOLDING EVALUATED FOR MILITARY USE.
PAT 2 200K CONTROLLING OBSTACLE IS IN THE SECONDARY AREA.
MAGVAR 12E/1985

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TEXTUAL DEPARTURE		1	KCGZ	CASA GRANDE	AZ (US)
DP	BNYRD (RNAV)			KCHD	CHANDLER	AZ (US)
DP	TEXTUAL DEPARTURE			KCHD	CHANDLER	AZ (US)
DP	TEXTUAL DEPARTURE			KP19	CHANDLER	AZ (US)
DP	TEXTUAL DEPARTURE			KP08	COOLIDGE	AZ (US)
DP	BNYRD (RNAV)			KGEU	GLENDALE	AZ (US)
DP	GLENDALE			KGEU	GLENDALE	AZ (US)
DP	BNYRD (RNAV)			KGYR	GOODYEAR	AZ (US)
DP	GOODYEAR			KGYR	GOODYEAR	AZ (US)
DP	MESA			KFFZ	MESA	AZ (US)
DP	BNYRD (RNAV)			KDVT	PHOENIX	AZ (US)
DP	BNYRD (RNAV)			KIWA	PHOENIX	AZ (US)
DP	BROAK (RNAV)			KPHX	PHOENIX	AZ (US)
DP	ECLPS (RNAV)			KPHX	PHOENIX	AZ (US)
DP	FORPE (RNAV)			KPHX	PHOENIX	AZ (US)
DP	MOBIE			KPHX	PHOENIX	AZ (US)
DP	MRBIL (RNAV)			KPHX	PHOENIX	AZ (US)
DP	QUAKY (RNAV)			KPHX	PHOENIX	AZ (US)
DP	STANFIELD			KPHX	PHOENIX	AZ (US)
DP	ZEPER (RNAV)			KPHX	PHOENIX	AZ (US)
DP	BNYRD (RNAV)			KSDL	SCOTTSDALE	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	TUCSON			KTUS	TUCSON	AZ (US)
DP	WLDKT (RNAV)			KTUS	TUCSON	AZ (US)
EN ROUTE	J169					(US)
EN ROUTE	J212					(US)
EN ROUTE	V105					(US)
EN ROUTE	V94					(US)
EN ROUTE	J50					(US)
EN ROUTE	J92					(US)
IAP	ILS OR LOC RWY 5		1	KCGZ	CASA GRANDE	AZ (US)
IAP	RNAV (GPS) RWY 5		2	KCGZ	CASA GRANDE	AZ (US)
IAP	VOR RWY 5		1	KCGZ	CASA GRANDE	AZ (US)

QUALITY
16
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IAP	RNAV (GPS) RWY 4R		KCHD	CHANDLER	AZ (US)
IAP	VOR RWY 4R		KCHD	CHANDLER	AZ (US)
IAP	VOR-A		KP19	CHANDLER	AZ (US)
IAP	ILS OR LOC RWY 30C	3	KIWA	PHOENIX	AZ (US)
IAP	RNAV (GPS) RWY 12C		KIWA	PHOENIX	AZ (US)
IAP	RNAV (GPS) RWY 12R		KIWA	PHOENIX	AZ (US)
IAP	VOR OR TACAN RWY 30C		KIWA	PHOENIX	AZ (US)
IAP	NDB RWY 12		KAVQ	TUCSON	AZ (US)
IAP	ILS OR LOC RWY 6R		KRYN	TUCSON	AZ (US)
IAP	RNAV (GPS) RWY 21		KTUS	TUCSON	AZ (US)
STAR	SUNSS		KCHD	CHANDLER	AZ (US)
STAR	SUNSS		KP19	CHANDLER	AZ (US)
STAR	SUNSS		KGEU	GLENDALE	AZ (US)
STAR	SUNSS		KGYR	GOODYEAR	AZ (US)
STAR	SUNSS		KFFZ	MESA	AZ (US)
STAR	SUNSS		KDVT	PHOENIX	AZ (US)
STAR	SUNSS		KIWA	PHOENIX	AZ (US)
STAR	KOOLY (RNAV)		KPHX	PHOENIX	AZ (US)
STAR	MAIER (RNAV)		KPHX	PHOENIX	AZ (US)
STAR	SUNSS		KPHX	PHOENIX	AZ (US)
STAR	SUNSS		KSDL	SCOTTSDALE	AZ (US)
STAR	DINGO		KTUS	TUCSON	AZ (US)
STAR	ZONNA (RNAV)		KTUS	TUCSON	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 16

DATE OF REVISION: 08/13/2020

REASON FOR REVISION:

1. REMOVED UPN HOLDING OBSTRUCTION 230 AAO.
2. REMOVED UNPLANNED HOLDING AT AIRSPEEDS ABOVE 200 KTS ARE RESTRICTED TO 6500-10000 MSL FROM HOLDING RESTRICTIONS.
3. REMOVED NDB RWY 4R AT KCHD FROM FIX USE.
4. REMOVED VOR RWY 5 AT KP08 FROM FIX USE.
5. REMOVED VOR-C AT KSDL FROM FIX USE.
6. CHANGED VOR OR GPS-A TO VOR-A AT KP19 IN FIX USE.

INITIATED BY: **DATE:** **ORGANIZATION:** **NAME:**

OFFICE OF PRIMARY RESPONSIBILITY: AJV-A432 **NAME:** RICHARD CHRISTENSEN

APPROVED BY: **DATE:** **OFFICE:** AJV-A430 **NAME:** GEORGE DAVIS

SIGNATURE: *Digitally signed by*
WARDELL HENNING

Jun 22, 2020

DISTRIBUTION: **NFDC**
FPO: WST
ARTCC: ZAB
ATC FACILITY: LUKE AFB DEP CON, PHX DEP CON, SOCAL APP CON
OTHER: GEU ATCT, GYR ATCT

QUALITY
16
CHECKED