U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

TYPE: SID

DP ROUTE DESCRIPTION:

TAKEOFF RWY 8: CLIMB HEADING 078.06 TO 1550, THEN CLIMBING RIGHT TURN HEADING 080.00, AT 4.00 DME EAST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 100.00. THENCE...
TAKEOFF RWY 7L: CLIMB HEADING 078.04 TO 1550, THEN CLIMBING LEFT TURN HEADING 075.00, AT 4.00 DME EAST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 100.00. THENCE...
TAKEOFF RWY 7R: CLIMB HEADING 078.03 TO 1550, THEN CLIMBING LEFT TURN HEADING 070.00, AT 4.00 DME EAST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 100.00. THENCE...
TAKEOFF RWY 25L: CLIMB HEADING 258.04 TO 1550, THEN CLIMBING LEFT TURN HEADING 240.00, AT 9.00 DME WEST OF PXR VORTAC, CLIMBING LEFT TURN HEADING 160.00. THENCE...
TAKEOFF RWY 25R: CLIMB HEADING 258.05 TO 1550, THEN CLIMBING LEFT TURN HEADING 240.00. AT 9.00 DME WEST OF PXR VORTAC, CLIMBING LEFT TURN HEADING 160.00. THENCE...
TAKEOFF RWY 26: CLIMB HEADING 258.08 TO 1550, THEN CLIMBING LEFT TURN HEADING 240.00. AT 9.00 DME WEST OF PXR VORTAC, CLIMBING LEFT TURN HEADING 160.00. THENCE...

...MAINTAIN 8000, EXPECT RADAR VECTORS TO MOBIE INT THENCE VIA (TRANSITION). EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

Transition Name	Transition Computer Codes	From FIX/NAVAID	To FIX/NAVAID	Course	Distance	MEA	MOCA	Crossing Altitudes/Fixes
GBN	MOBIE3.GBN	MOBIE INT	GBN VORTAC	235.00 (GBN R-055)	20.00	5900	5000	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWY 7L/7R/8: STANDARD WITH MINIMUM CLIMB OF 300' PER NM TO 8000.
RWY 25L/25R/26: STANDARD WITH MINIMUM CLIMB OF 350' PER NM TO 8000.
NOTE: RESTRICTED TO TURBOJET AND TURBOPROP AIRCRAFT ONLY.
NOTE: DME AND RADAR REQUIRED.

QUALITY CHECKED

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

TAKEOFF OBSTACLES NOTES:

NOTE: RWY 7R, MULTIPLE TRANSMISSION TOWERS, 3202 FT FROM DER, 1122 FT LEFT OF CENTERLINE, UP TO 125 FT AGL/1260 FT MSL.
NOTE: RWY 8, MULTIPLE LT POLES, BEGINNING 2540 FT FROM DER, 900 FT LEFT OF CENTERLINE, UP TO 100 FT AGL/1234 FT MSL. LT POLE, 1640 FT FROM DER, 794 FT RIGHT OF CENTERLINE, 42 FT AGL/1177 FT MSL.
NOTE: RWY 25L, MULTIPLE LT POLES, BEGINNING 682 FT FROM DER, 521 FT LEFT OF CENTERLINE, UP TO 90 FT AGL/1201 FT MSL. SIGN, 902 FT FROM DER, 711 FT LEFT OF CENTERLINE, 59 FT AGL/1170 FT MSL.
NOTE; RWY 25R, TREE, 1036 FT FROM DER, 666 FT RIGHT OF CENTERLINE, 30 FT AGL/1140 FT MSL.
NOTE: RWY 26, MULTIPLE ELECTRICAL SYSTEMS, BEGINNING 43 FT FROM DER, 450 FT LEFT AND RIGHT OF CENTERLINE, UP TO 33 FT AGL/1142 FT MSL. MULTIPLE TREES, BEGINNING 118 FT FROM DER, 214 FT RIGHT OF CENTERLINE, UP TO 24 FT AGL/1133 FT MSL. OBSTACLE LT ON BLAST FENCE, 176 FT FROM DER, 547 FT LEFT OF CENTERLINE, 9 FT AGL/1120 FT MSL. SIGN, 520 FT FROM DER, 567 FT RIGHT OF CENTERLINE, 14 FT AGL/1125 FT MSL. POLE, 82 FT FROM DER, 64 FT RIGHT OF CENTERLINE, 18 FT AGL/1127 FT MSL. MULTIPLE LT POLES, BEGINNING 315 FT FROM DER, BEGINNING 318 FT LEFT OF CENTERLINE, UP TO 60 FT AGL/1170 FT MSL. MULTIPLE LT POLES, BEGINNING 2302 FT FROM DER, BEGINNING 193 FT RIGHT OF CENTERLINE, UP TO 60 FT AGL/1171 FT MSL.

CONTROLLING OBSTACLES:

LOST COMMUNICATIONS PROCEDURES:

EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

ADDITIONAL FLIGHT DATA:

AIRPORTS SERVED:

PHOENIX SKY HARBOR INTL — PHOENIX, AZ

COMMUNICATIONS:

ATIS, CLNC DEL, GND CON (NORTH)(SOUTH), PHOENIX TOWER, PHOENIX DEP CON.

FIXES AND/OR NAVAIDS:

TFD VORTAC.

REMARKS:

U.S. DEPARTMENT of TRANSPORTATION – FEDERAL AVIATION ADMINISTRATION

GRAPHIC DEPARTURE PROCEDURE (DP)

Bearings, headings, courses, tracks, and radials are magnetic. Elevation and altitudes are in feet MSL. Altitudes are minimum altitudes unless otherwise indicated. Ceilings are in feet above airport elevation. Distances are in nautical miles. Visibilities are in statue miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

FLIGHT INSPECTED BY:

REQUIRED EFFECTIVE DATE:
ROUTINE

DEVELOPED BY:
JOHN WALKER AJV-354 03/02/2012

APPROVED BY:
DEZ SILAGYI AJV-354

COORDINATED WITH:
ATA, ALPA, APA, AOPA, NBAA, ZAB, PHX TRACON, APT MGR, AZ ST AERO DIR.

CHANGES:

1. CHANGED CLIMB TO ALTITUDE FROM 7000 TO 8000.

REASONS:

1, ATC REQUEST.

THIS IS A CORRECTED COPY OF THE FORM DEVELOPED ON 03/02/2012.

CHANGED TRANSITION NAME FROM MOBIE TO GBN.

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

ARINC PACKET - 424-18 - SID

```
                 1         2         3         4         5         6         7         8         9         0         1         2         3
NAVAID  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAD        GBN   K2011660VTH  N32572253W112402738    N32572253W112402738E0140007902     NARGILA BEND
        SUSAD        PXR   K2011560VTHW N33255887W111581272    N33255887W111581272E0120011822     NARPHOENIX

                 1         2         3         4         5         6         7         8         9         0         1         2         3
WP      123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAEAENRT   MOBIE K20    C     N33043148W112181415                      E0109     NAR           MOBIE

                 1         2         3         4         5         6         7         8         9         0         1         2         3
AIRPORT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHXK2APHX     0     114YHN33260340W112004170E012001135         1800018000C    MNAR    PHOENIX SKY HARBOR INTL

                 1         2         3         4         5         6         7         8         9         0         1         2         3
SEGMENT 123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHXK2DMOBIE31RW07L 010         0        VA                      0780        + 01550     18000
        SUSAP KPHXK2DMOBIE31RW07L 020         0        VD PXR K2               07500040D
        SUSAP KPHXK2DMOBIE31RW07L 030         0        VM                      1000
        SUSAP KPHXK2DMOBIE31RW07L 040MOBIEK2EA0EE      DF
        SUSAP KPHXK2DMOBIE31RW07R 010         0        VA                      0780        + 01550     18000
        SUSAP KPHXK2DMOBIE31RW07R 020         0        VD PXR K2               07000040D
        SUSAP KPHXK2DMOBIE31RW07R 030         0        VM                      1000
        SUSAP KPHXK2DMOBIE31RW07R 040MOBIEK2EA0EE      DF
        SUSAP KPHXK2DMOBIE31RW08  010         0        VA                      0781        + 01550     18000
        SUSAP KPHXK2DMOBIE31RW08  020         0        VD PXR K2               08000040D
        SUSAP KPHXK2DMOBIE31RW08  030         0        VM                      1000
        SUSAP KPHXK2DMOBIE31RW08  040MOBIEK2EA0EE      DF
        SUSAP KPHXK2DMOBIE31RW25L 010         0        VA                      2580        + 01550     18000
        SUSAP KPHXK2DMOBIE31RW25L 020         0        VD PXR K2               24000090D
        SUSAP KPHXK2DMOBIE31RW25L 030         0        VM                      1600
        SUSAP KPHXK2DMOBIE31RW25L 040MOBIEK2EA0EE      DF
        SUSAP KPHXK2DMOBIE31RW25R 010         0        VA                      2581        + 01550     18000
        SUSAP KPHXK2DMOBIE31RW25R 020         0        VD PXR K2               24000090D
        SUSAP KPHXK2DMOBIE31RW25R 030         0        VM                      1600
        SUSAP KPHXK2DMOBIE31RW25R 040MOBIEK2EA0EE      DF
        SUSAP KPHXK2DMOBIE31RW26  010         0        VA                      2581        + 01550     18000
        SUSAP KPHXK2DMOBIE31RW26  020         0        VD PXR K2               24000090D
        SUSAP KPHXK2DMOBIE31RW26  030         0        VM                      1600
        SUSAP KPHXK2DMOBIE31RW26  040MOBIEK2EA0EE      DF
        SUSAP KPHXK2DMOBIE33GBN   010MOBIEK2EA0E       IF                                          18000
```

QUALITY CHECKED 1

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

```
        SUSAP KPHXK2DMOBIE33GBN   020GBN  K2D 0VE      TF                    23500200
                  1         2         3         4         5         6         7         8         9         0         1         2         3
RUNWAY  123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012345678901234567890123456789012
        ------------------------------------------------------------------------------------------------------------------------------------
        SUSAP KPHXK2GRW07L   0103000780 N33255181W112013756+0200    +0308501110000057150IIPHX1
        SUSAP KPHXK2GRW07R   0078000780 N33254389W112013757+0200    +0308801111000057150IIAHA1
        SUSAP KPHXK2GRW08    0114890781 N33262709W112013666+0200    +0309301113089854150IISYQ1
        SUSAP KPHXK2GRW25L   0078002580 N33254384W112000554-0200    +0313501126000044150IIRJG1
        SUSAP KPHXK2GRW25R   0103002581 N33255173W111593605-0200    +0315901134000055150R
        SUSAP KPHXK2GRW26    0114892581 N33262696W111593169-0200    +0316101135000054150IICWJ1
```

QUALITY 1 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

ARINC SUMMARY - 424-18 - SID

ROUTES	TRANSITION	FIX	SEQ	USE	PATH	TURN	FO/FB	RNP	MAG(TRUE)	DISTANCE	ALTITUDE	SPEED
	RW07L		010		VA		FB		078.0()		AA 01550	
	RW07L		020		VD		FB		075.0()	004.0		
	RW07L		030		VM		FB		100.0()			
	RW07L	MOBIE	040		DF		FB					
	RW07R		010		VA		FB		078.0()		AA 01550	
	RW07R		020		VD		FB		070.0()	004.0		
	RW07R		030		VM		FB		100.0()			
	RW07R	MOBIE	040		DF		FB					
	RW08		010		VA		FB		078.1()		AA 01550	
	RW08		020		VD		FB		080.0()	004.0		
	RW08		030		VM		FB		100.0()			
	RW08	MOBIE	040		DF		FB					
	RW25L		010		VA		FB		258.0()		AA 01550	
	RW25L		020		VD		FB		240.0()	009.0		
	RW25L		030		VM		FB		160.0()			
	RW25L	MOBIE	040		DF		FB					
	RW25R		010		VA		FB		258.1()		AA 01550	
	RW25R		020		VD		FB		240.0()	009.0		
	RW25R		030		VM		FB		160.0()			
	RW25R	MOBIE	040		DF		FB					
	RW26		010		VA		FB		258.1()		AA 01550	
	RW26		020		VD		FB		240.0()	009.0		
	RW26		030		VM		FB		160.0()			
	RW26	MOBIE	040		DF		FB					
	GBN	MOBIE	010		IF		FB					
	GBN	GBN	020		TF		FB		235.0()	020.0		

POINT DATA

WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
GBN	N325722.53	W1124027.38	N3257.376	W11240.456
PXR	N332558.87	W1115812.72	N3325.981	W11158.212
MOBIE	N330431.48	W1121814.15	N3304.525	W11218.236
RW07L	N332551.81	W1120137.56	N3325.864	W11201.626
RW07R	N332543.89	W1120137.57	N3325.732	W11201.626
RW08	N332627.09	W1120136.66	N3326.452	W11201.611
RW25L	N332543.84	W1120005.54	N3325.731	W11200.092
RW25R	N332551.73	W1115936.05	N3325.862	W11159.601
RW26	N332626.96	W1115931.69	N3326.449	W11159.528

RUNWAY DATA

RWY	THRESHOLD ELEVATION	TCH

QUALITY 1 CHECKED

DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
MOBIE	THREE	MOBIE3.MOBIE	TWO	09/30/2004	

RW07L	01110	57
RW07R	01111	57
RW08	01113	54
RW25L	01126	44
RW25R	01134	55
RW26	01135	54

RADIO FIX AND HOLDING DATA RECORD

NAME: GILA BEND VORTAC **STATE:** AZ **COUNTRY:** US

LATITUDE/LONGITUDE: 325722.53N/1124027.38W **TYPE:**

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

INFO ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	GILA BEND	GBN	VORTAC	H							45000

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

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOBIE			KPHX	PHOENIX	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	BURRO (RNAV)			KTUS	TUCSON	AZ (US)
DP	TUCSON			KTUS	TUCSON	AZ (US)
DP	WLDKT (RNAV)			KTUS	TUCSON	AZ (US)
EN ROUTE	J104					(US)
EN ROUTE	J18					(US)
EN ROUTE	J2					(US)
EN ROUTE	J50					(US)
EN ROUTE	V461					(US)
EN ROUTE	V66					(US)
EN ROUTE	V94					(US)
EN ROUTE	V95					(US)
STAR	ARLIN			KPHX	PHOENIX	AZ (US)
STAR	BLYTHE			KPHX	PHOENIX	AZ (US)
STAR	GEELA			KPHX	PHOENIX	AZ (US)
STAR	DINGO			KTUS	TUCSON	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 6 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
1. UPDATE FIX USE
2. REMOVED FAC 2 AND 3, NOT REQUIRED.

DEVELOPED BY: **DATE:** 01/19/2012 **OFFICE:** AJV-354 **NAME:** JIMMY HUGHES

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: MOBIE **STATE:** AZ **COUNTRY:** US

LATITUDE/LONGITUDE: 330431.48N/1121814.15W **TYPE:** WP, INT, DME

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

INFO ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	DIST FROM FAC FEET	MRA	MAA
1	PHOENIX	PXR	VORTAC	H	206.19	218.19	27.21	27.21		11000	45000
2	STANFIELD	TFD	VORTAC	H	287.75	299.75		22.95		11000	45000
3	GILA BEND	GBN	VORTAC	H	055.00	069.00	20.00	20.00		11000	45000

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

REMARKS:
PHOENIX (FAC 1) USED TO ESTABLISH FIX COORDINATES

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MOBIE	1, 2, 3		KPHX	PHOENIX	AZ (US)
DP	SCOTTSDALE	1, 2, 3		KSDL	SCOTTSDALE	AZ (US)

REQUIRED CHARTING: DP

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 07/26/2012

REASON FOR REVISION:
1. ADDED DIST FROM FAC TO FACS 1, 2, 3.

DEVELOPED BY: **DATE:** 01/19/2012 **OFFICE:** AJV-354 **NAME:** JIMMY HUGHES

APPROVED BY: **DATE:** **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

SIGNATURE:

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

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: PHOENIX VORTAC **STATE:** AZ **COUNTRY:** US

LATITUDE/LONGITUDE: 332558.87N/1115812.72W **TYPE:**

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

INFO ONLY

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							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	PXR	VORTAC	054.00	234.00	R	1-1 1/2		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	1-1 1/2		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	1-1 1/2		4200	17500	5	16

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	200	TOWER (04-000299)	332003.00N/1120343.50W	3055	5D
UPN	265	AAO	332624.00N/1112657.00W	5082	4E
1	200	AAO	333112.60N/1115736.70W	2904	6A
2	200	TOWER (04-000299)	332003.00N/1120343.50W	3055	5D
3	200	AAO	333112.60N/1115736.70W	2904	4E
4	200	AAO	333112.60N/1115736.70W	2904	6A
5	200	TOWER (04-000299)	332003.00N/1120343.50W	3055	5D

REASON FOR NONSTANDARD HOLDING:
PAT 2 ATC REQUEST
PAT 5 ATC REQUEST

HOLDING RESTRICTIONS:
UNPLANNED HOLDING AUTHORIZED FOR 200K AND 230K AT OR ABOVE 5000.
UNPLANNED HOLDING AUTHORIZED FOR 265K AND 310K AT OR ABOVE 14000.

REMARKS:
PRECIPITOUS TERRAIN EVALUATION COMPLETED
HOLDING PATTERN 1 FOR ATC USE.
310K UNPLANNED HOLDING EVALUATED FOR MILITARY USE.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	MESA			KFFZ	MESA	AZ (US)
DP	TAKE-OFF MINIMUMS			KFFZ	MESA	AZ (US)
DP	DEERVALLEY			KDVT	PHOENIX	AZ (US)
DP	TAKE-OFF MINIMUMS			KDVT	PHOENIX	AZ (US)
DP	PHOENIX			KIWA	PHOENIX	AZ (US)
DP	BUCKEYE			KPHX	PHOENIX	AZ (US)
DP	CHILY			KPHX	PHOENIX	AZ (US)
DP	MAXXO			KPHX	PHOENIX	AZ (US)
DP	MOBIE			KPHX	PHOENIX	AZ (US)
DP	SILOW			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			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)
EN ROUTE	V528					(US)
EN ROUTE	V562					(US)

QUALITY CHECKED

EN ROUTE	V567				(US)
EN ROUTE	V95				(US)
IAP	NDB RWY 4R		KCHD	CHANDLER	AZ (US)
IAP	RNAV (GPS) RWY 4R		KCHD	CHANDLER	AZ (US)
IAP	VOR RWY 4R		KCHD	CHANDLER	AZ (US)
IAP	VOR OR GPS-A		KP19	CHANDLER	AZ (US)
IAP	RNAV (GPS) RWY 25L		KDVT	PHOENIX	AZ (US)
IAP	RNAV (GPS)-C		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	RNAV (GPS) RWY 30L		KIWA	PHOENIX	AZ (US)
IAP	VOR OR TACAN RWY 30C		KIWA	PHOENIX	AZ (US)
IAP	FREEWAY VISUAL RWY 07L		KPHX	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	POWER PLANT VISUAL RWY 25R		KPHX	PHOENIX	AZ (US)
IAP	RIVER VISUAL RWY 25L		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)-D		KSDL	SCOTTSDALE	AZ (US)
IAP	RNAV (GPS)-E	2	KSDL	SCOTTSDALE	AZ (US)
IAP	VOR-C		KSDL	SCOTTSDALE	AZ (US)
IAP	VOR/DME-A	5	KSDL	SCOTTSDALE	AZ (US)
STAR	ARLIN		KCHD	CHANDLER	AZ (US)
STAR	BLYTHE		KCHD	CHANDLER	AZ (US)
STAR	JCOBS		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	JCOBS		KGEU	GLENDALE	AZ (US)
STAR	SUNSS		KGEU	GLENDALE	AZ (US)
STAR	LENNI		KLUF	GLENDALE	AZ (US)
STAR	JCOBS		KGYR	GOODYEAR	AZ (US)
STAR	SUNSS		KGYR	GOODYEAR	AZ (US)
STAR	ARLIN		KFFZ	MESA	AZ (US)
STAR	BLYTHE		KFFZ	MESA	AZ (US)
STAR	JCOBS		KFFZ	MESA	AZ (US)
STAR	SUNSS		KFFZ	MESA	AZ (US)
STAR	ARLIN		KDVT	PHOENIX	AZ (US)
STAR	BLYTHE		KDVT	PHOENIX	AZ (US)
STAR	JCOBS		KDVT	PHOENIX	AZ (US)
STAR	SUNSS		KDVT	PHOENIX	AZ (US)
STAR	ARLIN		KIWA	PHOENIX	AZ (US)
STAR	BLYTHE		KIWA	PHOENIX	AZ (US)
STAR	JCOBS		KIWA	PHOENIX	AZ (US)
STAR	SUNSS		KIWA	PHOENIX	AZ (US)
STAR	ARLIN		KPHX	PHOENIX	AZ (US)
STAR	BLYTHE		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	GEELA (RNAV)	4	KPHX	PHOENIX	AZ (US)
STAR	JESSE		KPHX	PHOENIX	AZ (US)
STAR	KOOLY (RNAV)		KPHX	PHOENIX	AZ (US)
STAR	MAIER (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	JCOBS		KSDL	SCOTTSDALE	AZ (US)
STAR	SUNSS		KSDL	SCOTTSDALE	AZ (US)
STAR	DINGO		KTUS	TUCSON	AZ (US)

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 8 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
ADDED HOLDING PATTERN #5 (SAME AS PATTERN #2 PREVIOUSLY ON REV 6; REMOVED ON REV 7 FOR PROCEDURE CANCELLATION BUT THAT WAS RESCENDED). UPDATED OBSTACLES ON UPN HOLDING FOR 200KTS, AND PAT #2. UPDATED FIX USE.

DEVELOPED BY: **DATE:** 06/06/2011 **OFFICE:** AJV-354 **NAME:** ROY CURRIE

APPROVED BY: **DATE:** 02/21/2012 **OFFICE:** AJV-354 **NAME:** DEZ SILAGYI

QUALITY CHECKED

SIGNATURE:

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

INFO ONLY

QUALITY CHECKED

RADIO FIX AND HOLDING DATA RECORD

NAME: STANFIELD VORTAC **STATE:** AZ **COUNTRY:** US

LATITUDE/LONGITUDE: 325309.08N/1115431.44W **TYPE:**

AIRSPACE DOCKET: **FIX TYPE OF ACTION:** NO CHANGE

INFO ONLY

FIX MAKE-UP FACILITIES:

FAC	NAME	IDENT	TYPE	CLASS	MAG BRG	TRUE BRG	DME	DIST FROM FAC NM	FAC 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 LENGTH TIME	LEG LENGTH DME	HOLDING ALTITUDES MIN	HOLDING ALTITUDES MAX	TEMPLATES MIN	TEMPLATES MAX
1	SW	TFD	VORTAC	228.00	048.00	R	1		3500	10000	4	9
2	S		WP	198.00	018.00	R		5	4500	10000	6	10
3	SE	TFD	VORTAC	134.00	314.00	R	1		5000	10000	5	15

CONTROLLING OBSTRUCTIONS:

PAT	AIRSPEED	OBSTRUCTION	COORDINATES	ELEVATION	ACCURACY CODE
UPN	230	AAO	324512.00N/1120730.00W	4607	4E
1	200	AAO	324742.00N/1120627.00W	3153	4E
2	200	AAO	324315.90N/1115941.80W	2761	6C
2	310	AAO	324512.00N/1120730.00W	4607	4E
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.
UNPLANNED HOLDING AT AIRSPEEDS ABOVE 200 KTS ARE RESTRICTED TO 6500-10000 MSL.

PROCEDURES REQUIRING CLIMB-IN-HOLD:

PAT	PROCEDURE TITLE	AIRPORT IDENT	CITY	STATE
2	GPS RWY 23	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 1 200K CONTROLLING OBSTACLE 11712.6 FT INTO SECONDARY.

FIX USE:

USE TYPE	USE TITLE	FAC	PAT	AIRPORT IDENT	CITY	STATE
DP	TEXTUAL DEPARTURE			KCHD	CHANDLER	AZ (US)
DP	TEXTUAL DEPARTURE			KP19	CHANDLER	AZ (US)
DP	MOBIE			KPHX	PHOENIX	AZ (US)
DP	STANFIELD			KPHX	PHOENIX	AZ (US)
DP	SCOTTSDALE			KSDL	SCOTTSDALE	AZ (US)
DP	TUCSON			KTUS	TUCSON	AZ (US)
DP	WLDKT (RNAV)			KTUS	TUCSON	AZ (US)
EN ROUTE	V-94					(US)
EN ROUTE	J-4					AZ (US)
EN ROUTE	J50					AZ (US)
EN ROUTE	J92					AZ (US)
EN ROUTE	V105					AZ (US)
IAP	GPS RWY 23		2	KCGZ	CASA GRANDE	AZ (US)
IAP	GPS RWY 5		2	KCGZ	CASA GRANDE	AZ (US)
IAP	ILS/DME RWY 5		1	KCGZ	CASA GRANDE	AZ (US)
IAP	VOR RWY 5		1	KCGZ	CASA GRANDE	AZ (US)
IAP	NDB RWY 4R			KCHD	CHANDLER	AZ (US)
IAP	RNAV (GPS) RWY 4R			KCHD	CHANDLER	AZ (US)
IAP	VOR RWY 4R.			KCHD	CHANDLER	AZ (US)
IAP	VOR OR GPS-A			KP19	CHANDLER	AZ (US)
IAP	VOR/DME RWY 5			KP08	COOLIDGE	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	RNAV (GPS) RWY 30L			KIWA	PHOENIX	AZ (US)
IAP	VOR OR TACAN RWY 30C			KIWA	PHOENIX	AZ (US)
IAP	FANON			KPHX	PHOENIX	AZ (US)
IAP	ILS OR LOC RWY 7L			KPHX	PHOENIX	AZ (US)
IAP	VOR-C			KSDL	SCOTTSDALE	AZ (US)
IAP	NDB RWY 12			KAVQ	TUCSON	AZ (US)
IAP	ILS RWY 6R			KRYN	TUCSON	AZ (US)
IAP	RNAV (GPS) RWY 21			KTUS	TUCSON	AZ (US)
IAP	RNAV (GPS) RWY 3			KTUS	TUCSON	AZ (US)
STAR	SUNSS			KPHX	PHOENIX	AZ (US)
STAR	DINGO			KTUS	TUCSON	AZ (US)

QUALITY CHECKED

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

COMPULSORY REPORTING POINT: NO

RECORD REVISION NUMBER: 7 **DATE OF REVISION:** 04/05/2012

REASON FOR REVISION:
1. CHANGED PATTERN 2 FROM VORTAC TO WP HOLDING; LEG LENGTH FROM 1 MIN TO 5 DME; CHANGED MIN TEMPLATE FROM 5 TO 6 AND MAX TEMPLATE FROM 9 TO 10.
2. CHANGED PAT 2 200 KT CONTROLLING OBSTACLE FROM 2513 MSL AAO TO 2761 MSL AAO.
3. CHANGED PAT 2 310 KT CONTROLLING OBSTACLE FROM 4573 MSL AAO TO 4607 MSL AAO.
4. ADDED PAT 3 ILS OR LOC RWY 30C TO PROCEDURES REQUIRING CLIMB-IN-HOLD.
5. UPDATED FIX USE.

DEVELOPED BY:	**DATE:** 07/18/2011	**OFFICE:** AJV-354	**NAME:** CATHERINE CHILDRESS
APPROVED BY:	**DATE:** 02/21/2012	**OFFICE:** AJV-354	**NAME:** DEZ SILAGYI
	SIGNATURE:		

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

QUALITY CHECKED