

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.
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DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SILOW	FOUR	SILOW4.SILOW	THREE	06/27/2013	25 JUN 2015

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 LEFT TURN HEADING 045.00. 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 LEFT TURN HEADING 045.00. 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 LEFT TURN HEADING 045.00. THENCE...

TAKEOFF RWY 25L: CLIMB HEADING 258.04 TO 1550, THEN CLIMBING RIGHT TURN HEADING 265.00, AT 9.00 DME WEST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 360.00. THENCE...

TAKEOFF RWY 25R: CLIMB HEADING 258.05 TO 1550, THEN CLIMBING RIGHT TURN HEADING 260.00. AT 9.00 DME WEST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 360.00. THENCE...

TAKEOFF RWY 26: CLIMB HEADING 258.08 TO 1550, THEN CLIMBING RIGHT TURN HEADING 260.00. AT 9.00 DME WEST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 360.00. THENCE...

...MAINTAIN 8000, EXPECT RADAR VECTORS TO PXR R-006 TO SILOW/PXR 70.00 DME. 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
BRYCE CANYON	SILOW4.BCE	SILOW INT	FLG VOR/DME	335.18 (FLG R-155)	36.80	11000	10300	
		FLG VOR/DME	GCN VOR/DME	320.76 (FLG R-321, GCN R-139)	53.91	15000	14600	
		GCN VOR/DME	BCE VORTAC	340.85 (GCN R-341, BCE R-161)	103.87	15000	11800	
DOVE CREEK	SILOW4.DVC	SILOW INT	INW VORTAC	035.86 (INW R-216)	47.90	15000	10300	
		INW VORTAC	DVC VORTAC	014.18 (INW R-014, DVC R-195)	187.70	18000	10400	
FLAGSTAFF	SILOW4.FLG	SILOW INT	FLG VOR/DME	335.18 (FLG R-155)	36.80	11000	10300	
RATTLESNAKE	SILOW4.RSK	SILOW INT	INW VORTAC	035.86 (INW R-216)	47.90	15000	10300	
		INW VORTAC	RSK VORTAC	037.66 (INW R-038, RSK R-219)	165.77	15000	11500	



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PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

TAKEOFF MINIMUMS: RWY 7L/7R/8: STANDARD WITH MINIMUM CLIMB OF 300FT PER NM TO 8000.

RWY 25L/25R/26: STANDARD WITH MINIMUM CLIMB OF 350FT PER NM TO 8000.

NOTE: RESTRICTED TO TURBOJET AND TURBOPROP AIRCRAFT ONLY.

NOTE: RADAR AND DME REQUIRED.

NOTE: AIRCRAFT FILING OVER CIM AND GCK FILE ST JOHNS DEPARTURE.

NOTE: AIRCRAFT FILING OVER GCN, EXPECT FL280 OR BELOW UNTIL GCN.

NOTE: FLG TRANSITION FOR FLG OR PGA ARRIVALS ONLY.

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:

CHART: V95, J44, V257

CHART: TOP ALTITUDE: 8000

AIRPORTS SERVED:

PHOENIX SKY HARBOR INTL

PHOENIX, AZ

COMMUNICATIONS:

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



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FIXES AND/OR NAVAIDS:

THOMM, HAPPN, DEXTR.

REMARKS:



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COORDINATED WITH:

Mar 25, 2015

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

CHANGES:

ADDED CHART: TOP ALTITUDE: 8000.

REASONS:

ATC REQUEST.



DEPARTURE (DATA RECORD)

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
SILOW	FOUR	SILOW4.SILOW	THREE	06/27/2013	25 JUN 2015

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		045.0 ()			
	RW07L	THOMM	040		CF		FB		006.0 ()	039.0		
	RW07L	HAPPN	050		TF		FB					
	RW07L	SILOW	060		TF		FB					
	RW07R		010		VA		FB		078.0 ()		AA 01550	
	RW07R		020		VD		FB		070.0 ()	004.0		
	RW07R		030		VM		FB		045.0 ()			
	RW07R	THOMM	040		CF		FB		006.0 ()	039.0		
	RW07R	HAPPN	050		TF		FB					
	RW07R	SILOW	060		TF		FB					
	RW08		010		VA		FB		078.1 ()		AA 01550	
	RW08		020		VD		FB		080.0 ()	004.0		
	RW08		030		VM		FB		045.0 ()			
	RW08	THOMM	040		CF		FB		006.0 ()	039.0		
	RW08	HAPPN	050		TF		FB					
	RW08	SILOW	060		TF		FB					
	RW25L		010		VA		FB		258.0 ()		AA 01550	
	RW25L		020		VD		FB		265.0 ()	009.0		
	RW25L		030		VM	R	FB		360.0 ()			
	RW25L	THOMM	040		CF		FB		006.0 ()	039.0		
	RW25L	HAPPN	050		TF		FB					
	RW25L	SILOW	060		TF		FB					
	RW25R		010		VA		FB		258.1 ()		AA 01550	
	RW25R		020		VD		FB		260.0 ()	009.0		
	RW25R		030		VM	R	FB		360.0 ()			
	RW25R	THOMM	040		CF		FB		006.0 ()	039.0		
	RW25R	HAPPN	050		TF		FB					
	RW25R	SILOW	060		TF		FB					
	RW26		010		VA		FB		258.1 ()		AA 01550	
	RW26		020		VD		FB		260.0 ()	009.0		
	RW26		030		VM	R	FB		360.0 ()			
	RW26	THOMM	040		CF		FB		006.0 ()	039.0		
	RW26	HAPPN	050		TF		FB					
	RW26	SILOW	060		TF		FB					
	BCE	SILOW	010		IF		FB					
	BCE	FLG	020		TF		FB					
	BCE	GCN	030		TF		FB					
	BCE	BCE	040		TF		FB					
	DVC	SILOW	010		IF		FB					
	DVC	INW	020		TF		FB					

QUALITY
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CHECKED

DEPARTURE (DATA RECORD)

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DVC	DVC	030	TF	FB
FLG	SILOW	010	IF	FB
FLG	FLG	020	TF	FB
RSK	SILOW	010	IF	FB
RSK	INW	020	TF	FB
RSK	DEXTR	030	TF	FB
RSK	RSK	040	TF	FB

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	BCE	N374121.07	W1121814.03	N3741.351	W11218.234
	DVC	N374831.46	W1085552.59	N3748.524	W10855.877
	FLG	N350849.91	W1114026.99	N3508.832	W11140.450
	GCN	N355737.22	W1120845.77	N3557.620	W11208.763
	INW	N350341.76	W1104742.07	N3503.696	W11047.701
	PXR	N332558.87	W1115812.72	N3325.981	W11158.212
	RSK	N364454.21	W1080556.04	N3644.904	W10805.934
	DEXTR	N354044.94	W1094956.40	N3540.749	W10949.940
	HAPPN	N342235.98	W1113600.85	N3422.600	W11136.014
	SILOW	N343237.68	W1113201.66	N3432.628	W11132.028
	THOMM	N340307.55	W1114342.46	N3403.126	W11143.708
	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	THRESHOLD	
RWY	ELEVATION	TCH
RW07L	01110	57
RW07R	01111	57
RW08	01113	54
RW25L	01126	44
RW25R	01134	55
RW26	01135	54

