

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 statute miles or feet RVR unless otherwise indicated. Graphic depictions attached.

DP Name	Number	DP Computer Code	Superseded Number	Dated	Effective Date
STANFIELD	FOUR	TFD4.TFD	THREE	07/26/2012	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 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 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 DME EAST OF PXR VORTAC, CLIMBING RIGHT TURN HEADING 100.00 THENCE...

TAKEOFF RWY 25L/25R/26: CLIMB HEADING 258.05 TO 1550, THEN CLIMBING LEFT TURN HEADING 240.00, AT 9 DME WEST OF PXR VORTAC, CLIMBING LEFT TURN HEADING 160.00 THENCE...

...MAINTAIN 8000, EXPECT RADAR VECTORS TO TFD R-340 TO TFD VORTAC. THENCE (VIA (TRANSITION)). EXPECT FURTHER CLEARANCE TO 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
OLIIN	TFD4.OLIIN	TFD VORTAC	PUSCH	107.00 (TFD R-107)	59.44	15000	10000	
		PUSCH	OLIIN INT	107.00 (TFD R-107)	40.77	FL180	11400	
TUS	TFD4.TUS	TFD VORTAC	TUS VORTAC	120.92 & 121.45 (TFD R-121 & TUS R-301)	69.18	8000	6900	

PROCEDURAL DATA NOTES/TAKEOFF MINIMUMS:

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

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

NOTE: STANFIELD DEPARTURE RESTRICTED TO TURBOJET AND TURBO PROP AIRCRAFT ONLY.

NOTE: RADAR AND DME REQUIRED.



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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. TERRAIN 469 FT FROM DER, LEFT AND RIGHT OF CENTERLINE UP TO 1138 FT MSL. NOTE: RWY 7L, TERRAIN BEGINNING 4 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 1135 FT MSL. NOTE: RWY 8, MULTIPLE 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 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 FROM DER, 666 FT RIGHT OF CENTERLINE, 30 FT AGL/1140 FT MSL. NOTE: RWY 26, MULTIPLE BUILDINGS 2.03 NM FROM DER, 2539 FT RIGHT OF CENTERLINE, UP TO 520 FT AGL/1602 FT MSL. MULTIPLE ELECTRICAL SYSTEMS BEGINNING 43 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 31 FT AGL/1142 FT MSL. MULTIPLE TREES BEGINNING 43 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 24 FT AGL/1133 FT MSL. 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. MULTIPLE POLES BEGINNING 82 FT FROM DER, LEFT AND RIGHT OF CENTERLINE, UP TO 60 FT AGL/1171 FT MSL.

CONTROLLING OBSTACLES:

RWY 26: 1602 FT MSL BUILDING, 332702.66N/1120423.44W

LOST COMMUNICATIONS PROCEDURES:

EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

ADDITIONAL FLIGHT DATA:

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.

FIXES AND/OR NAVAIDS:

JOLAV

REMARKS:

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COORDINATED WITH:

August 20, 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
STANFIELD	FOUR	TFD4.TFD	THREE	07/26/2012	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		100.0 ()			
	RW07L	TFD	040		CF		FB		160.0 ()	033.0		
	RW07R		010		VA		FB		078.0 ()		AA 01550	
	RW07R		020		VD		FB		070.0 ()	004.0		
	RW07R		030		VM		FB		100.0 ()			
	RW07R	TFD	040		CF		FB		160.0 ()	032.0		
	RW08		010		VA		FB		078.1 ()		AA 01550	
	RW08		020		VD		FB		080.0 ()	004.0		
	RW08		030		VM		FB		100.0 ()			
	RW08	TFD	040		CF		FB		160.0 ()	034.0		
	RW25B		010		VA		FB		258.1 ()		AA 01550	
	RW25B		020		VD		FB		240.0 ()	009.0		
	RW25B		030		VM	L	FB		160.0 ()			
	RW25B	TFD	040		CF		FB		160.0 ()	034.0		
	RW26		010		VA		FB		258.1 ()		AA 01550	
	RW26		020		VD		FB		240.0 ()	009.0		
	RW26		030		VM	L	FB		160.0 ()			
	RW26	TFD	040		CF		FB		160.0 ()	034.0		
	OLIIN	TFD	010		IF		FB					
	OLIIN	PUSCH	020		TF		FB		107.0 ()	059.4		
	OLIIN	OLIIN	030		TF		FB		107.0 ()	040.8		
	TUS	TFD	010		IF		FB					
	TUS	TUS	020		TF		FB		120.9 ()	069.2		

POINT DATA	WAYPOINT	LAT IN SECS	LONG IN SECS	LAT IN MINS	LONG IN MINS
	PXR	N332558.87	W1115812.72	N3325.981	W11158.212
	TFD	N325309.08	W1115431.44	N3253.151	W11154.524
	TUS	N320542.74	W1105453.48	N3205.712	W11054.891
	OLIIN	N320345.69	W1101123.06	N3203.762	W11011.384
	PUSCH	N322401.68	W1105307.48	N3224.028	W11053.125
	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

QUALITY
15
CHECKED

DEPARTURE (DATA RECORD)

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STANFIELD	FOUR	TFD4.TFD	THREE	07/26/2012	25 JUN 2015

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

QUALITY
15
CHECKED