

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
GRAPHIC DEPARTURE PROCEDURES (DP)**

Bearings, headings, courses, tracks and radials are magnetic. Elevations 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.

<u>DP NAME</u>	<u>NUMBER</u>	<u>DP COMPUTER CODE</u>	<u>SUPERSEDED NUMBER</u>	<u>DATED</u>	<u>EFFECTIVE DATE</u>
QUAKY	ONE	QUAKY1.QUAKY	NONE		24MAY2018

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	☐	☐	☒	☐	☒

DP ROUTE DESCRIPTION:

TAKEOFF RWY 7L: CLIMB HEADING 078.04 TO 1635, THEN DIRECT SPRKY, THEN LEFT TURN DIRECT TO CROSS GOALY AT/BELOW 9000, THEN ON TRACK 337.39 TO QUAKY, THENCE...

TAKEOFF RWY 7R: CLIMB HEADING 078.03 TO 1635, THEN DIRECT SPRKY, THEN LEFT TURN DIRECT TO CROSS GOALY AT/BELOW 9000, THEN ON TRACK 337.39 TO QUAKY, THENCE...

TAKEOFF RWY 8: CLIMB HEADING 078.06 TO 1635, THEN DIRECT SPRKY, THEN LEFT TURN DIRECT TO CROSS GOALY AT/BELOW 9000, THEN ON TRACK 337.39 TO QUAKY, THENCE...

TAKEOFF RWY 25L: CLIMB HEADING 258.05 TO 1635, THEN DIRECT ZOLUP, THEN ON TRACK 260.00 TO YOVKU, THEN ON TRACK 348.72 TO CROSS ZIDOG AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 001.71 TO OXYGN, THEN ON TRACK 034.74 TO ZILUB, THEN ON TRACK 356.97 TO QUAKY, THENCE ...

TAKEOFF RWY 25R: CLIMB HEADING 258.06 TO 1635, THEN DIRECT JINOL, THEN ON TRACK 260.00 TO OSGUE, THEN ON TRACK 348.69 TO CROSS ZIDOG AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 001.71 TO OXYGN, THEN ON TRACK 034.74 TO ZILUB, THEN ON TRACK 356.97 TO QUAKY, THENCE ...

TAKEOFF RWY 26: CLIMB HEADING 258.08 TO 1635, THEN DIRECT WIVLA, THEN ON TRACK 260.00 TO HIRVU, THEN ON TRACK 348.54 TO CROSS ZIDOG AT OR ABOVE 5000 AND AT OR BELOW 230 KIAS, THEN ON TRACK 001.71 TO OXYGN, THEN ON TRACK 034.74 TO ZILUB, THEN ON TRACK 356.97 TO QUAKY, THENCE ...

...ON TRACK 342.77 TO SNOBL, THEN ON (TRANSITION). MAINTAIN 8000, EXPECT HIGHER ALTITUDE 3 MINUTES AFTER DEPARTURE.

TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):

<u>TRANSITION NAME</u>	<u>TRANSITION COMPUTER CODE</u>	<u>FROM FIX/NAVAID</u>	<u>TO FIX/NAVAID</u>	<u>COURSE</u>	<u>DISTANCE</u>	<u>MEA</u>	<u>MOCA</u>	<u>CROSSING ALTITUDE/FIXES</u>
CARTL	QUAKY1.CARTL	SNOBL	CARTL	TRACK 342.78	20.08	FL180	9100	
GRAND CANYON	QUAKY1.GCN	SNOBL	CARTL	TRACK 342.78	20.08	FL180	9100	
		CARTL	LOFTS	TRACK 342.70	35.95	FL180	11500	
		LOFTS	RIMMM	TRACK 343.35	10.19	FL180	11500	
		RIMMM	GCN VOR/DME	TRACK 342.42	25.80	FL180	9400	
JARPA	QUAKY1.JARPA	SNOBL	CARTL	TRACK 342.78	20.08	FL180	9100	
		CARTL	JARPA	TRACK 050.04	122.88	FL180	10800	
RIMMM	QUAKY1.RIMMM	SNOBL	CARTL	TRACK 342.78	20.08	FL180	9100	
		CARTL	LOFTS	TRACK 342.70	35.95	FL180	11500	
		LOFTS	RIMMM	TRACK 343.35	10.19	FL180	11500	
YOOPR	QUAKY1.YOOPR	SNOBL	CARTL	TRACK 342.78	20.08	FL180	9100	
		CARTL	YOOPR	TRACK 042.93	94.08	FL180	10700	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

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QUAKY	ONE	QUAKY1.QUAKY	NONE		24MAY2018

NOTE: TURBOJETS AND TURBOPROPS ONLY.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

NOTE: JARPA TRANSITION ATC ASSIGNED ONLY.

NOTE: YOOPR TRANSITION ATC ASSIGNED ONLY.

NOTE: CARLT TRANSITION FOR FLG OR PGA TERMINAL ARRIVALS ONLY.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT USING YOOPR TRANSITION, DRK DME MUST BE OPERATIONAL.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT, IWA DME MUST BE OPERATIONAL.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 25L/R, 26, TFD AND BXK DMES MUST BE OPERATIONAL.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 8, 25R, 26, DRK DME MUST BE OPERATIONAL.

NOTE: FOR NON-GPS EQUIPPED AIRCRAFT DEPARTING RWYS 7L/R, PXR DME MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:

RWY 7L/R, 8: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1635, THEN MINIMUM CLIMB OF 230 FT/NM TO 5200.

RWY 25L/R, 26: STANDARD WITH MINIMUM CLIMB OF 500 FT/NM TO 1635.

TAKEOFF OBSTACLES NOTES:

SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP).

CONTROLLING OBSTACLES:

RWY 7L/7R, 8: 4182 FT MSL AAO 333839.54N/1114843.09W

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KPHX 12E EPOCH YR: 2000

DME/DME/IRU ASSESSMENT: SAT (RNP 2.0)

CHART SPEED ICON MAXIMUM SPEED 230 KIAS AT ZIDOG.

CHART: TOP ALTITUDE: 8000.

CHART: MEA/MOCA FROM QUAKY TO SNOBL 14600/8200.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
PHOENIX SKY HARBOR INTL (KPHX)	PHOENIX	AZ

COMMUNICATIONS:

PHOENIX SKY HARBOR INTL: ATIS, CLNC DEL, GND CON, PHX ATCT, PHOENIX DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

MOCAS FL180 AND ABOVE PUBLISHED PER ATC REQUEST.



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DP NAME	NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
QUAKY	ONE	QUAKY1.QUAKY	NONE		24MAY2018
FLIGHT INSPECTED BY: <i>Digitally signed by</i> SCOTT A THOMPSON ROBERT G HAMILTON Mar 27, 2018			OFFICE SYMBOL: FICO DATE: 3/2/18		
DEVELOPED BY: <i>Digitally signed by</i> DUSTIN DAVIDSON DUSTIN DAVIDSON Mar 17, 2018			OFFICE SYMBOL: AJV-5422 DATE: 01/03/2018		
APPROVED BY: <i>Digitally signed by</i> JULIE MORGAN ROBERT G HAMILTON Mar 27, 2018			OFFICE SYMBOL: AJV-5420 DATE:		
REQUIRED EFFECTIVE DATE: ROUTINE					
COORDINATED WITH: A4A ALPA AOPA APA HAI NBAA ☒ ☒ ☒ ☒ ☐ ☒					
OTHER: ZAB, PHOENIX APP CON, KPHX ATCT, WFPT					
CHANGES - REASONS: ATC REQUEST - REPLACES SNOBL SID					

02/22/18: THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 01/03/18.

1. REMOVED ALL REFERENCES TO CHANDLER MUNI (KCHD), PHOENIX DEER VALLEY (KDVT), GLENDALE MUNI (KGEU), PHOENIX GOODYEAR (KGYR), PHOENIX-MESA GATEWAY (KIWA), AND SCOTTSDALE (KSDL) FROM SID. UPDATED FORMS NOW ONLY APPLY TO KPHX. SATELLITE AIRPORTS REMOVED.
2. REMOVED "KPHX" IDENTIFIER FROM PROCEDURAL NOTES. UPDATED FORMS NOW ONLY APPLY TO KPHX. SATELLITE AIRPORTS REMOVED.



**FEDERAL AVIATION ADMINISTRATION
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DEPARTURE (DATA RECORD)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
QUAKY							ONE	QUAKY1.QUAKY	NONE		24MAY2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)		ALTITUDE	SPEED		REMARKS
RW07L (AER)	332551.81N/1120137.56W	N	-	-	-	-					
1635 MSL	-	-	-	VA	090.04	-					CG 500 FT PER NM TO 1635, THEN CG 230 FT PER NM TO 5200
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-					LEFT TURN
GOALY	333905.62N/1115011.78W	Y	FB	DF	-	13.20		AT/BELOW 9000			
QUAKY	340527.51N/1115608.08W	Y	FB	TF	349.39	26.78					
RW07R (AER)	332543.89N/1120137.57W	N	-	-	-	-					
1635 MSL	-	-	-	VA	090.03	-					CG 500 FT PER NM TO 1635, THEN CG 230 FT PER NM TO 5200
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-					LEFT TURN
GOALY	333905.62N/1115011.78W	Y	FB	DF	-	13.20		AT/BELOW 9000			
QUAKY	340527.51N/1115608.08W	Y	FB	TF	349.39	26.78					
RW08 (AER)*	332627.09N/1120136.66W*	N	-	-	-	-					*DISPL THLD (898 FT)
1635 MSL	-	-	-	VA	090.06	-					CG 500 FT PER NM TO 1635, THEN CG 230 FT PER NM TO 5200
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-					LEFT TURN
GOALY	333905.62N/1115011.78W	Y	FB	DF	-	13.20		AT/BELOW 9000			
QUAKY	340527.51N/1115608.08W	Y	FB	TF	349.39	26.78					
RW25L (AER)	332543.84N/1120005.54W	N	-	-	-	-					
1635 MSL	-	-	-	VA	270.05	-					CG 500 FT PER NM TO 1635
ZOLUP	332546.01N/1120404.36W	Y	FB	DF	-	-					
YOVKU	332559.42N/1121150.63W	Y	FB	TF	272.00	6.51					

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QUAKY							ONE	QUAKY1.QUAKY	NONE		24MAY2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
ZIDOG	333146.64N/1121145.39W	Y	FB	TF	000.72	5.78	AT/ABOVE 5000	AT/BELOW 230K			
OXYGN	333656.05N/1121015.16W	Y	FB	TF	013.71	5.30					
ZILUB	334458.32N/1120001.23W	Y	FB	TF	046.74	11.72					
QUAKY	340527.51N/1115608.08W	Y	FB	TF	008.97	20.70					
RW25R (AER)	332551.73N/1115936.05W	N	-	-	-	-					
1635 MSL	-	-	-	VA	270.06	-				CG 500 FT PER NM TO 1635	
JINOL	332553.93N/1120404.47W	Y	FB	DF	-	-					
OSGUE	332607.33N/1121150.30W	Y	FB	TF	272.00	6.50					
ZIDOG	333146.64N/1121145.39W	Y	FB	TF	000.69	5.65	AT/ABOVE 5000	AT/BELOW 230K			
OXYGN	333656.05N/1121015.16W	Y	FB	TF	013.71	5.30					
ZILUB	334458.32N/1120001.23W	Y	FB	TF	046.74	11.72					
QUAKY	340527.51N/1115608.08W	Y	FB	TF	008.97	20.70					
RW26 (AER)	332626.96N/1115931.69W	N	-	-	-	-					
1635 MSL	-	-	-	VA	270.08	-				CG 500 FT PER NM TO 1635	
WIVLA	332629.25N/1120414.05W	Y	FB	DF	-	-					
HIRVU	332642.33N/1121148.84W	Y	FB	TF	272.00	6.35					
ZIDOG	333146.64N/1121145.39W	Y	FB	TF	000.54	5.06	AT/ABOVE 5000	AT/BELOW 230K			
OXYGN	333656.05N/1121015.16W	Y	FB	TF	013.71	5.30					
ZILUB	334458.32N/1120001.23W	Y	FB	TF	046.74	11.72					
QUAKY	340527.51N/1115608.08W	Y	FB	TF	008.97	20.70					

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QUAKY							ONE	QUAKY1.QUAKY	NONE		24MAY2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
QUAKY	340527.51N/1115608.08W	Y	-	IF	-	-					
SNOWL	342550.94N/1115823.17W	Y	FB	TF	354.77	20.44					
SNOWL	342550.94N/1115823.17W	Y	-	IF	-	-			QUAKY1.CARTL		
CARTL	344552.98N/1120036.29W	Y	FB	TF	354.78	20.08					
SNOWL	342550.94N/1115823.17W	Y	-	IF	-	-			QUAKY1.GCN		
CARTL	344552.98N/1120036.29W	Y	FB	TF	354.78	20.08					
LOFTS	352143.99N/1120439.65W	Y	FB	TF	354.70	35.95					
RIMMM	353154.24N/1120540.39W	Y	FB	TF	355.35	10.19					
GCN VOR/DME	355737.22N/1120845.77W	Y	FB	TF	354.42	25.80					
SNOWL	342550.94N/1115823.17W	Y	-	IF	-	-			QUAKY1.JARPA		
CARTL	344552.98N/1120036.29W	Y	FB	TF	354.78	20.08					
JARPA	354222.46N/1094719.99W	Y	FB	TF	062.04	122.88					
SNOWL	342550.94N/1115823.17W	Y	-	IF	-	-			QUAKY1.RIMMM		
CARTL	344552.98N/1120036.29W	Y	FB	TF	354.78	20.08					
LOFTS	352143.99N/1120439.65W	Y	FB	TF	354.70	35.95					
RIMMM	353154.24N/1120540.39W	Y	FB	TF	355.35	10.19					
SNOWL	342550.94N/1115823.17W	Y	-	IF	-	-			QUAKY1.YOOPR		

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QUAKY							ONE	QUAKY1.QUAKY	NONE		24MAY2018
<u>FIX/NAVAID</u>	<u>LAT/LONG</u>	<u>C</u>	<u>FO/FB</u>	<u>LEG TYPE</u>	<u>TC</u>	<u>DIST (NM)</u>	<u>ALTITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>		
CARTL	344552.98N/1120036.29W	Y	FB	TF	354.78	20.08					
YOOPR	353924.72N/1102606.72W	Y	FB	TF	054.93	94.08					

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