

**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SUPERSEDED NUMBER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>
STRRM	ONE	STRRM1.STRRM	NONE		24MAY2018

<u>TYPE:</u>	<u>OBSTACLE</u>	<u>COPTER</u>	<u>SID</u>	<u>SPECIAL</u>	<u>RNAV</u>
	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

DP ROUTE DESCRIPTION:

TAKEOFF RWY 7L: CLIMB HEADING 078.04 TO 1635, THEN DIRECT TO CROSS SPRKY AT OR ABOVE 2600 AND AT OR BELOW 220 KIAS, THEN RIGHT TURN DIRECT ANZEL, THEN ON TRACK 180.59 TO DDUKE, THEN ON TRACK 199.04 TO BNYRD, THENCE ...

TAKEOFF RWY 7R: CLIMB HEADING 078.03 TO 1635, THEN DIRECT TO CROSS SPRKY AT OR ABOVE 2600 AND AT OR BELOW 220 KIAS, THEN RIGHT TURN DIRECT ANZEL, THEN ON TRACK 180.59 TO DDUKE, THEN ON TRACK 199.04 TO BNYRD, THENCE ...

TAKEOFF RWY 8: CLIMB HEADING 078.06 TO 1635, THEN DIRECT TO CROSS SPRKY AT OR ABOVE 2600 AND AT OR BELOW 220 KIAS, THEN RIGHT TURN DIRECT ANZEL, THEN ON TRACK 180.59 TO DDUKE, THEN ON TRACK 199.04 TO BNYRD, THENCE ...

TAKEOFF RWY 25L: CLIMB HEADING 258.05 TO INTERCEPT COURSE 240.00 TO JUTAK, THEN ON TRACK 151.44 TO WETAL, THEN ON TRACK 139.51 TO BNYRD, THENCE ...

TAKEOFF RWY 25R: CLIMB HEADING 258.06 TO INTERCEPT COURSE 240.00 TO JUTAK, THEN ON TRACK 151.44 TO WETAL, THEN ON TRACK 139.51 TO BNYRD, THENCE ...

TAKEOFF RWY 26: CLIMB HEADING 258.08 TO 1635, THEN LEFT TURN DIRECT JUTAK, THEN ON TRACK 151.44 TO WETAL, THEN ON TRACK 139.51 TO BNYRD, THENCE ...

...ON TRACK 144.56 TO STRRM, 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>
TUCSON	STRRM1.TUS	STRRM	TUS VORTAC	TRACK 120.93	69.20	FL180	6800	

PROCEDURAL DATA NOTES:

NOTE: RNAV 1.

NOTE: TURBOJETS AND TURBOPROPS ONLY.

NOTE: RADAR REQUIRED.

NOTE: DME/DME/IRU OR GPS REQUIRED.

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

TAKEOFF MINIMUMS:

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

RWYS 25 L/R, 26: STANDARD WITH MINIMUM CLIMB OF 500 FT PER NM TO 1900.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

RWY 25L, 25R, 26: 2679 FT MSL, AAO 331952.02N/1120738.81W

LOST COMMUNICATIONS PROCEDURES:**ADDITIONAL FLIGHT DATA:**

REFERENCE MAGVAR: KPHX 12E EPOCH YR: 2000

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

CHART SPEED ICON MAXIMUM SPEED 220 KIAS AT SPRKY.

CHART: TOP ALTITUDE: 8000.

CHART: MEA/MOCA FROM BNYRD TO STRRM 10000/3600.



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STRRM	ONE	STRRM1.STRRM	NONE		24MAY2018

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.

FLIGHT INSPECTED BY:

Digitally signed by

ROBERT G HAMILTON

SCOTT A THOMPSON

Mar 27, 2018

OFFICE SYMBOL:**DATE:**

FICO

3/1/18

DEVELOPED BY:

Digitally signed by

DUSTIN DAVIDSON

DUSTIN DAVIDSON

Mar 12, 2018

OFFICE SYMBOL:**DATE:**

AJV-5422

01/03/2018

APPROVED BY:

Digitally signed by

ROBERT G HAMILTON

JULIE MORGAN

Mar 27, 2018

OFFICE SYMBOL:**DATE:**

AJV-5420

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

A4A **ALPA** **AOPA** **APA** **HAI** **NBAA**

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OTHER:

ZAB, PHOENIX DEP CON, KPHX ATCT, WFPT

CHANGES - REASONS:

ATC REQUEST - REPLACES BNYRD 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.

QUALITY
3
CHECKED

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
DEPARTURE (DATA RECORD)**

<u>DP NAME</u>		<u>NUMBER</u>		<u>DP COMPUTER CODE</u>		<u>SUPERSEDED NUMBER</u>		<u>DATED</u>	<u>EFFECTIVE DATE</u>
STRRM		ONE		STRRM1.STRRM		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>
RW07L (AER)	332551.81N/1120137.56W	N	-	-	-	-			
1635 MSL	-	-	-	VA	090.04	-			CG 500 FT PER NM TO 1635
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-	AT/ABOVE 2600	AT/BELOW 220K	
ANZEL	332136.11N/1114759.46W	Y	FB	DF	-	6.45			RIGHT TURN
DDUKE	330918.96N/1115115.19W	Y	FB	TF	192.59	12.56			
BNYRD	325953.24N/1115759.15W	Y	FB	TF	211.04	10.98			
RW07R (AER)	332543.89N/1120137.57W	N	-	-	-	-			
1635 MSL	-	-	-	VA	090.03	-			CG 500 FT PER NM TO 1635
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-	AT/ABOVE 2600	AT/BELOW 220K	
ANZEL	332136.11N/1114759.46W	Y	FB	DF	-	6.45			RIGHT TURN
DDUKE	330918.96N/1115115.19W	Y	FB	TF	192.59	12.56			
BNYRD	325953.24N/1115759.15W	Y	FB	TF	211.04	10.98			
RW08 (AER)*	332627.09N/1120136.66W*	N	-	-	-	-			*DISPL THLD (898 FT)
1635 MSL	-	-	-	VA	090.06	-			CG 500 FT PER NM TO 1635
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-	AT/ABOVE 2600	AT/BELOW 220K	
ANZEL	332136.11N/1114759.46W	Y	FB	DF	-	6.45			RIGHT TURN
DDUKE	330918.96N/1115115.19W	Y	FB	TF	192.59	12.56			
BNYRD	325953.24N/1115759.15W	Y	FB	TF	211.04	10.98			
RW25L (AER)	332543.84N/1120005.54W	N	-	-	-	-			

QUALITY
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CHECKED

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

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
STRRM							ONE	STRRM1.STRRM	NONE		24MAY2018
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED		REMARKS	
-	332543.93N/1120005.54W	-	-	VI	270.05	2.76				CG 500 FT PER NM TO 1900	
JUTAK	332332.28N/1121127.51W	Y	FB	CF	252.00	7.10				RECOMMENDED NAVAID: PXR VORTAC	
WETAL	331729.26N/1120918.99W	Y	FB	TF	163.44	6.30					
BNYRD	325953.24N/1115759.15W	Y	FB	TF	151.51	19.98					
RW25R (AER)	332551.73N/1115936.05W	N	-	-	-	-					
-	332551.84N/1120254.15W	-	-	VI	270.06	2.76				CG 500 FT PER NM TO 1900	
JUTAK	332332.28N/1121127.51W	Y	FB	CF	252.00	7.53				RECOMMENDED NAVAID: PXR VORTAC	
WETAL	331729.26N/1120918.99W	Y	FB	TF	163.44	6.30					
BNYRD	325953.24N/1115759.15W	Y	FB	TF	151.51	19.98					
RW26 (AER)	332626.96N/1115931.69W	N	-	-	-	-					
1635 MSL	-	-	-	VA	270.08	-				CG 500 FT PER NM TO 1900	
JUTAK	332332.28N/1121127.51W	Y	FB	DF	-	-				LEFT TURN	
WETAL	331729.26N/1120918.99W	Y	FB	TF	163.44	6.30					
BNYRD	325953.24N/1115759.15W	Y	FB	TF	151.51	19.98					
BNYRD	325953.24N/1115759.15W	Y	-	IF	-	-					
STRRM	325310.57N/1115432.21W	Y	FB	TF	156.56	7.30					
STRRM	325310.57N/1115432.21W	Y	-	IF	-	-				STRRM1.TUS	
TUS VORTAC	320542.73N/1105453.48W	Y	FB	TF	132.93	69.20					

QUALITY

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QUALITY
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