

**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SUPERSEDED NUMBER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>
ECLPS	ONE	ECLPS1.ECLPS	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 TO SPRKY, THEN RIGHT TURN DIRECT ECLPS. THENCE. . .
 TAKEOFF RWY 7R: CLIMB HEADING 078.03 TO 1635, THEN DIRECT TO SPRKY, THEN RIGHT TURN DIRECT ECLPS. THENCE. . .
 TAKEOFF RWY 8: CLIMB HEADING 078.06 TO 1635, THEN DIRECT TO SPRKY, THEN RIGHT TURN DIRECT ECLPS. 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 123.29 TO RIICH, THEN ON TRACK 095.25 TO ECLPS. 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 123.29 TO RIICH, THEN ON TRACK 095.25 TO ECLPS. 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 123.29 TO RIICH, THEN ON TRACK 095.25 TO ECLPS. THENCE. . .
 . . .ON TRACK 110.99 TO KATMN. THEN ON (TRANSITION), EXPECT FILED 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>
PHASE	ECLPS1.PHASE	KATMN	BOXXR	TRACK 092.55	48.49	FL180	9700	
		BOXXR	PHASE	TRACK 086.41	30.67	FL180	9300	

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, TFD AND DUG DME'S MUST BE OPERATIONAL.

TAKEOFF MINIMUMS:

RWYS 7 L/R, 8: STANDARD WITH MINIMUM CLIMB OF 500 FT PER 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 MAG VAR: KPHX 12E EPOCH YR: 2000.
 DME/DME ASSESSMENT: SAT (RNP 2.0).
 CHART: MEA/MOCA FROM ECLPS TO KATMN FL180/7700.
 CHART: TOP ALTITUDE: 8000.



**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>
ECLPS	ONE	ECLPS1.ECLPS	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

SCOTT A THOMPSON

ROBERT G HAMILTON

Mar 27, 2018

OFFICE SYMBOL:

FICO

DATE:

3/1/18

DEVELOPED BY:

DUSTIN DAVIDSON

Digitally signed by

DUSTIN DAVIDSON

Mar 17, 2018

OFFICE SYMBOL:

AJV-5422

DATE:

01/03/2018

APPROVED BY:

Digitally signed by

ROBERT G HAMILTON

JULIE MORGAN

Mar 27, 2018

OFFICE SYMBOL:

AJV-542

DATE:**REQUIRED EFFECTIVE DATE:**

ROUTINE

COORDINATED WITH:

A4A ALPA AOPA APA HAI NBAA

☒ ☒ ☒ ☒ ☐ ☒

OTHER:

ZAB, PHOENIX DEP CON, KPHX ATCT, WFPT

CHANGES - REASONS:

ATC REQUEST - REPLACES KATMN 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)**

DP NAME							NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	EFFECTIVE DATE
ECLPS							ONE	ECLPS1.ECLPS	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	
SPRKY	332609.01N/1115327.82W	Y	FO	DF	-	-					
ECLPS	333149.83N/1111312.53W	Y	FB	DF	-	31.18					
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	-	-					
ECLPS	333149.83N/1111312.53W	Y	FB	DF	-	31.18					
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	-	-					
ECLPS	333149.83N/1111312.53W	Y	FB	DF	-	31.18					
RW25L (AER)	332543.84N/1120005.54W	N	-	-	-	-					
-	332543.93N/1120323.32W	-	-	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					
RIICH	331425.92N/1120543.09W	Y	FB	TF	135.29	4.29					
ECLPS	333149.83N/1111312.53W	Y	FB	TF	107.25	34.08					

QUALITY
3
CHECKED

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

DP NAME		NUMBER		DP COMPUTER CODE		SUPERSEDED NUMBER		DATED		EFFECTIVE DATE	
ECLPS		ONE		ECLPS1.ECLPS		NONE				24MAY2018	
FIX/NAVAID	LAT/LONG	C	FO/FB	LEG TYPE	TC	DIST (NM)	ALTITUDE	SPEED	REMARKS		
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					
RIICH	331425.92N/1120543.09W	Y	FB	TF	135.29	4.29					
ECLPS	333149.83N/1111312.53W	Y	FB	TF	107.25	34.08					
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					
RIICH	331425.92N/1120543.09W	Y	FB	TF	135.29	4.29					
ECLPS	333149.83N/1111312.53W	Y	FB	TF	107.25	34.08					
ECLPS	333149.83N/1111312.53W	Y	-	IF	-	-					
KATMN	323840.28N/1104044.96W	Y	FB	TF	122.99	46.55					
KATMN	323840.28N/1104044.96W	Y	-	IF	-	-			ECLPS1.PHASE		
BOXXR	322615.64N/1094517.78W	Y	FB	TF	104.55	48.49					
PHASE	322140.72N/1090928.40W	Y	FO	TF	098.41	30.67					

QUALITY
3
CHECKED