

**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SUPERSEDED NUMBER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>
KATMN	SIX	KATMN6.KATMN	FIVE	11/10/2016	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:

CHANDLER MUNI
 TAKEOFF RWY 4L: CLIMB HEADING 037.62 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 4R: CLIMB HEADING 037.63 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 22R: CLIMB HEADING 217.63 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 22L: CLIMB HEADING 217.64 OR AS ASSIGNED BY ATC. THENCE...
 ...ON RADAR VECTORS TO ECLPS, THEN ON TRACK 110.99 TO KATMN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

PHOENIX DEER VALLEY:
 TAKEOFF RWY 25L: CLIMBING RIGHT TURN HEADING 320.00 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 25R: CLIMBING RIGHT TURN HEADING 320.00 OR AS ASSIGNED BY ATC, THENCE...
 ...ON RADAR VECTORS TO ECLPS, THEN ON TRACK 110.99 TO KATMN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

GLENDALE MUNI
 TAKEOFF RWY 1: CLIMB HEADING 013.71 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 19: CLIMB HEADING 200.00 OR AS ASSIGNED BY ATC, THENCE...
 ...ON RADAR VECTORS TO ECLPS, THEN ON TRACK 110.99 TO KATMN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

PHOENIX GOODYEAR
 TAKEOFF RWY 3: CLIMB HEADING 028.09 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 21: CLIMB HEADING 228.00 OR AS ASSIGNED BY ATC, THENCE...
 ...ON RADAR VECTORS TO ECLPS, THEN ON TRACK 110.99 TO KATMN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

PHOENIX-MESA GATEWAY
 TAKEOFF RWY12C: CLIMB HEADING 123.57 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY12L: CLIMB HEADING 123.57 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 12R: CLIMB HEADING 123.56 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 30C: CLIMB HEADING 303.58 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 30L: CLIMB HEADING 303.57 OR AS ASSIGNED BY ATC. THENCE...
 TAKEOFF RWY 30R: CLIMB HEADING 303.58 OR AS ASSIGNED BY ATC. THENCE...
 ...ON RADAR VECTORS TO ECLPS, THEN ON TRACK 110.99 TO KATMN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

SCOTTSDALE
 TAKEOFF RWY 3: CLIMBING LEFT TURN HEADING 335.00 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 21: CLIMBING RIGHT TURN HEADING 335.00 OR AS ASSIGNED BY ATC. THENCE...
 ...ON RADAR VECTORS TO ECLPS, THEN ON TRACK 110.99 TO KATMN, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, 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	KATMN6.PHASE	KATMN	BOXXR	092.55	48.49	FL180	7600	QUALITY 3 CHECKED
		BOXXR	PHASE	086.41	30.67	FL180	9100	

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PROCEDURAL DATA NOTES:

NOTE: RNAV 1
NOTE: TURBOJETS AND TURBOPROPS ONLY
NOTE: RADAR REQUIRED
NOTE: GPS REQUIRED.
NOTE: AIRCRAFT DEPARTING KGEU AND KGYR ATC ASSIGNED ONLY.
KSDL NOTE: RWY 21: DO NOT EXCEED 210K UNTIL ESTABLISHED ON ASSIGNED HEADING.

TAKEOFF MINIMUMS:

CHANDLER:
RWY 4L/R, 22L/R: STANDARD.

PHOENIX DEER VALLEY:
RWY 7L/R: NA – OBSTACLES.
RWY 25L/R: STANDARD WITH MINIMUM CLIMB OF 370 FT/NM TO 4600.

GLENDAL MUNI:
RWY 1, 19: STANDARD.

PHOENIX GOODYEAR:
RWY 3, 21: STANDARD.

PHOENIX-MESA GATEWAY:
RWY 12L/C/R: STANDARD WITH A MINIMUM CLIMB OF 250 FT/NM TO 3100.
RWY 30L/C/R: STANDARD.

SCOTTSDALE:
RWY 3: STANDARD WITH MINIMUM CLIMB OF 445 FT/NM TO 4600.
RWY 21: STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 4600.

TAKEOFF OBSTACLES NOTES:

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

CONTROLLING OBSTACLES:

SCOTTSDALE:
RWY 3: 3039 FT MSL AAO 334147.51 N/1115119.13W (CG) AND 3639 FT MSL AAO 334854.37N/1115628.61W (CTA)

PHOENIX DEER VALLEY:
RWY 25L/R: 2479 FT MSL AAO 334504.94N/1120513.74W (CG) AND 4159 FT MSL AAO 334109.72N/1114920.69W (CTA)

PHOENIX-MESA GATEWAY:
RWY 12L/C/R: 2649 FT MSL AAO 331107.95N/1113745.04W.

LOST COMMUNICATIONS PROCEDURES:

ADDITIONAL FLIGHT DATA:

REFERENCE MAG VAR: KSDL 12E EPOCH YR: 1990.
DME/DME ASSESSMENT: SAT (RNP 2.0).
CHART: MEA/MOCA FROM ECLPS TO KATMN FL180/7600.
PHOENIX-MESA GATEWAY- CHART: TOP ALTITUDE: ASSIGNED BY ATC.



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CHANDLER MUNI- CHART: TOP ALTITUDE: ASSIGNED BY ATC.
PHOENIX GOODYEAR- CHART: TOP ALTITUDE: ASSIGNED BY ATC.
SCOTTSDALE- CHART: TOP ALTITUDE: ASSIGNED BY ATC.
GLENDALE MUNI- CHART: TOP ALTITUDE: ASSIGNED BY ATC.
PHOENIX DEER VALLEY- CHART: TOP ALTITUDE: ASSIGNED BY ATC.

AIRPORTS SERVED:

<u>AIRPORT NAME</u>	<u>CITY</u>	<u>STATE</u>
CHANDLER MUNI (KCHD)	CHANDLER	AZ
GLENDALE MUNI (KGEU)	GLENDALE	AZ
PHOENIX GOODYEAR (KGYR)	GOODYEAR	AZ
PHOENIX-MESA GATEWAY (KIWA)	PHOENIX	AZ
SCOTTSDALE (KSDL)	SCOTTSDALE	AZ
PHOENIX DEER VALLEY (KDVT)	PHOENIX	AZ

COMMUNICATIONS:

CHANDLER MUNI: ATIS, GND CON, CHD ATCT, PHOENIX DEP CON
PHOENIX DEER VALLEY: ATIS, CLNC DEL, GND CON, DVT ATCT, PHOENIX DEP CON
GLENDALE MUNI: ATIS, GND CON, GEU ATCT, PHOENIX DEP CON, LUKE DEP CON
PHOENIX GOODYEAR: ATIS, GND CON, GYR ATCT, PHOENIX DEP CON, LUKE DEP CON
PHOENIX-MESA GATEWAY: ATIS, CLNC DEL, GND CON, IWA ATCT, PHOENIX DEP CON
SCOTTSDALE: ATIS, CLNC DEL, GND CON, SDL ATCT, PHOENIX DEP CON

FIXES AND/OR NAVAIDS:

REMARKS:

KDVT RWY 25L/R AND KSDL RWY 21 CLIMB GRADIENTS AND CLIMB TO ALTITUDE DETERMINED BY LOCATION OF 4600 MVA AND PROXIMITY TO HIGHER MVAS.
KSDL: ATC WILL ASSIGN HEADING 335 OR AS ASSIGNED IN ACCORDANCE WITH DVA DATED 11/13/2014.
KDVT: ATC WILL ASSIGN HEADING 320 OR AS ASSIGNED IN ACCORDANCE WITH DVA DATED 6/30/2014
KGEU RWY 19 AND KGYR RWY 21 UTILIZE A HEADING FOR DEPARTURES WITHIN THE DVA RANGE FOR EACH RUNWAY WHICH IS CLOSEST TO THE RUNWAY ALIGNMENT SINCE THE RUNWAY ALIGNMENT IS NOT WITHIN THE USABLE DVA RANGE FOR VECTORING AIRCRAFT.
MOCAS WITH MEAS OF FL180 AND ABOVE PUBLISHED PER ATC REQUEST.



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FLIGHT INSPECTED BY: FLIGHT INSPECTION REVIEW NOT REQUIRED – PROCESSED IAW AIRCRAFT OPERATIONS GROUP (AJW-333) MEMO, DEC 22, 2017
OFFICE SYMBOL: AJW-333
DATE: 05/06/2016
Digitally signed by
ROBERT G HAMILTON
 Mar 26, 2018

DEVELOPED BY: DUSTIN DAVIDSON
Digitally signed by
DUSTIN DAVIDSON
 Mar 01, 2018
OFFICE SYMBOL: AJV-5422
DATE: 02/21/2018

APPROVED BY: JULIE MORGAN
Digitally signed by
ROBERT G HAMILTON
 Mar 26, 2018
OFFICE SYMBOL: AJV-5420
DATE:

REQUIRED EFFECTIVE DATE:
 ROUTINE

COORDINATED WITH:

A4A	ALPA	AOPA	APA	HAI	NBAA
<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input checked="" type="checkbox"/>

OTHER:
 ZAB, PHOENIX APP CON, KPHX ATCT, WFPT

- CHANGES - REASONS:**
1. REMOVED ALL REFERENCES TO KPHX FROM SID - REPLACED BY ECLPS SID FOR KPHX.
 2. ADDED "MAINTAIN ATC ASSIGNED ALTITUDE" TO DP ROUTE DESCRIPTION FOR KCHD, KDVT, KGEU, KGYR, KIWA, KSDL - TOP ALTITUDE ASSIGNED BY ATC.
 3. ADDED KSDL AS REFERENCE MAGVAR IN ADDITIONAL FLIGHT DATA - ATC REQUEST DUE TO KPHX REMOVAL FROM SID.
 4. ADDED "KSDL NOTE: RWY 21: DO NOT EXCEED 210K UNTIL ESTABLISHED ON ASSIGNED HEADING" TO PROCEDURAL DATA NOTES - IAW DVA FOR KSDL.
 5. REMOVED TAKEOFF DATA NOTES AND REPLACED WITH "SEE FORM 8260-15A, TAKEOFF MINIMUMS AND OBSTACLE DEPARTURE PROCEDURES (ODP)" - CURRENT CRITERIA MEMO #259.
 6. REMOVED PILOT NAVIGATION AREA - COVERED BY DVA.



**FEDERAL AVIATION ADMINISTRATION
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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>				
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<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>
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	-	-			KATMN6.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			

