

**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SUPERSEDED NUMBER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>
LALUZ	SIX	LALUZ6.LALUZ	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 :

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 22L: CLIMB HEADING 217.64 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 22R: CLIMB HEADING 217.63 OR AS ASSIGNED BY ATC, THENCE...
 ...EXPECT RADAR VECTORS TO FORPE, THEN ON TRACK 054.79 TO LALUZ, 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...
 ...EXPECT RADAR VECTORS TO FORPE, THEN ON TRACK 054.79 TO LALUZ, 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...
 ...EXPECT RADAR VECTORS TO FORPE, THEN ON TRACK 054.79 TO LALUZ, 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...
 ...EXPECT RADAR VECTORS TO FORPE, THEN ON TRACK 054.79 TO LALUZ, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.

PHOENIX-MESA GATEWAY :

TAKEOFF RWY 12L: CLIMB HEADING 123.57 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 12C: 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 30L: CLIMB HEADING 303.57 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 30C: CLIMB HEADING 303.58 OR AS ASSIGNED BY ATC, THENCE...
 TAKEOFF RWY 30R: CLIMB HEADING 303.58 OR AS ASSIGNED BY ATC, THENCE...
 ...EXPECT RADAR VECTORS TO FORPE, THEN ON TRACK 054.79 TO LALUZ, 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...
 ...EXPECT RADAR VECTORS TO FORPE, THEN ON TRACK 054.79 TO LALUZ, 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>
ALBUQUERQUE	LALUZ6.ABQ	LALUZ	SJN VORTAC	TRACK 055.38	57.72	FL180	11000	QUALITY 3 CHECKED
		SJN VORTAC	ABQ VORTAC	TRACK 059.46	120.92	FL180	10800	

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LALUZ	SIX	LALUZ6.LALUZ	FIVE	11/10/2016	24MAY2018
MAXXO	LALUZ6.MAXXO	LALUZ	SJN VORTAC	TRACK 055.38	57.72 FL180 11000
		SJN VORTAC	JSSUA	TRACK 080.11	56.22 FL180 11300
		JSSUA	MAXXO	TRACK 077.12	65.32 FL180 11800
ST JOHNS	LALUZ6.SJN	LALUZ	SJN VORTAC	TRACK 055.38	57.72 FL180 11000

PROCEDURAL DATA NOTES:

- NOTE: RNAV 1.
- NOTE: TURBOJETS AND TURBOPROPS ONLY.
- NOTE: RADAR REQUIRED.
- NOTE: GPS REQUIRED.
- NOTE: SJN TRANSITION FOR ABQ TERMINAL ARRIVALS ONLY.
- NOTE: MAXXO TRANSITION ATC ASSIGNED ONLY.
- NOTE: AIRCRAFT FILING OVER DEN, RSK, ALS AND POINTS NORTH OF ALS, FILE YOTES DEPARTURE.
- NOTE: AIRCRAFT FILING OVER ABQ, CIM, FTI AND GCK, FILE LALUZ DEPARTURE.
- NOTE: AIRCRAFT FILING OVER ACH, LBL, ONM, CNX, PNH, MMB, TCC, IRW AND TXO, FILE FTHLS DEPARTURE.
- 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)



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LALUZ	SIX	LALUZ6.LALUZ	FIVE	11/10/2016	24MAY2018

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)
PHOENIX-MESA GATEWAY- CHART: TOP ALTITUDE: ASSIGNED BY ATC.
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.
CHART: MEA/MOCA FROM FORPE TO LALUZ, FL180/10000.

AIRPORTS SERVED:

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



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LALUZ	SIX	LALUZ6.LALUZ	FIVE	11/10/2016	24MAY2018

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 MEA OF FL180 AND ABOVE PUBLISHED PER ATC REQUEST.

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

Digitally signed by

APPROVED BY: **ROBERT G HAMILTON**

JULIE MORGAN

Mar 26, 2018

OFFICE SYMBOL:

AJV-5420

DATE:

REQUIRED EFFECTIVE DATE:

ROUTINE

COORDINATED WITH:

<u>A4A</u>	<u>ALPA</u>	<u>AOPA</u>	<u>APA</u>	<u>HAI</u>	<u>NBAA</u>
<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 DEP CON, KPHX ATCT, WFPT

CHANGES - REASONS:

1. REMOVED ALL REFERENCES TO KPHX FROM SID - REPLACED BY FORPE 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>			
LALUZ		SIX	LALUZ6.LALUZ	FIVE	11/10/2016	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>
FORPE	334114.24N/1111606.35W	Y	-	IF	-	-			
LALUZ	340328.89N/1101301.33W	Y	FB	TF	066.79	57.03			
LALUZ	340328.89N/1101301.33W	Y	-	IF	-	-			LALUZ6.ABQ
SJN VORTAC	342526.55N/1090836.71W	Y	FB	TF	067.38	57.72			
ABQ VORTAC	350237.66N/1064858.72W	Y	FB	TF	071.46	120.92			
LALUZ	340328.89N/1101301.33W	Y	-	IF	-	-			LALUZ6.MAXXO
SJN VORTAC	342526.55N/1090836.71W	Y	FB	TF	067.38	57.72			
JSSUA	342303.42N/1080043.42W	Y	FB	TF	092.11	56.22			
MAXXO	342338.32N/1064147.78W	Y	FB	TF	089.12	65.32			
LALUZ	340328.89N/1101301.33W	Y	-	IF	-	-			LALUZ6.SJN
SJN VORTAC	342526.55N/1090836.71W	Y	FB	TF	067.38	57.72			

