

**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SUPERSEDED NUMBER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>ACTUAL EFFECTIVE DATE</u>
IZZZO	EIGHT	IZZZO8.IZZZO	SEVEN	05/24/2018	<b>25 JAN 24</b>

<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 (KCHD):  
 TAKEOFF RWY 4L: CLIMB ON TRACK 037.62 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 4R: CLIMB ON TRACK 037.63 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 22L: CLIMB ON TRACK 217.64 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 22R: CLIMB ON TRACK 217.63 OR AS ASSIGNED BY ATC, THENCE...  
 ...FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.  
 PHOENIX DEER VALLEY (KDVT):  
 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...  
 ...FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.  
 GLENDALE MUNI (KGEU):  
 TAKEOFF RWY 1: CLIMB ON HEADING 013.71 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 19: CLIMB ON HEADING 200.00 OR AS ASSIGNED BY ATC, THENCE...  
 ...FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.  
 PHOENIX GOODYEAR (KGYR):  
 TAKEOFF RWY 3: CLIMB ON HEADING 028.09 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 21: CLIMB ON HEADING 228.00 OR AS ASSIGNED BY ATC, THENCE...  
 ...FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.  
 PHOENIX-MESA GATEWAY (KIWA):  
 TAKEOFF RWY 12L: CLIMB ON HEADING 123.57 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 12C: CLIMB ON HEADING 123.57 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 12R: CLIMB ON HEADING 123.56 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 30L: CLIMB ON HEADING 303.57 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 30C: CLIMB ON HEADING 303.58 OR AS ASSIGNED BY ATC, THENCE...  
 TAKEOFF RWY 30R: CLIMB ON HEADING 303.58 OR AS ASSIGNED BY ATC, THENCE...  
 ...FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE.  
 SCOTTSDALE (KSDL):  
 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...  
 ...FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZZO, 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>
BLYTHE	IZZZO8.BLH	IZZZO	SALOM	TRACK 262.28	54.77	FL180		
		SALOM	BLH VORTAC	TRACK 264.48	44.00	FL180		
HRRBR	IZZZO8.HRRBR	IZZZO	CULTS	TRACK 270.64	36.53	16500	5700	
		CULTS	HRRBR	TRACK 270.61	18.17	FL180		



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IZZZO	EIGHT	IZZZO8.IZZZO	SEVEN	03/26/2018	<b>25 JAN 24</b>
WLVRN	IZZZO8.WLVRN	IZZZO	WLVRN	TRACK 280.75	54.39 FL180

**PBN REQUIREMENT NOTES:**

RNAV 1 - GPS.

**EQUIPMENT REQUIREMENT NOTES:**

RADAR REQUIRED.

**PROCEDURAL DATA NOTES:**

NOTE: TURBOJETS AND TURBOPROPS ONLY.

NOTE: AIRCRAFT REQUESTING FL220 AND BELOW MUST FILE BLYTHE TRANSITION.

NOTE: TURBOJETS LANDING LAX, FILE WLVRN TRANSITION.

NOTE: AIRCRAFT LANDING OTHER THAN LAX AND TURBOPROPS LANDING AT LAX: REQUESTING FL240 AND ABOVE, FILE HRRBR TRANSITION.

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 (KCHD):

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

PHOENIX DEER VALLEY (KDVT):

RWY 7L/R: NA – OBSTACLES.

RWY 25L/R: STANDARD WITH MINIMUM CLIMB OF 370 FT/NM TO 4600.

GLENDALE MUNI (KGEU):

RWY 19: STANDARD.

RWY 1: STANDARD WITH MINIMUM CLIMB OF 285FT/NM TO 5700.

PHOENIX GOODYEAR (KGYR):

RWY 3, 21: STANDARD.

PHOENIX-MESA GATEWAY (KIWA):

RWY 30L/C/R: STANDARD.

RWY 12L/C/R: STANDARD WITH A MINIMUM CLIMB OF 250 FT/NM TO 3100.

SCOTTSDALE (KSDL):

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:**

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).

GLENDALE MUNI:

RWY 1: 4679 FT MSL AAO 331625.51N/1121650.25W (CG) (CTA).

PHOENIX-MESA GATEWAY:

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

SCOTTSDALE:

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

RWY 21: 4515 FT MSL TERRAIN+AAO 335248.00N/1115330.00W (CG)(CTA).



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IZZZO	EIGHT	IZZZO8.IZZZO	SEVEN	03/26/2018	<b>25 JAN 24</b>

**MSA:**

KCHD: MSA FROM KCHD, 6200.

KDVT: MSA FROM KDVT, 7800.

KGEU: MSA FROM KGEU, 5800.

KGYR: MSA FROM KGYR, 5700.

KIWA: MSA FROM KIWA, 8900.

KSDL: MSA FROM KSDL, 8800.

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**

AIRPORT MV: IWA (P) 13E/1980, CHD 12E/2000, GYR 10E/2020, SDL 12E/1990, DVT 12E/2000, GEU 12E/1995.

ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC.

DME/DME ASSESSMENT: SAT (RNP 2.0)

CHART: MEA/MOCA FROM KEENS TO IZZZO, 9200/5900.

**AIRPORTS SERVED:**

<u>AIRPORT ID</u>	<u>CITY</u>	<u>STATE</u>
KIWA	PHOENIX	AZ
KCHD	CHANDLER	AZ
KGYR	GOODYEAR	AZ
KSDL	SCOTTSDALE	AZ
KDVT	PHOENIX	AZ
KGEU	GLENDALE	AZ

**COMMUNICATIONS:**

CHANDLER MUNI: CHART: ATIS, GND CON, CHD ATCT.

PHOENIX DEER VALLEY: CHART: ATIS, CLNC DEL, GND CON, DVT ATCT.

GLENDALE MUNI: CHART: ATIS, GND CON, GEU ATCT.

PHOENIX GOODYEAR: CHART: ATIS, GND CON, GYR ATCT.

PHOENIX-MESA GATEWAY: CHART: ATIS, CLNC DEL, GND CON, IWA ATCT.

SCOTTSDALE: CHART: ATIS, CLNC DEL, GND CON, SDL ATCT.

**FIXES AND/OR NAVAIDS:**

**REMARKS:**

ABBREVIATED AMENDMENT.

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.

KDVT: ATC WILL ASSIGN HEADING 320 OR AS ASSIGNED IN ACCORDANCE WITH DVA DATED 6/30/2014.

KSDL: ATC WILL ASSIGN HEADING 335 OR AS ASSIGNED IN ACCORDANCE WITH DVA DATED 11/13/2014. CONTROLLING OBSTACLE FOR RWY 21 FROM DVA EVALUATION BUILT USING "STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 4600" AND USING THE PUBLISHED HEADINGS FROM DVA.

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



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ALIGNMENT IS NOT WITHIN THE USABLE DVA RANGE FOR VECTORING AIRCRAFT.

KGEU TAKE OFF MINIMUMS AND CONTROLLING OBSTACLES FOR RWY 1 IAW WITH PUBLISHED DVA DATED 15 JUNE 2023. ATC MUST ASSIGN HEADINGS FOR RWY 1 IAW THE PUBLISHED DVA HEADINGS.

<u>FLIGHT INSPECTED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
PROCESSED IAW TECHNICAL SUPPORT GROUP (AJF-17) MEMO DATED 07/07/2021, SUBJECT: GUIDANCE FOR PROCEDURAL CHANGES REQUIRING FLIGHT INSPECTION VALIDATION.		<b>JOHN BORDY</b> Nov 20, 2023			
<u>DEVELOPED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	
JOHN BORDY (BRITNEY ARMENTROUT)		<b>JOHN BORDY</b> Nov 20, 2023	AJV-A422	8/10/2023	
<u>APPROVED BY</u>	<u>SIGNATURE</u>	<i>Digitally signed by</i>	<u>OFFICE</u>	<u>DATE</u>	<u>TITLE</u>
JOHN BORDY		<b>JOHN BORDY</b>	AJV-A33	11/20/2023	MANAGER
<u>REQUIRED EFFECTIVE DATE</u>	Nov 20, 2023				
ROUTINE					

**COORDINATED WITH:**

**A4A**  **ALPA**  **AOPA**  **APA**  **HAI**  **NBAA**  **OTHER:**ZAB, PHOENIX APP CON, KPHX ATCT, WFPT

**CHANGES - REASONS:**

1. CHANGED MESSI FIX NAME TO WLVRN - FPT REQUEST.
2. DP ROUTE DESCRIPTION: ALL AIRPORT INSTRUCTIONS CHANGED FROM "EXPECT RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE" TO " FOR RADAR VECTORS TO KEENS, THEN ON TRACK 258.95 TO IZZO, THEN ON (TRANSITION). MAINTAIN ATC ASSIGNED ALTITUDE, EXPECT FILED ALTITUDE 3 MINUTES AFTER DEPARTURE" - IAW 8260.46J.
3. PBN REQUIREMENT NOTES: ADDED "RNAV 1 - GPS" - IAW 8260.46J.
4. PROCEDURAL DATA NOTES: REMOVED "NOTE: RNAV 1" AND " NOTE: GPS REQUIRED" - MOVED TO PBN REQUIREMENT NOTES SECTION IAW 8260.46J.
5. MOVED "NOTE: RADAR REQUIRED" FROM PROCEDURAL DATA NOTES TO EQUIPMENT NOTES AS "RADAR REQUIRED"- PER 8260.46J PARA 2-1-1F(3).
6. PROCEDURAL DATA NOTES: CHANGED "NOTE: TURBOJETS LANDING LAX, FILE MESSI TRANSITION" TO READ "NOTE: TURBOJETS LANDING LAX, FILE WLVRN TRANSITION" - FIX NAME CHANGE FROM MESSI TO WLVRN.
7. MSA: ADDED KCHD: MSA FROM KCHD, 6200, KDVT: MSA FROM KDVT, 7800, KGEU: MSA FROM KGEU, 5800, KGYR: MSA FROM KGYR, 5700, KIWA: MSA FROM KIWA, 8900, KSDL: MSA FROM KSDL, 8800. - IAW 8260.46J.
8. ADDITIONAL FLIGHT DATA: CHANGED MAGVAR FROM "REFERENCE MAG VAR: KSDL 12E EPOCH YR: 1990" TO "AIRPORT MV: IWA (P) 13E/1980, CHD 12E/2000, GYR 10E/2020, SDL 12E/1990, DVT 12E/2000, GEU 12E/1995 - IAW MEMO 283 DATED 15 JULY 2022.
9. ADDITIONAL FLIGHT DATA: COMBINED ALL AIRPORTS TOP ALTITUDES TO "ALL AIRPORTS - CHART: TOP ALTITUDE: ASSIGNED BY ATC - IAW 8260.46J.
10. COMMUNICATIONS: REMOVED "PHOENIX DEP CON" AND "LUKE DEP CON" - IAW 8260.46J.
11. KSDL ADDED CONTROLLING OBSTACLE FOR RWY 21 4515 FT MSL IAW DVA EVALUATION BUILT USING "STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 4600" AND USING THE PUBLISHED HEADINGS FROM DVA. REMARK ADDED "ATC WILL ASSIGN HEADING 335 OR AS ASSIGNED IN ACCORDANCE WITH DVA DATED 11/13/2014. CONTROLLING OBSTACLE FOR RWY 21 FROM DVA EVALUATION BUILT USING "STANDARD WITH MINIMUM CLIMB OF 300 FT/NM TO 4600" AND USING THE PUBLISHED HEADINGS FROM DVA" - PER 8260.46J.
12. KGUE ADDED TAKE OFF MINIMUMS "STANDARD WITH MINIMUM CLIMB OF 285FT/NM TO 5700 " AND CONTROLLING OBSTACLES FOR RWY 1 4679 AAO IAW WITH PUBLISHED DVA. REMARK ADDED THAT ATC MUST ASSIGN HEADINGS FOR RWY 1 IAW THE PUBLISHED DVA HEADINGS" - IAW 8260.46J APPENDIX E SECTION 1-2.J(1).



**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>ACTUAL EFFECTIVE DATE</u>			
IZZZO		EIGHT	IZZZO8.IZZZO	SEVEN	03/26/2018	<b>25 JAN 24</b>			
<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>ALTIITUDE</u>	<u>SPEED</u>	<u>REMARKS</u>
KEENS	332700.50N/1123603.13W	Y	-	IF	-	-			
IZZZO	332709.93N/1124800.15W	Y	FB	TF	270.95	10.00			
IZZZO	332709.93N/1124800.15W	Y	-	IF	-	-			IZZZO8.BLH
SALOM	333058.25N/1135319.93W	Y	FB	TF	274.28	54.77			
BLH VORTAC	333545.83N/1144540.58W	Y	FB	TF	276.48	44.00			
IZZZO	332709.93N/1124800.15W	Y	-	IF	-	-			IZZZO8.HRRBR
CULTS	333503.16N/1133040.17W	Y	FB	TF	282.64	36.53			
HRRBR	333859.76N/1135154.73W	Y	FB	TF	282.61	18.17			
IZZZO	332709.93N/1124800.15W	Y	-	IF	-	-			IZZZO8.WLVRN
WLVRN	334759.38N/1134811.37W	Y	FB	TF	292.75	54.39			

