

**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.

DP NAME		NUMBER	DP COMPUTER CODE	SUPERSEDED NUMBER	DATED	ACTUAL EFFECTIVE DATE
DEER VALLEY		TWO	DVT2.PXR	ONE	10/27/2005	23 FEBRUARY 2023
TYPE:	OBSTACLE	COPTER	SID	SPECIAL	RNAV	
	<input checked="" type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>	

**DP ROUTE DESCRIPTION:**

TAKEOFF RWY 7L/R: CLIMB ON HEADING 074.01 TO 2200, THEN CLIMBING LEFT TURN ON PXR VORTAC R-336 NORTHWEST BOUND TO 4000, THENCE...

TAKEOFF RWY 25L/25R: CLIMBING RIGHT TURN ON HEADING 060.00 AND PXR VORTAC R-336 NORTHWEST BOUND TO 4000, THENCE...

...LEFT TURN DIRECT PXR VORTAC.

**VISUAL CLIMB OVER AIRPORT:**

**TRANSITION ROUTES (GRAPHIC DEPICTION ONLY):**

TRANSITION NAME	TRANSITION COMPUTER CODE	FROM FIX/NAVAID	TO FIX/NAVAID	COURSE	DISTANCE	MEA	MOCA	CROSSING ALTITUDE/FIXES
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**PROCEDURAL DATA NOTES:**

**PBN REQUIREMENTS NOTES:**

**EQUIPMENT REQUIREMENT NOTES:**

**TAKEOFF MINIMUMS:**

RWY 7L: STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 2200.

RWY 7R: STANDARD WITH MINIMUM CLIMB OF 675 FT PER NM TO 1800.

RWY 25L: STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 2600.

RWY 25R: STANDARD WITH MINIMUM CLIMB OF 285 FT PER NM TO 2600.

**TAKEOFF OBSTACLES NOTES:**

NOTE: RWY 07L, GENERAL UTILITY, VERTICAL POINT BEGINNING 30 FT FROM DER, 120 FT RIGHT OF CENTERLINE, UP TO 3 FT AGL/1479 FT MSL. VERTICAL POINT 33 FT FROM DER, 125 FT LEFT OF CENTERLINE, 2 FT AGL/1479 FT MSL. SIGN 89 FT FROM DER, 160 FT LEFT OF CENTERLINE, 3 FT AGL/1480 FT MSL. POLE, NAVAID BEGINNING 340 FT FROM DER, 315 FT RIGHT OF CENTERLINE, UP TO 13 FT AGL/1488 FT MSL. TREE 665 FT FROM DER, 537 FT LEFT OF CENTERLINE, 1498 FT MSL. TREES BEGINNING 746 FT FROM DER, 499 FT LEFT OF CENTERLINE, UP TO 1499 FT MSL. TREE 913 FT FROM DER, 338 FT LEFT OF CENTERLINE, 1502 FT MSL. TREE 3574 FT FROM DER, 381 FT LEFT OF CENTERLINE, 13 FT AGL/1569 FT MSL. TERRAIN 3610 FT FROM DER, 165 FT LEFT OF CENTERLINE, 1579 FT MSL. TERRAIN, TREE BEGINNING 3611 FT FROM DER, 253 FT LEFT OF CENTERLINE, UP TO 1587 FT MSL. VEGETATION 3686 FT FROM DER, 38 FT RIGHT OF CENTERLINE, 3 FT AGL/1570 FT MSL. TREES BEGINNING 3693 FT FROM DER, 380 FT LEFT OF CENTERLINE, UP TO 10 FT AGL/1602 FT MSL. TERRAIN, TREE, VEGETATION BEGINNING 3713 FT FROM DER, 9 FT LEFT OF CENTERLINE, UP TO 1624 FT MSL. TREES BEGINNING 3824 FT FROM DER, 0 FT RIGHT OF CENTERLINE, UP TO 1596 FT MSL.

NOTE: RWY 07R, LIGHTING 42 FT FROM DER, 484 FT LEFT OF CENTERLINE, 1 FT AGL/1482 FT MSL. VEGETATION 146 FT FROM DER, 515 FT LEFT OF CENTERLINE, 1483 FT MSL. TREE 393 FT FROM DER, 602 FT LEFT OF CENTERLINE, 1488 FT MSL. TREE, POLE BEGINNING 513 FT FROM DER, 499 FT RIGHT OF CENTERLINE, UP TO 1498 FT MSL. TREE 557 FT FROM DER, 266 FT LEFT OF CENTERLINE, 1494 FT MSL. POLE 848 FT FROM



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DER, 503 FT RIGHT OF CENTERLINE, 24 FT AGL/1507 FT MSL. BUILDING 930 FT FROM DER, 712 FT RIGHT OF CENTERLINE, 1510 FT MSL. TERRAIN 990 FT FROM DER, 359 FT RIGHT OF CENTERLINE, 1514 FT MSL. VERTICAL STRUCTURE 1027 FT FROM DER, 602 FT LEFT OF CENTERLINE, 1518 FT MSL. POLE 1028 FT FROM DER, 601 FT LEFT OF CENTERLINE, 39 FT AGL/1526 FT MSL. POLE, VEGETATION, TREE BEGINNING 1031 FT FROM DER, 384 FT RIGHT OF CENTERLINE, UP TO 28 FT AGL/1536 FT MSL. POLE 1137 FT FROM DER, 548 FT LEFT OF CENTERLINE, 43 FT AGL/1530 FT MSL. POLE, TREE BEGINNING 1149 FT FROM DER, 707 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/1536 FT MSL. TREES BEGINNING 1845 FT FROM DER, 878 FT RIGHT OF CENTERLINE, UP TO 1558 FT MSL. TREES BEGINNING 1935 FT FROM DER, 762 FT LEFT OF CENTERLINE, UP TO 14 FT AGL/1542 FT MSL. TREES BEGINNING 1950 FT FROM DER, 924 FT RIGHT OF CENTERLINE, UP TO 1578 FT MSL. TREE, VEGETATION BEGINNING 1953 FT FROM DER, 660 FT LEFT OF CENTERLINE, UP TO 12 FT AGL/1554 FT MSL. TERRAIN 2041 FT FROM DER, 865 FT LEFT OF CENTERLINE, 1579 FT MSL. TERRAIN, VEGETATION, TREE BEGINNING 2043 FT FROM DER, 422 FT LEFT OF CENTERLINE, UP TO 1587 FT MSL. TERRAIN, TREE, VEGETATION BEGINNING 2145 FT FROM DER, 504 FT LEFT OF CENTERLINE, UP TO 1624 FT MSL.

NOTE: RWY 25L, TREE, FENCE BEGINNING 19 FT FROM DER, 498 FT RIGHT OF CENTERLINE, UP TO 1455 FT MSL. TREE 37 FT FROM DER, 505 FT LEFT OF CENTERLINE, 1461 FT MSL. TREE, BUILDING BEGINNING 195 FT FROM DER, 505 FT LEFT OF CENTERLINE, UP TO 31 FT AGL/1465 FT MSL. TREE, BUILDING BEGINNING 304 FT FROM DER, 506 FT RIGHT OF CENTERLINE, UP TO 1469 FT MSL. TREE 421 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 1470 FT MSL. TREE, BUILDING, ANTENNA, POLE BEGINNING 542 FT FROM DER, 502 FT RIGHT OF CENTERLINE, UP TO 39 FT AGL/1475 FT MSL. TREE, BUILDING, POLE BEGINNING 630 FT FROM DER, 505 FT LEFT OF CENTERLINE, UP TO 1467 FT MSL. POLE 1070 FT FROM DER, 375 FT LEFT OF CENTERLINE, 1468 FT MSL. POLES BEGINNING 1077 FT FROM DER, 374 FT LEFT OF CENTERLINE, UP TO 39 FT AGL/1470 FT MSL. POLE 1126 FT FROM DER, 498 FT RIGHT OF CENTERLINE, 44 FT AGL/1478 FT MSL. POLES BEGINNING 1183 FT FROM DER, 495 FT LEFT OF CENTERLINE, UP TO 41 FT AGL/1471 FT MSL. SIGNS BEGINNING 1234 FT FROM DER, 356 FT LEFT OF CENTERLINE, UP TO 48 FT AGL/1478 FT MSL.

NOTE: RWY 25R, LIGHTING 30 FT FROM DER, 114 FT LEFT OF CENTERLINE, 3 FT AGL/1456 FT MSL. LIGHTING, GENERAL UTILITY BEGINNING 30 FT FROM DER, 112 FT RIGHT OF CENTERLINE, UP TO 2 FT AGL/1456 FT MSL. GENERAL UTILITY 31 FT FROM DER, 112 FT LEFT OF CENTERLINE, 4 FT AGL/1457 FT MSL. TREE 1139 FT FROM DER, 798 FT RIGHT OF CENTERLINE, 1490 FT MSL.

**CONTROLLING OBSTACLES:**  
RWY 7L: 1956 FT MSL POLE 334152.00N/1120237.32W  
RWY 7R: 1660 FT MSL POLE 334127.86N/1120344.92W  
RWY 25L: 2275 FT MSL VEGETATION 334355.66N/1120425.70W  
RWY 25R: 1769 FT MSL ANTENNA 334143.05N/1120708.62W (CLIMB GRADIENT), 2400 FT MSL AAO 334505.09N/1120513.67W (CLIMB-TO ALTITUDE)

OBSTACLES MANDATING ODP ROUTE DEVELOPMENT: RWY 7L/7R: 1952 FT MSL ANTENNA 334158.08N/1120320.38W, RWY 25L/R: 4880 FT MSL AAO 335526.69N/1115844.58W

**MSA:**

**LOST COMMUNICATIONS PROCEDURES:**

**ADDITIONAL FLIGHT DATA:**  
CHART A-231

**AIRPORTS SERVED:**

AIRPORT ID	CITY	STATE
KDVT	PHOENIX	AZ

**COMMUNICATIONS:**

**FIXES AND/OR NAVAIDS:**  
PXR VORTAC

**REMARKS:**  
ROUTING REQUIREMENT VERIFIED WITH ATC (SUPPORTS TRAFFIC FLOW WITH SURROUNDING AIRPORTS).  
APPROVAL LETTER SUBMITTED TO AFS FOR RWY 7R CLIMB GRADIENT OF 675.



<u>DP NAME</u> DEER VALLEY	<u>NUMBER</u> TWO	<u>DP COMPUTER CODE</u> DVT2.PXR	<u>SUPERSEDED NUMBER</u> ONE	<u>DATED</u> 10/27/2005	<u>ACTUAL EFFECTIVE DATE</u> 23 FEBRUARY 2023
<u>FLIGHT INSPECTED BY</u> JAMES M MEEK <i>Digitally signed by</i> <b>ERIC N SUSKI</b> Oct 28, 2022			<u>OFFICE</u> FICO	<u>DATE</u> 7/14/2022	
<u>DEVELOPED BY</u> KELLY DEAN <i>Digitally signed by</i> <b>KELLY D DEAN</b> Sep 06, 2022			<u>OFFICE</u> AJV-A431	<u>DATE</u> 04/06/2022	
<u>APPROVED BY</u> CASIMIR TABAKA			<u>OFFICE</u> AJV-A430	<u>DATE</u>	<u>TITLE</u> MANAGER
<u>REQUIRED EFFECTIVE DATE</u> ROUTINE					<i>Digitally signed by</i> <b>ERIC N SUSKI</b> Oct 28, 2022
<u>COORDINATED WITH:</u>					

**A4A** ☐ **ALPA** ☐ **AOPA** ☒ **APA** ☐ **HAI** ☐ **NBAA** ☒ **OTHER:** PHX TRACON, DVT ATCT, ARPT MGR

**CHANGES - REASONS:**

1. CHANGED DP NAME FROM DEERVALLEY TO DEER VALLEY - VERIFIED WITH ATC TO CORRECT COMMUNICATION ERROR ON PREVIOUS AMENDMENT.
2. REMOVED VCOA - APT AND ATC REQUEST TO OPT OUT OF VCOA IAW FAA ORDER 8260-46H PARA 2-1-1B13 DUE TO TRAFFIC CONFLICTION WITH KPHX. PER FAA ORDER 8260.3E PARA 13-4-5B, A NEW REQUIREMENT FOR A FIX EXISTS WHICH WOULD REQUIRE AN EXCESSIVE ALTITUDE DUE TO NAVAID RECEPTION RESULTING IN AN EXTREEM CLIMB THAT WOULD CONFLICT WITH ARRIVING/DEPARTING AIRCRAFT AT KPHX AND OTHER SURROUNDING AIRPORTS.
3. UPDATED TAKEOFF NOTES - NEW OBSTACLE TARGETS EVAL.
4. RWY 7L/7R DP ROUTE DESCRIPTION CHANGED FROM "CLIMBING LEFT TURN VIA PXR VORTAC R-336 NORTH WESTBOUND TO 4000, THENCE... OR, CLIMB IN VIUSAL CONDITIONS TO CROSS PHOENIX DEER VALLEY AIRPORT AT OR ABOVE 2800, THEN PXR VORTAC R-336 NORTH WESTBOUND TO 4000, THENCE..." TO "CLIMB ON HEADING 074.01 TO 2200, THEN CLIMBING LEFT TURN ON PXR VORTAC R-336 NORTHWEST BOUND TO 4000, THENCE..." - OBSTACLE EVAL IDENTIFIES A 1952 ANTENNA REQUIRING A CLIMB TO 2200 BEFORE TURNING NORTHWEST BOUND; "VIA" IS NO LONGER ACCEPTABLE VERBIAGE.
5. RWY 25L/R DP ROUTE DESCRIPTION CHANGED FROM "CLIMBING RIGHT TURN VIA HEADING 060 AND PXR R-336 NORTH WESTBOUND TO 4000, THENCE... OR, CLIMB IN VISUAL CONDITIONS TO CROSS PHOENIX DEER VALLEY AIRPORT AT OR ABOVE 2800, THEN VIA PXR VORTAC R-336 NORTH WESTBOUND, TO 4000, THENCE..." TO "CLIMBING RIGHT TURN ON HEADING 060.00 AND PXR VORTAC R-336 NORTHWEST BOUND TO 4000, THENCE..." - "VIA" IS NO LONGER ACCEPTABLE VERBIAGE.
6. DP ROUTE DESCRIPTION THENCE STATEMENT CHANGED FROM "...CLIMBING LEFT TURN DIRECT PXR VORTAC" TO "...LEFT TURN DIRECT PXR VORTAC" - ADDITIONAL CLIMB AFTER REACHING 4000 NOT REQUIRED.
7. NORTH WESTBOUND CHANGED TO NORTHWEST BOUND - DIRECTIONAL VERBIAGE COMBINED INTO ONE WORD.
8. RWY 7L TAKEOFF MINS CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 565 FEET PER NM TO 2800, OR 1000-3 WITH MINIMUM CLIMB OF 370 FEET PER NM TO 2800, OR 1500-3 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD WITH MINIMUM CLIMB OF 400 FT PER NM TO 2200" - TARGETS OBSTACLE EVAL, PREVIOUS CLIMB IN EXCESS OF 500 FT PER NM NOT APPROVED BY AFS.
9. RWY 7R TAKEOFF MINS CHANGED FROM "500-1 1/4 WITH A MINIMUM CLIMB OF 4808 FEET PER NM TO 2800, OR 1500-3 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD WITH MINIMUM CLIMB OF 675 FT PER NM TO 1800" - TARGETS OBSTACLE EVAL IDENTIFIES ICA OBSTACLE REQUIRING A CEILING/VISIBILITY AND ANOTHER ICA OBSTACLE REQUIRING A CLIMB GRADIENT INCREASE TO 675.
10. RWY 25L TAKEOFF MINS CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 451 FEET PER NM TO 2800, OR 1500-3 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD WITH MINIMUM CLIMB OF 265 FT PER NM TO 2600" - TARGETS OBSTACLE EVAL.
11. RWY 25R TAKEOFF MINS CHANGED FROM "STANDARD WITH MINIMUM CLIMB OF 487 FEET PER NM TO 2800, OR 1500-3 FOR CLIMB IN VISUAL CONDITIONS" TO "STANDARD WITH MINIMUM CLIMB OF 285 FT PER NM TO 2600 - OBSTACLE EVAL.
12. UPDATED CONTROLLING OBSTACLES: REPLACED EXISTING LISTED 43 CONTROLLING OBSTACLES WITH CONTROLLERS DRIVING CEILING OR VISIBILITY AND/OR CLIMB GRADIENT OR CLIMB TO ALTITUDE - TARGETS OBSTACLE EVAL, SIMPLIFY OBSTACLE CONTROLLERS, CRITERIA NOW REQUIRES OBSTACLE IDENTIFICATION BY FUNCTION.

9/6/2022 THIS IS AN UPDATED COPY OF THE FORM DEVELOPED ON 4/6/2022

REMOVED ALL REFERENCE TO VCOA FROM DEPARTURE, TAKEOFF MINS, CONTROLLING OBSTACLES, AND CHANGES-REASONS.

CORRECTED CHANGE-REASON NUMBERS 8 AND 9 TO REFLECT NEW MINIMUMS FOR RWY 7L AND RWY 7R.

