

U.S. DEPARTMENT OF TRANSPORTATION - FEDERAL AVIATION ADMINISTRATION

DIVERSE VECTOR AREA (DVA)

Bearings, headings, courses, tracks, and radials are magnetic. Elevations and altitudes are in feet, MSL. Distances are in nautical miles.

City, State	Airport	Effective Date	Amdt. No.
PHOENIX, AZ	PHOENIX-MESA GATEWAY	20 AUG 2015	1

CHART - DIVERSE VECTOR AREA (Radar Vectors)

RWY 12L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 250 FT. PER NM TO 3100.
RWY 12C: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 250 FT. PER NM TO 3100.
RWY 12R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 250 FT. PER NM TO 3100.
RWY 30L: HEADING AS ASSIGNED BY ATC.
RWY 30C: HEADING AS ASSIGNED BY ATC.
RWY 30R: HEADING AS ASSIGNED BY ATC.

FOR ATC USE ONLY:

RWY 12L: AUTHORIZED HEADINGS 070 CLOCKWISE TO 157 WITHIN 12 NM OF 331849.19N/1113924.23W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331849.19N/1113924.23W TO 332016.29N/1112511.24W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.19N/1113924.23W TO 330658.75N/1113655.37W, TO 331849.19N/1113924.23W.

RWY 12C: AUTHORIZED HEADINGS 070 CLOCKWISE TO 157 WITHIN 12 NM OF 331849.28N/1113940.82W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331849.28N/1113940.82W TO 332016.38N/1112527.82W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.28N/1113940.82W TO 330658.84N/1113711.96W, TO 331849.28N/1113940.82W.

RWY 12R: AUTHORIZED HEADINGS 070 CLOCKWISE TO 157 WITHIN 12 NM OF 331849.48N/1114005.82W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331849.48N/1114005.82W TO 332016.58N/1112552.83W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.48N/1114005.82W TO 330659.05N/1113736.96W, TO 331849.48N/1114005.82W.

RWY 30L: AUTHORIZED HEADINGS 215 CLOCKWISE TO 335 WITHIN 12 NM OF 331804.27N/1113913.03W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331804.27N/1113913.03W TO 331001.12N/1114950.45W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 332949.82N/1114212.04W, TO 331804.27N/1113913.03W, AND AUTHORIZED RIGHT TURN HEADING 120 WITHIN 12 NM OF 331804.27N/1113913.03W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331804.27N/1113913.03W TO 332003.42N/1114234.22W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 332300.17N/1113859.39W TO 332604.71N/1113533.95W, TO 331743.40N/1112454.38W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 330951.86N/1112845.74W, TO 331804.27N/1113913.03W.

RWY 30C: AUTHORIZED HEADINGS 215 CLOCKWISE TO 335 WITHIN 12 NM OF 331805.47N/1113849.68W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331805.47N/1113849.68W TO 331002.32N/1114927.10W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 332951.02N/1114148.69W, TO 331805.47N/1113849.68W, AND AUTHORIZED RIGHT TURN HEADING 120 WITHIN 12 NM OF 331805.47N/1113849.68W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331805.47N/1113849.68W TO 332003.24N/1114209.20W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 332259.96N/1113834.33W TO 332604.53N/1113508.93W, TO 331744.53N/1112431.03W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 330953.06N/1112822.39W, TO 331805.47N/1113849.68W.

RWY 30R: AUTHORIZED HEADINGS 215 CLOCKWISE TO 335 WITHIN 12 NM OF 331811.74N/1113840.52W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331811.74N/1113840.52W TO 331008.59N/1114917.95W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 332957.29N/1114139.53W, TO 331811.74N/1113840.52W, AND AUTHORIZED RIGHT TURN HEADING 120 WITHIN 12 NM OF 331811.74N/1113840.52W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 331811.74N/1113840.52W TO 332003.15N/1114152.61W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 332259.87N/1113817.74W TO 332604.41N/1113452.30W, TO 331750.28N/1112421.87W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 330959.33N/1112813.22W, TO 331811.74N/1113840.52W.

OBSTACLE EVALUATION AREA (not for video mapping use):

RWY 12L: FROM 331849.19N/1113924.23W TO 332416.02N/1112637.92W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.19N/1113924.23W TO 332311.33N/1112603.47W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 332016.29N/1112511.24W TO 332053.42N/1112140.31W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331849.19N/1113924.23W TO 330401.13N/1113618.26W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 330658.75N/1113655.37W TO 330649.91N/1114029.55W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.19N/1113924.23W TO 330658.75N/1114153.09W, TO 331849.19N/1113924.23W. CONTROL OBSTACLE: 2649 FT. MSL AAO ON TERRAIN AT 331107.95N/1113745.04W (CG AND CTA).

RWY 12C: FROM 331849.28N/1113940.82W TO 332416.11N/1112654.51W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.28N/1113940.82W TO 332311.42N/1112620.06W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 332016.38N/1112527.82W TO 332037.90N/1112154.50W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331849.28N/1113940.82W TO 330401.22N/1113634.85W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 330658.84N/1113711.96W TO 330650.00N/1114046.14W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.28N/1113940.82W TO 330658.84N/1114209.68W, TO 331849.28N/1113940.82W. CONTROL OBSTACLE: 2649 FT. MSL AAO ON TERRAIN AT 331107.95N/1113745.04W (CG AND CTA).

RWY 12R: FROM 331849.48N/1114005.82W TO 332416.31N/1112719.51W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.48N/1114005.82W TO 332311.62N/1112645.06W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 332016.58N/1112552.83W TO 332038.10N/1112219.50W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331849.48N/1114005.82W TO 330401.42N/1113659.85W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 330659.05N/1113736.96W TO 330650.20N/1114111.14W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331849.48N/1114005.82W TO 330659.05N/1114234.68W, TO 331849.48N/1114005.82W. CONTROL OBSTACLE: 2649 FT. MSL AAO ON TERRAIN AT 331107.95N/1113745.04W (CG AND CTA).



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City, State	Airport	Effective Date	Amdt. No.
PHOENIX, AZ	PHOENIX-MESA GATEWAY	20 AUG 2015	1

RWY 30L: FROM 331804.27N/1113913.03W TO 330727.15N/1114555.51W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 330803.38N/1114707.89W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 331001.12N/1114950.45W TO 330800.19N/1115229.50W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 333246.20N/1114256.91W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 332949.82N/1114212.04W TO 333005.00N/1113837.42W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 332958.59N/1113713.20W, TO 331804.27N/1113913.03W, AND FROM 331804.27N/1113913.03W TO 332003.42N/1114234.22W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 332300.17N/1113859.39W TO 332652.52N/1113701.62W, TO 332259.61N/1112608.92W, TO 332026.93N/1112152.02W, THEN VIA 3.73 NM CLOCKWISE ARC CENTERED ON 331743.40N/1112454.38W TO 331510.30N/1112139.69W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 330748.61N/1112609.23W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 330951.86N/1112845.74W TO 330756.51N/1113130.71W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331804.27N/1113913.03W TO 330721.35N/1113243.82W, TO 331804.27N/1113913.03W.

RWY 30C: FROM 331805.47N/1113849.68W TO 330728.35N/1114532.17W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 330804.58N/1114644.54W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 331002.32N/1114927.10W TO 330801.39N/1115206.15W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 333247.40N/1114233.56W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 332951.02N/1114148.69W TO 333006.20N/1113814.07W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 332959.79N/1113649.85W, TO 331805.47N/1113849.68W, AND FROM 331805.47N/1113849.68W TO 332003.24N/1114209.20W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 332259.96N/1113834.33W TO 332652.33N/1113636.61W, TO 332259.83N/1112545.05W, TO 332028.05N/1112128.68W, THEN VIA 3.73 NM CLOCKWISE ARC CENTERED ON 331744.53N/1112431.03W TO 331511.44N/1112116.36W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 330749.81N/1112545.87W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 330953.06N/1112822.39W TO 330757.71N/1113107.36W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331805.47N/1113849.68W TO 330722.55N/1113220.47W, TO 331805.47N/1113849.68W.

RWY 30R: FROM 331811.74N/1113840.52W TO 330734.62N/1114523.01W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 330810.85N/1114635.39W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 331008.59N/1114917.95W TO 330807.66N/1115157.01W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 333253.67N/1114224.41W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 332957.29N/1114139.53W TO 333012.47N/1113804.91W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 333006.06N/1113640.69W, TO 331811.74N/1113840.52W, AND FROM 331811.74N/1113840.52W TO 332003.15N/1114152.61W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 332259.87N/1113817.74W TO 332652.22N/1113619.97W, TO 332301.53N/1112533.47W, TO 332033.73N/1112119.60W, THEN VIA 3.72 NM CLOCKWISE ARC CENTERED ON 331750.28N/1112421.87W TO 331517.26N/1112107.27W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 330756.08N/1112536.70W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 330959.33N/1112813.22W TO 330803.98N/1113058.19W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 331811.74N/1113840.52W TO 330728.82N/1113211.31W, TO 331811.74N/1113840.52W.

AUTHORIZED FACILITY:

PHOENIX TRACON (P50) PHONE: (602) 306-2518 Facility Manager, (602) 306-2514 Procedure Specialist.

FAA FORM 7210-9 DATE::**CHANGES:**

Jul 08, 2015

1. EXPANDED RWY 12L, 12C AND 12R AZIMUTH FROM "070 CLOCKWISE TO 131" TO "070 CLOCKWISE TO 157."
2. ADDED CLIMB GRADIENT/CLIMB-TO-ALTITUDE OF 250/3100 TO RWY 12L, 12C AND 12R.
3. MINOR CHANGES TO COORDINATES DESCRIBING DVA AND OEA RWY 30L.
4. MINOR CHANGES TO COORDINATES DESCRIBING DVA AND OEA RWY 30C.
5. MINOR CHANGES TO COORDINATES DESCRIBING DVA AND OEA RWY 30R.

REASONS:

1. CORRECT PREVIOUS ERROR, BUFFER OVERLAPPED THE ICA ON ORIG PROCEDURE.
2. NEW CONTROLLING OBSTACLE IDENTIFIED IN "OBSTACLE EVALUATION AREA."
3. DRP PLOTTED AT 331804.27N/1113913.03W VICE 331804.28N/1113913.03W AND IMPROVED PROCESS USED TO PLOT BUFFER.
4. DRP PLOTTED AT 331805.47N/1113849.68W VICE 331805.46N/1113849.68 AND IMPROVED PROCESS USED TO PLOT BUFFER.
5. DRP PLOTTED AT 331811.74N/1113840.52W VICE 331811.75N/1113840.52W AND IMPROVED PROCESS USED TO PLOT BUFFER

