

**FEDERAL AVIATION ADMINISTRATION
FLIGHT STANDARDS SERVICE
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
TUSCON, AZ	TUSCON INTL	FEB 28 2019	ORIG

CHART - DIVERSE VECTOR AREA (Radar Vectors):

RWY 03: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 228 FT PER NM TO 3000.
 RWY 11L: HEADING AS ASSIGNED BY ATC.
 RWY 11R: HEADING AS ASSIGNED BY ATC.
 RWY 21: HEADING AS ASSIGNED BY ATC.
 RWY 29L: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 300 FT PER NM TO 4500.
 RWY 29R: HEADING AS ASSIGNED BY ATC; REQUIRES MINIMUM CLIMB OF 300 FT PER NM TO 4400.

FOR ATC USE ONLY:

RWY03: AUTHORIZED HEADINGS 314 CLOCKWISE TO 210 WITHIN 9 NM OF 320715.77N/1105716.09W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 320715.77N/1105716.09W TO 321444.24N/1110312.14W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 320715.77N/1105716.09W TO 320033.44N/1110421.04W, TO 320715.77N/1105716.09W.

RWY11L: AUTHORIZED HEADINGS 080 CLOCKWISE TO 270 WITHIN 12 NM OF 320710.14N/1105636.06W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 320710.14N/1105636.06W TO 320644.17N/1104228.85W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320710.14N/1105636.06W TO 320939.39N/1111025.70W, TO 320710.14N/1105636.06W.

RWY11R: AUTHORIZED HEADINGS 080 CLOCKWISE TO 270 WITHIN 12 NM OF 320705.58N/1105642.32W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 320705.58N/1105642.32W TO 320614.46N/1104236.73W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320705.58N/1105642.32W TO 320934.83N/1111031.95W, TO 320705.58N/1105642.32W.

RWY21: AUTHORIZED HEADINGS 081 CLOCKWISE TO 210 WITHIN 13 NM OF 320736.76N/1105651.40W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 320736.76N/1105651.40W TO 320654.93N/1104134.26W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 320736.76N/1105651.40W TO 315827.76N/1110744.67W, TO 320553.35N/1105954.23W, THEN VIA 4.2 NM CLOCKWISE ARC CENTERED ON 320304.43N/1105613.78W TO 320603.11N/1105943.36W, TO 320705.30N/1105736.65W, TO 320701.80N/1105732.54W, TO 320736.76N/1105651.40W.

RWY29L: AUTHORIZED HEADINGS 213 CLOCKWISE TO 033 WITHIN 11 NM OF 320634.71N/1105606.08W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 320634.71N/1105606.08W TO 315846.71N/1110514.77W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 320634.71N/1105606.08W TO 321422.03N/1104655.84W, TO 320634.71N/1105606.08W.

RWY29R: AUTHORIZED HEADINGS 213 CLOCKWISE TO 033 WITHIN 11 NM OF 320621.15N/1105538.56W (DEPARTURE REFERENCE POINT) INCLUDES ALL AREA WITHIN 320621.15N/1105538.56W TO 315833.15N/1110447.23W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 320621.15N/1105538.56W TO 321408.48N/1104628.34W, TO 320621.15N/1105538.56W.

OBSTACLE EVALUATION AREA (not for video mapping use):

RWY03: FROM 320715.77N/1105716.09W TO 321233.55N/1110551.01W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 320715.77N/1105716.09W TO 321239.72N/1110545.66W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 321444.24N/1110312.14W TO 321713.67N/1110511.04W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320715.77N/1105716.09W TO 315819.24N/1110642.47W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 320033.44N/1110421.04W TO 320254.64N/1110632.79W, THEN VIA 9 NM CLOCKWISE ARC CENTERED ON 320715.77N/1105716.09W TO 320301.38N/1110637.09W, TO 320715.77N/1105716.09W. CONTROLLING OBSTACLE: 2831 FT MSL TOWER (04-000135) 320907.00N/1105533.00W, (CG AND CGTA)

RWY11L: FROM 320710.14N/1105636.06W TO 321052.38N/1104309.22W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320710.14N/1105636.06W TO 320943.84N/1104247.54W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 320644.17N/1104228.85W TO 320637.43N/1103857.07W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 320710.14N/1105636.06W TO 321016.47N/1111353.23W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 320939.39N/1111025.70W TO 321229.87N/1110916.43W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320710.14N/1105636.06W TO 321331.90N/1110835.86W, TO 320710.14N/1105636.06W.

RWY11R: FROM 320705.58N/1105642.32W TO 321023.72N/1104306.89W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320705.58N/1105642.32W TO 320914.58N/1104248.03W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 320614.46N/1104236.73W TO 320601.44N/1103905.38W, THEN VIA 15 NM CLOCKWISE ARC CENTERED ON 320705.58N/1105642.32W TO 321011.91N/1111359.47W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 320934.83N/1111031.95W TO 321225.31N/1110922.67W, THEN VIA 12 NM CLOCKWISE ARC CENTERED ON 320705.58N/1105642.32W TO 321327.34N/1110842.11W, TO 320705.58N/1105642.32W.

RWY21: FROM 320736.76N/1105651.40W TO 321124.43N/1104212.42W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 320736.76N/1105651.40W TO 320954.97N/1104147.17W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 320654.93N/1104134.26W TO 320645.01N/1103802.65W, THEN VIA 16 NM CLOCKWISE ARC CENTERED ON 320736.76N/1105651.40W TO 315620.93N/1111015.12W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 315827.76N/1110744.67W TO 320049.80N/1110955.12W, THEN VIA 13 NM CLOCKWISE ARC CENTERED ON 320736.76N/1105651.40W TO 320117.08N/1111013.82W, TO 320603.11N/1105943.36W, TO 320705.30N/1105736.65W, TO 320701.80N/1105732.54W, TO 320736.76N/1105651.40W.



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TUSCON, AZ	TUSCON INTL	FEB 28 2019	ORIG

RWY29L: FROM 320634.71N/1105606.08W TO 315635.17N/1110133.89W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 320634.71N/1105606.08W TO 315657.92N/1110225.99W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 315846.71N/1110514.77W TO 315638.96N/1110744.14W, THEN VIA 14 NM CLOCKWISE ARC CENTERED ON 320634.71N/1105606.08W TO 321629.37N/1104425.50W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 321422.03N/1104655.84W TO 321158.12N/1104447.93W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 320634.71N/1105606.08W TO 321113.67N/1104421.23W, TO 320634.71N/1105606.08W. CONTROLLING OBSTACLE: 4060 FT MSL AAO 321102.45N/1110337.59W, (CG AND CGTA).

RWY29R: FROM 320621.15N/1105538.56W TO 315621.62N/1110106.35W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 320621.15N/1105538.56W TO 315644.36N/1110158.46W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 315833.15N/1110447.23W TO 315625.40N/1110716.59W, THEN VIA 14 NM CLOCKWISE ARC CENTERED ON 320621.15N/1105538.56W TO 321615.82N/1104358.01W, THEN VIA 3 NM CLOCKWISE ARC CENTERED ON 321408.48N/1104628.34W TO 321144.56N/1104420.44W, THEN VIA 11 NM CLOCKWISE ARC CENTERED ON 320621.15N/1105538.56W TO 321100.12N/1104353.74W, TO 320621.15N/1105538.56W. CONTROLLING OBSTACLE: 4060 FT MSL AAO 321102.45N/1110337.59W, (CG AND CGTA).

AUTHORIZED FACILITY:

TUSCON APPROACH CONTROL
FACILITY MANAGER: (520) 829-6079
SUPPORT MANAGER: (520) 829-6072

FAA FORM 7210-9 DATE:

DEVELOPED BY:
LEO J. PALMER

Digitally signed by
LEO PALMER
Dec 13, 2018

OFFICE SYMBOL:
AJV-5421

DATE:
10/23/2018

APPROVED BY:
JULIE MORGAN

OFFICE SYMBOL:
AJV5420

DATE:

CHANGES - REASONS:

ORIGINAL PROCEDURE- FPT/ATC REQUESTED