

UPDATE: APRIL 2009
PIMA COUNTY AIRPORT ENVIRONS OVERLAY ZONE (AEZ)
GIS LAYERS

Link to Zoning Code (Chapter 18.57 Airport Environs and Facilities):

http://municipalcodes.lexisnexis.com/codes/pima/ DATA/TITLE18/Chapter_18_57_AIRPORT_ENVIRONS.html

Responsible party

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Sources

Pima County GIS
U.S. Department of Defense
Arizona Department of Commerce
Tucson Airport Authority

Primary spatial reference: <PAREGION>

BACKGROUND

The GIS updates described below replace or update AEZ map layers to conform to a recent zoning code amendment. The purpose of the amendment was to implement land-use recommendations of the *Arizona Regional Military Compatibility Project - Davis Monthan Air Force Base / Tucson / Pima County Joint Land Use Study* as they apply to high-noise areas and approach-departure corridors of Davis-Monthan AFB.

Link to Arizona Regional Military Compatibility Project (Arizona Department of Commerce):

<http://www.azcommerce.com/Military/Compat/>

This study was accepted by Tucson City Council and the Pima County Board of Supervisors. Implementation for unincorporated Pima County included a Major Comprehensive Plan Amendment (Co7-04-03) approved on November 16, 2004 (Resolution 2005-40), and a zoning code amendment (Co8-05-01) approved on December 16, 2008 (Ordinance 2008-118).

The Airport Land Use Overlay Zone was amended for Davis-Monthan Air Force Base only. Names of zones were changed, geographic extents of regulated areas were increased, and development standards were significantly changed.

The Airport Height Overlay Zone was not amended for any of the four regulated airports at this time.

GIS MAP LAYER CHANGES

1. <AEZ_LU> Pima County Airport Land Use Overlay Zone

This map layer supersedes <AIR_LU> and <AIR_NZ> for showing land use and noise elements in the adopted AEZ for unincorporated Pima County. Land use polygon and noise contour layers are combined in one layer to better reflect the structure of the Zoning Code.

<AEZ_LU> DATA FIELDS

AIRPORT

Name of airport. In unincorporated Pima County, areas near Davis-Monthan Air Force Base, Tucson International Airport, Ryan Airfield, and the southern approach to Pinal Airpark (which is in Pinal County) are regulated.

LU_ZONE1 / LU_NAME1

This is the land-use designation portion of the airport environs overlay zone.

Options for the three non-military-designated airports are:

CUZ-1 / Compatible Use Zone 1

CUZ-2 / Compatible Use Zone 2

CUZ-3 / Compatible Use Zone 3

CUZ-4 / Compatible Use Zone 4

RSZ / Runway Safety Zone

For Davis-Monthan Air Force Base only:

Landuse Zones

ADC-1 / Approach-Departure Corridor 1

ADC-2 / Approach-Departure Corridor 2

ADC-3 / Approach-Departure Corridor 3

LU_ZONE2 / LU_NAME2

For Davis-Monthan Air Force Base only, there are two additional land use overlay zone designations which apply to designated high-noise areas:

NCZ-A / Noise Control Zone A

NCZ-B / Noise Control Zone B

LDN_AREA

Development standards applicable to exposure to specific noise levels reference modeled noise exposure areas as designated between corresponding Ldn noise contours for Tucson International Airport and Davis-Monthan Air Force Base. Ldn refers to Day-Night Average Sound Level. Ldn values are expressed in decibels and represent the average noise level over a twenty-four hour period for an average day of the year.

For Tucson International Airport, the designated noise ranges are 65-70 and 70-and-greater Ldn.

For Davis-Monthan Air Force Base, the designated noise ranges are 65-70, 70-75, 75-80, and 80-and-greater Ldn.

AEZ_MAP

The AEZ has two Airport Overlay Zone Maps for each of the four regulated airports, Airport Land Use Overlay Zones 1-4 and Airport Height Overlay Zones 1-4. <AEZ_LU> identifies Airport Land Use Overlay Zones 1-4.

LU_ZNALL

This field is the single source for land use overlay zone designations of the AEZ. It combines the LU_ZONE1 and LU_ZONE2 fields.

For all airports except Davis-Monthan Air Force Base, there is one LU_ZNALL designation.

Davis-Monthan Air Force Base has either one or two LU_ZNALL designations per polygon (ADC 1-3 and/or NCZ A-B). If there are two LU_ZNALL designations (separated by a comma), development standards for both are applicable. (Example: NCZ-B, ADC2)

2. <AEZ_HZ> Pima County Airport Height Overlay Zone

This layer (formerly <AIR_HZ>) received minor updates to better reflect the structure of the Zoning Code, but height zone standards were not amended with the 2008 zoning code amendment.

<AEZ_HZ> DATA FIELDS

HEIGHT – Allowable height (in feet) of development expressed as a range between polygon boundaries (i.e. 130-140 feet).

AIRPORT – Airport name

AEZ_MAP – The AEZ has two Overlay Zone Maps for each of the four regulated airports, Airport Land Use Overlay Zones 1-4 and Airport Height Overlay Zones 1-4. <AEZ_HZ> identifies Airport Height Overlay Zones 1-4.

OTHER MAP LAYERS

These map layers are **not considered to be current AEZ Zone layers** although the information may be current. They are archival and disaggregated for reference and rendering purposes only.

<AIR_NZ09> Airport Noise Contours

Current noise contours for Davis-Monthan Air Force Base and Tucson International Airport.

Fields:

LDN_RANGE (polygon)

AIRPORT - Airport name (polygon)

NOISE_CONTOUR (line)

<AIR_LU09> Airport Land Use Polygons

Current land use polygons for approach areas of the four airports regulated by Pima County, absent any noise-contour information.

Fields:

LU_ZONE

Land Use Zones are CUZ-1-4, ADC 1-2.

AIRPORT

Airport name.

<DM_AICUZ>

This layer shows minimum-recommended land use zones as defined by the Department of Defense Air Installation Compatible Use Zone Report (AICUZ, 1992) for approach

areas to the Davis-Monthan Air Force Base runway. These areas are not the same as Pima County AEZ-regulated areas.

Fields:

AICUZ_ZN / AICUZ_NM

CZ / Clear Zone

APZ-1 / Accident Potential Zone 1

APZ-2 / Accident Potential Zone 2