Air_Safety_Zones_CN

Tags

Land Use, Airports, Airport Safety Zones, Air Collisions

Summary:

Airport Safety Zone Characteristic dataset is used to guide land use decisions and future population density designations within the zones. This is done to mitigate the risks to surrounding populations. Different zones have different risk and levels of risk. The full text description can be found for the various airports at the San Diego County Regional Airport Authority.

Feature Type: Polygon

Number of Records: 309

Publication Date: 2022-03-25

Date of Data (Temporal Period Extent): 2022-03-19

Extent: San Diego County

Extent in Longitude Latitude

North 33.455145
West -117.426215 **East** -116.096454
South 32.528144

Extent in the item's coordinate system

North 2109234.601058
West 6202897.392640 **East** 6608499.317310
South 1773945.969136

Description:

Land Use Compatibility Plan adopted by the County of San Diego airport land use commission December 4, 2006. State law (Public Utilities Code Section 21675(a)) and guidance in the California Airport Land Use Planning Handbook require an airport land use compatibility plan for an airport to use long-range airport master plan or, approved layout by the California Division of Aeronautics. The Land Use Compatibility Plan is based on an unapproved plan by the County of San Diego,

Airport Master Plan (August 1994).

The Safety Zones boundaries were proposed by data from the California Airport Land Use Planning Handbook as well as runway configuration and operations.

Safety Zones Aircraft Accident Risk Characteristics. Data was received from San Diego County Airport Authority November 2009 and March 2010. Received CAD files; Agua Caliente, Borrego, Brown Field, Fallbrook Airpark, Gillespie Field, Jacumba, McClellan-Palomar, Miramar, Ocotillo, Ramona. Recieved CAD files in March 2010; Brown Field, Gillespie Field, McClellan-Palomar Airport, Montgomery Field, Oceanside Municipal Airport. The adopted land Use Compatibility Plan (December 2006) Designated the safety zones 1-6, the previous safety zones were A, B1, B2, C, D, E. The airports in the incorporated area do not have zones 1-6, they use named zones; Brown Field - Flight Activity Zone (FAZ), Gillespie - Runway Protection Zone (RPZ), Miramar - Accident Potential Zone (APZ) 1 & 2, Clear Zone (CZ). Runways added to indicate risk zone "0". Some smaller airports in the incorporated areas were not included where the Airport Authority did not create a risk layer for them. For information on these airports, contact the Airport Authority.

Credits:

Koman Diabate of Dudek environmental and natural resources management practice. Geoprocessing completed by Randy Yakos, County of San Diego, Planning and Development Services, LUEG-GIS Service.

Use Limitation:

Topics and Keywords

Topic Categories: Location Planning Cadastral Transportation

Themes:

Land Use, Airports, Airport Safety Zones, Air Collisions, Transportation

Places:

County of San Diego, California

Resource Details:

Status: On Going
Type: Vector
Update Frequency: As Needed
Next Update: Not specified

Spatial Reference System:

Type: Projected
Reference: GCS_North_American_1983
Projection: NAD_1983_StatePlane_California_VI_FIPS_0406_Feet

Identifier: 2230
Codespace: EPSG
Version: 5.3(9.0.0)

Contacts:

Point of Contact

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Distribution Ordering Instructions:

Data can be downloaded in shapefile format from the SanGIS Data Warehouse at https://rdw.sandag.org/Account/Login

Refer to SanGIS website (www.sangis.org) to obtain further information on mapping and data extraction services available from SanGIS.

Fields:

Overview:

Semi-quantitative risk values associated with specific airport zones, throughout the County

Attribute item: OBJECTID_1 is the Internal feature number.
Attribute item: OBJECTID is the former Internal feature number (no longer used)
Attribute item: ZONECODE is the semi-quantitative risk value to the airport zone
Attribute item: Shape is the feature geometery
Attribute item: AIR_CODE is the Airport Code - Three letter code used to identify an airport.
Attribute item: RISK_LEVEL is The relative risk level of hazards occurring, different risks types and levels exist in different zones, not necessarily the only risk as some zones overlap.

Attribute item: DESC_ is the description of the area zone around the airport
Attribute item: AIA is the Air Influence Area
Attribute item: Shape_Length is the internally-generated length in feet
Attribute item: Shape_Area is the internally-generated area in square feet

__ZONECODE (Integer)
The semi-quantitative risk value to the airport zone. The semi-quantitative risk value to the airport zone. No further description available for this data.

FID (OID)
Internal feature number.

Shape (Geometry)
Feature geometry.

AIR_CODE (String)
Airport Code - Three letter code used to identify an airport.

agu, AGUA CALIENTE
bor, BORREGO VALLEY
fal, FALLBROOK COMMUNITY AIRPARK
gil, GILLESPIE FIELD
jac, JACUMBA
mcp, CAMP PENDLETON MCAS (MUNN FIELD)
mmi, MARIMAR MCAS
myf, MONTGOMERY FIELD
ocn, OCEANSIDE MUNI
oco, BORREGO VALLEY
pal, MC CLELLAN-PALOMAR
rmo, RAMONA
san, SAN DIEGO INT
sdm, BROWN FIELD MUNI

RISK_LEVEL (String)
The relative risk level of hazards occurring, different risks types and levels exist in different zones, not necessarily the only risk as some zones overlap. The risk levels are categorized as:
Low
Low to Moderate
Moderate
High
Very High

DESC_ (String)
Description of the area zone around the airport. Not necessarily one zone or risk as some zones overlap

OBJECTID (Integer)
Internal feature number.

AIA (Integer)
Air Influence Area.

1, AIA1
2, AIA2

Shape_Leng (Double)
Shape_Area (Double)

Area of feature in internal units squared.

Metadata Last Update: 2023-01-31
Regional GIS Data Warehouse (RGDW) Publication Stylesheet 1.4