



## Airfield Safety – What are APZs?

Accident Potential Zones (APZs) are areas in the vicinity of airfield runways where an aircraft mishap is most likely to occur, if one were to occur. While the likelihood of a mishap is remote, the Navy recommends that land uses within APZs be minimal or low density to ensure the maximum protection of public health and property.

Land Use Compatibility With APZs		
Land Use	Clear Zone	APZ 1
Single-Family Residential	○	○
Multi-Family Residential (1 or more dwellings per acre)	○	○
Public Rights-of-Way	◐	●
Assembly Areas-Schools, Churches, Auditoriums	○	○
Hospitals	○	○
Office, Retail	○	○
Manufacturing/Industrial	○	◐
Outdoor Parks and Recreation	○	◐
● Compatible   ◐ Conditionally   ○ Incompatible		

APZs are unique to military airfields. In the 1960s and 1970s, the military recognized the need to establish buffers around airfield runways. The military collected accident data from all the military services to determine the areas of the runway where accidents are most likely to occur. These areas are represented by the Clear Zone, APZ 1, and APZ 2.

### APZs for Airfield Runways:

**Clear Zone** – The Clear Zone is a trapezoidal shape, measuring 3,000 feet beyond the end

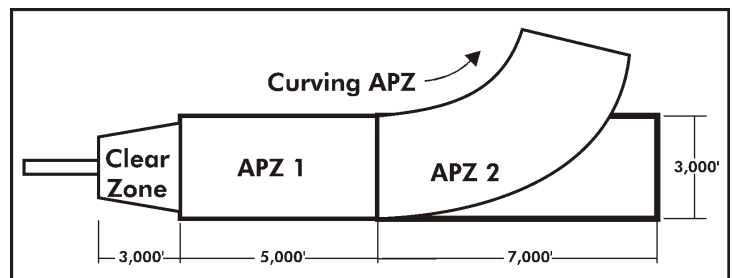
of the runway and begins at 1,500 feet wide, ending at 2,284 feet wide.

**APZ 1** – APZ 1 extends 5,000 feet beyond the Clear Zone and has a width of 3,000 feet. APZ 1 is typically rectangular, although it may curve to conform to the curve of the predominant flight track.

**APZ 2** – APZ 2 extends 7,000 feet beyond APZ 1 and has a width of 3,000 feet. This zone is typically rectangular, although it too may conform to the curve of the predominant flight track.

These AICUZ requirements are derived from OPNAVINST 11010.36B – *Air Installations Compatible Use Zones Program*

### Typical APZs for Airfield Runways



For further information, contact

Insert Contact Info  
Here

