

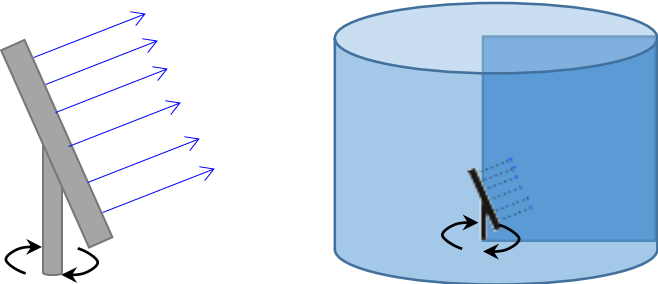
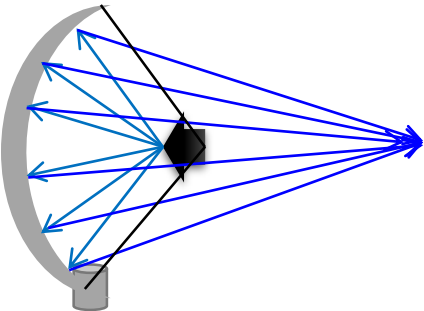
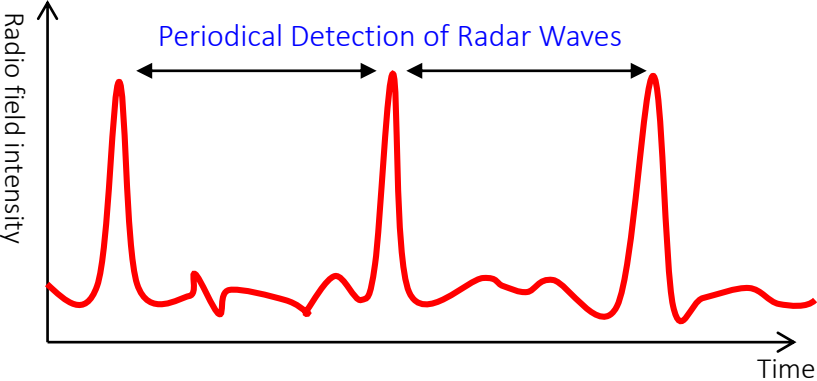
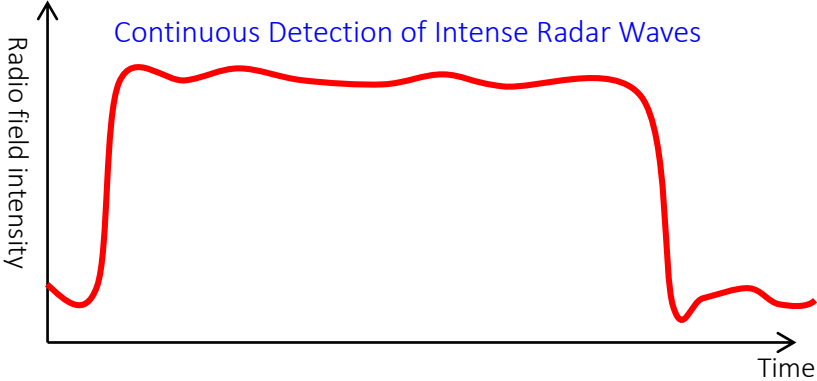


Types of Radars and its Characteristics

December, 2018
Ministry of Defense

Type	Surface Search Radar	Fire-control Radar
Examples of equipment		
Image of system		
Characteristic of detected waves	 <p>Radio field intensity</p> <p>Time</p> <p>Periodical Detection of Radar Waves</p>	 <p>Radio field intensity</p> <p>Time</p> <p>Continuous Detection of Intense Radar Waves</p>

Rules on the distance between vessels and aircraft as stipulated in Aviation Act

Ordinance for Enforcement of the Civil Aeronautics Act of Japan

(Minimum safe flight altitude)

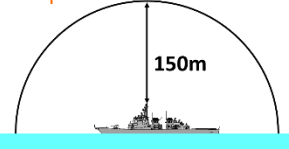
Article 174 The minimum safe flight altitude as stipulated in Article 81 of the Civil Aeronautics Act is as below.

— For aircrafts flying in VFR, an altitude that is the highest when comparing an altitude which allows for landing without causing danger to people or property on ground or on water when only the motor stops midflight, or one of the below

1...

2 When in the air above an area with no person or housing or in open water surface, an altitude that allows for the distance of **150m or more** from the person or property on ground or water

3...



The 2nd Annex, Convention on International Civil Aviation

4.6 Except when necessary for take-off or landing, or except by permission from the appropriate authority, a VFR flight shall not be flown:

- a) over the congested areas of cities, towns or settlements or over an open-air assembly of persons at a height less than 300 m (1 000 ft) above the highest obstacle within a radius of 600 m from the aircraft;
- b) elsewhere than as specified in 4.6 a), at a **height less than 150 m (500 ft) above the ground or water.**

Examples of reckless flights

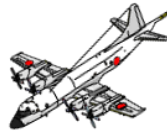
Article 85, Civil Aeronautics Act of Japan

Aircrafts are prohibited from **flying at low altitudes, generating loud noise, diving**, or any other flight patterns that may affect others in the case there is no operational need to do so.

Low altitude flight



Dive to low altitude



Flight generating loud noise

