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DISASTER E-DRONE PREVENT INCREASING OF VICTIM

Rifky Alfian

Disaster is a disadvantage incident that caused by natural factors or human factors. Indonesia is a country which in encounter of three plates are Indo-Australia plate, Eurasia plate, and Pasific plate. This condition potentially causing earthquakes when the plates collide. Other that, Indonesia also have 127 volcanoes and other disasters are tsunami, storm, avalanche, and flood. Almost all provinces in Indonesia potentially undergo disaster. Therefore we make unmanned aircraft for emergency condition (E-drone) to prevent additional casualties when before, during, and after a disaster. E-drone have some features like siren, talkie, night vision, thermal camera, mission tracking, and lidar censor. This drone is also designed to fly along 50 km and absolutely have a safety to prevent accident on this drone. This drone can fly until 20 minutes and only landed in the land.

Keywords : Disaster, E-drone, Victim







