

ABSTRACT

In this time information about terrorist was become trending topic in Indonesia. Terrorist often using explosive to do terrorizing somewhere. The explosion effect from explosive can be damage and another negative impact. In this research that will be developed there is prototype Car Bom Shield. Prototype Car Bomb shield is a tool wich form prototype that can be used to facilitate police or gegana team to secure the impact by an active bomb. The project is a prototype of a car tank and has a robotic arm used to lift a certain load, the prototype of the car also have a system of data communication between the control system and the device. Prototype Car Bomb shield is control and monitoring by android and PC from a safe place, Prototype Car Bomb shield also has a box that made by strong materials and can be used for placing the bomb and can holding the explosion effect from the bomb when the bomb explode so with the making of this tool, some damage from this explosion can't be dangerous for the people and the officer around the scene. On Prototype Car Bomb shield there are some part such as drive system, communication system, controlling system, and arm robot.

Keywords: Prototype Car Bomb shield, arm robot, controlling.