

**THE BLACK BOX AS THE RECORDER OF MOTORCYCLE'S  
BREAKING, SPEED AND TEMPERATURE OF MACHINE  
THROUGH SECURE DIGITAL CARD**

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**ABSTRACT**

*Rental motorcycle company on spot holiday oftentimes have bad tragedy, like missing or accident their motorcycle when it renting to tourist. Until now no one technology which save last history motorcycle and can give the position, make a new problem when the motorcycle still use with other person who rentalling the motorcycle. Oftentimes, process of identification for victim of traffic accident has been done less accurately by polices*

*Therefore, it needs some innovations that can record the last history fom vehicle. The simplest concept is how to make a kind of black box that set in vehicle. This equipment is adoption from the black box of airplane. The black box and transpoder is set by cencor of pressure at breaking part, cencor of speed in order that speed of wheel's rotation when breaking part, cencor of speed in order that speed of wheel's rotation when breaking is ascertainable from the cencor of temperatur at engine-fittings. The way of working this tool is save the data from vehicle like pressure when breaking, speed and temperature of vehicle engine that will be keep automatically in secure digital card. In other word, the black box will be the last history from vehicle automatically and this system be equipped with gps for sending the position of motorcycle soon.*

*This black box will save the cencor data dan position with secure digital card, and give the position via short massage service in one minutes in this system on.*

**Kata Kunci** : Black Box, Transponder, Datalogger, Secure Digital Card



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