ABSTRACT

PT. Garuda Maintenance Facility Aeroasia (PT. GMF AA), which is a subsidiary of PT. Garuda Indonesia is engaged in aircraft repair and maintenance services (MRO Industry) may be able to compete globally. In accordance with the vision and the target PT. GMF AA of "Being a world class MRO customer choice in the year 2012" in order to improve their competitiveness, PT. GMF AA seeks to implement several programs that are expected to increase company productivity. One of the program that has started to be implemented by the company is Jobcard Barcoding System, which aims to record manhours more precisely and accurately. The causes of degeneration aircraft maintenance time (TAT) is utility of manhours are still low. One cause of the low manhours utility or it can be said that labor productivity was low because the implementation in the field, Jobcard Barcoding System has not been fully accepted by the parties relating mainly such as mechanical as the users directly from Jobcard Barcoding System. It can be seen from the existence of violations committed by the mechanics in the procedure Jobcard Barcoding System.

Some of the aircraft maintenance, there was a violation of procedure Jobcard Barcoding System until it reaches 50% of the total number of recording. Violation of the procedure is one
kind of work discipline that can be affect work productivity. Work discipline is also influenced by several other factors that build internal factors ranging from worker to worker external factors.

The relationship between the factors in the model will then be tested using Structural Equation Modelling (SEM) supported by LISREL software v8.30. Then we will know the main factors in the work discipline that are interconnected. From the main factors are expected to know the factors that affect user compliance with regulations or procedures applied by the company.

Keywords: Jobcard Barcoding System; work discipline; Structural Equation Modelling (SEM).