

## **ABSTRACT**

*Airplane is one of the transportation that has various materials and spare parts in its operation. These materials and spare parts must be stored and maintained properly, considering of the needs in the airplane engine's operation. Warehouse as a place to store materials and spare parts has an important role in ariplane's operation. Materials and spare parts need to be managed properly because of the differences in characteristics and specifications. Therefore, warehouse need to be managed with good and systematic management.*

*PT. Garuda Maintenance Facility Aero Asia is an aircraft maintenance organization that has been awarded with the title of the largest aircraft maintenance organization in Indonesia, has facilities to support the aircraft maintenance process. The warehouse owned by PT. Garuda Maintenance Facility Aero Asia is a place to store various work equipment, materials and spare parts needed in aircraft maintenane. Aircraft materials are divided into several parts, one of the is called consumable material or disposable material. This material has an expiration date within a certain period of time according to the instructions set by the material manufacturer. With these difference characteristics, warehouse as a storage place must have specific rules and treatments in storing materials, not just in managing the storage but also on how to use it properly.*

*This research will explain on how important time management is needed by the warehouse in its operational process.*

*Keywords— warehouse, material.aircraft, PT. Garuda Maintenance Facility Aero Asia*