ABSTRACT

PT. Indonesian Aerospace is one of the companies engaged in the aircraft industry. This thesis discusses the development of information systems at ABB Press machine Rubber PT. Indonesian Aerospace contained in metal forming shop. Problems that have not found the presence of a system that can support the production process on a machine part number Rubber Press ABB so that production can not be optimally implemented. Besides, there are still some businesses are manual processes that can lead to waste in terms of time. Therefore we need an information system that is able to minimize waste and maximize production output on the machine Rubber Press ABB.

This research will build an information system that is implemented in the application form using the waterfall method. Systems analysis and design using UML. And will be testing the functionality of the system. The test results indicating that the system is in accordance with the system design and user requirements.

Result of the development of information systems can reduce waste in terms of time and can integrate optimization and scheduling processes within a system and will be able to facilitate the production control. This systems results are very useful in helping to maximize production of the machine Rubber Press ABB.

***Keyword**: Information System, Waste, Rubber Press ABB, integration, optimization, Scheduling, Waterfall*