

## **ABSTRACT**

*Order-release system is a start-up phase in the company's production operations. The order will be executed after the production planning is done. There are some problems during order execution process of aircraft component in MPM Machining Department of Indonesian Aerospace. The problems that arise impact on delay of order. Problem needs to be addressed quickly by the division Production Planning and Production Control. The data used as a reference for the data handling is the order status on the production floor. Production Planning division uses data from order status to determine the available machine time. Availability status of machine is used to design a load plan or production target. While the Production Control using the order status data to measure performance and improve order execution process. Unfortunately this order status data is often inaccurate, since the data collection process was done manually.*

*In this study, we will design an improved monitoring system by changing the collection process becomes automatic. Changes in the method done with the help of RFID technology. In addition, the system also comes with an andon as a media for displaying production information status in real-time.*

**Keywords :** *Order-release, Monitoring, Order Status, Load Plan, RFID, Andon*