

ABSTRACT

Today the manufacturing industries continuous to grow thus triggering the company to always improve the product and performance of production process to make customer satisfaction, especially PT.PINDAD. PT.PINDAD is a manufacturing company engaged in the manufacturing of military and commercial product, which include design and development, engineering, assembling, and fabrication product and then development the military product by applying Just In Time in their production process. At this time PT.PINDAD is experiencing problems in the assembly process of the door system product of Panser Komodo APC 4X4 vehicle, that is not yet able to fulfill the requirement of door system product on time. This problem can occur because the assembly line having line stop. Line stop can be occur because the assembly line can run due to lack of required parts because part sent from sub assembly store do not match what is needed and lateness. This problem is caused by the lack of a control system in the assembly line area. Therefore, to solve the problem of delays on component door system, we need some tools can controls information flow and materials flow in assembly line. One of the tools of Just In Time is that using kanban system as one of system that can control the flow of information and flow of materials in assembly line, so that there will be a smooth assembly line without a line stop.

Keyword : Just In Time, Kanban System, Delays, Line Stop.