ABSTRACT

Unmanned Aerial Vehicles (UAVs) are unmanned aircraft that are used for a variety of needs such as reconnaissance or only controlled observation from a great distance. Then in the field of aircraft science Unmanned Aerial Vehicles (UAVs) can be used for mapping, seed dispersal, disaster monitoring, and vitigation of difficult critical areas. This UAV aircraft has been studied for redesign so that it can conduct monitoring activities at PT. Perkebunan Nusantara VIII Malabar.

The UAV aircraft used to conduct monitoring activities is one type of UAV aircraft developed by the APTRG Laboratory (Telkom Research and Telemetry Payload Group). The aircraft will be redesigned with an unloading system to make it easier to carry the aircraft to the plantation. But the UAV aircraft products have not been stored directly by the user. Through this process, get input from users which is useful for users to make improvements according to the needs and needs of users.

Previous researchers have not determined the stages in the manufacture of unloading aircraft. In this study the researcher will determine and measure the aircraft unloading and usability testing system of UAV aircraft pairing with usability testing method, where the method is an evaluation method that can be applied effectively from the interview results. direct and fill in the questionnaire. So from the results of the analysis it can be seen how many UAV users can be assembled that have high use.

Keywords: Usability Testing, UAV Aircraft, Unloading