
**MANAGEMENT MAINTENANCE APRON AIRPORT
ADISUTJIPTO YOGYAKARTA**

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ABSTRACT

Adisutjipto airport have important role in domestic flight because Yogyakarta as students city and second tourist destination region after Bali. Year by year it always increase in passenger and stuff dispatch, whether arriving or departure. Then it is necessary to evaluate facilities need especially in air part, in this case is facility of plane park ground (apron) because this have correlation with number of plane movement and also the facility maintenance management. That also in regard with flight safety according to Governmental Rule Number 3 Year 2001.

This study use data analysis from JICA (Japan International Corporation Agency) formula (1991) for calculation of apron peak hour capacity.

From this study it is shown that number of passenger for year 2010 amount to 1,768,850 persons whereas for year 2015 amount to 2,008,135 persons. From analysis result it is found that air side facility need as apron area of Adisutjipto Airport for year 2010 and 2015 it is need not additional facility. However, it should be performed good maintenance management then existing facility always in good quality. For air side facility maintenance like apron, it have to be performed maintenance without reduction because this facility need have great influence toward flight safety, and it is different with ground side facility safety that can be reduced but it must not reduce passenger comfort.

Keywords : Airport, peak hour, number of passenger volume.