

# **ANALISIS WAKTU STANDAR *EVENT BEFORE DEPARTURE CHECK, TRANSIT CHECK, DAN DAILY CHECK* PADA UNIT LINE MAINTENANCE (STUDI KASUS PT ABC)**

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## **ABSTRAK**

PT. ABC adalah salah satu perusahaan yang bertugas melakukan *service* atau pelayanan di bidang *Maintenance, Repair, and Overhaul* (MRO). *Transit check, before departure check, dan daily check* merupakan perawatan di unit *line maintenance*. Salah satu parameter keberhasilan pada unit ini adalah waktu perawatan yang tepat. Waktu standar yang ditetapkan PT ABC merupakan asumsi waktu terlama. Untuk mendeteksi performansi secara pasti, maka diperlukan standar waktu pengerjaan berdasarkan pengukuran secara langsung. Sehingga perusahaan dapat mendapatkan waktu standar sesuai pengukuran langsung. Penelitian ini menggunakan *stopwatch time study* yang diawali dengan observasi lapangan untuk mendapatkan waktu aktual, performance rating, dan allowance. Kemudian dihitung waktu standar pengerjaan. Hasil dari penelitian yang dilakukan diperoleh waktu standar *transit check* 61.08 menit, *before departure check* 69.2 menit, *daily check* 70 menit. Nilai ini lebih kecil dibandingkan waktu perkiraan perusahaan dengan selisih *transit check* 13,92 menit, *before departure check* 59,8 menit, *daily check* 50 menit. Dalam penelitian ini dilakukan analisa perbedaan waktu.

**Kata Kunci :** MRO, time study, waktu standar

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**ANALYSIS STANDARD TIME *EVENT BEFORE DEPARTURE CHECK, TRANSIT CHECK, DAN DAILY CHECK* AT LINE MAINTENANCE UNIT (CASE STUDY PT ABC)**

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**ABSTRACT**

*PT. ABC is one of service companies which engaged in areas of Maintenance, Repair, and Overhaul (MRO). Transit check, before departure check, and daily check are the activities on the maintenance line unit. One of the success parameters in this unit is the proper maintenance time. Standard time which established by PT ABC is the longest time assumptions. To detect the performance for sure, then standard of processing time is required by doing direct measurement. Therefore, company can get standard time based on direct measurement. This research uses stopwatch time study method that begins with field observation to get actual time, performance rating and allowance. Afterwards, calculate the standard processing time. The research result has obtained standard time of each maintenance activities such as transit check is 61.08 minutes, before departure check is 69.2 minutes, daily check is 70 minutes. This value smaller than corporate estimated time with difference of transit check 13,92 minutes, before departure check 59,8 minutes, daily check 50 minutes. This research aims to analyze the differences of time.*

**Keywords :** *MRO, time study, standard time*

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