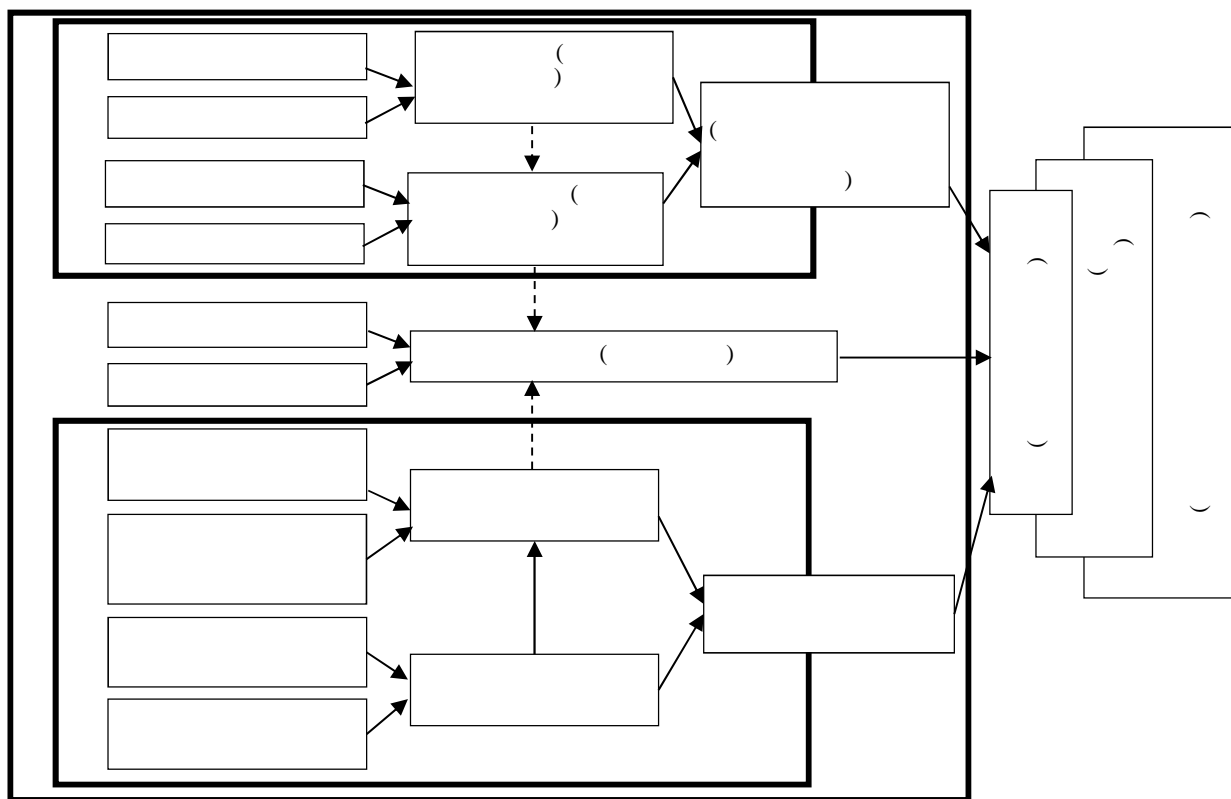


629.7.08

$$\begin{aligned}
& - \frac{f}{M(T_f)} D(T_f), \\
& f: FTf(f) = P\{Tf = f\}; \\
& 2) \quad :
\end{aligned}$$

$$Q_{\Sigma}' = \varphi(A_f, \tau_f, n, N) = \sum_{j=n}^N Q'(A_f, \tau_f) [1 - Q'(A_f, \tau_f)]^{N-j}.$$

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14.04.2014

QUALITY CONTROL SYSTEM AS A COMPONENT OF THE SYSTEM MAINTENANCE OF AIRCRAFT.

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Analyzed and an approach to control the quality of aircraft maintenance as an ergatic system (ES). The components of the ES, relations between parts of the system, conditions that affect the quality of its operation are proposed. There considered ES components, connections between system's components, conditions that influence its functioning qualityThe mathematical relationship between the components of the ES is laid into theory of reliability engineering tools. An important issue is how to share and process the informational flows between the components of the ES. The influence of human factors on the ES economical effectiveness of AC maintenance is considered in the article.

Keywords: quality of operation, ergodic system maintenance, aircraft.