
Improving of the aerodynamic characteristics of the aircraft

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The article gives an overview of open Russian patents and copyright certificates, which were created to improve the aerodynamic characteristics of the aircraft. Patents can be divided into two groups. In the first group the improvement of aerodynamic characteristics is achieved by changing the outer geometry of the head part, and in the second group – by active influence on the parameters of the stream, which is wrapping the aircraft.

Key words: aircraft, aerodynamic characteristics, lift-drag ratio, drag, conical solid, fairing, lifting surface, boundary layer.

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