

PSYCHOLOGIC ASPECTS OF AIR CREW AND CONTROLLERS STAFF TRAINING  
FOR THE WRECKING SITUATIONS CAUSED BY BIRD STRIKES

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The problem of bird strikes prevention is a subject of many investigators' attention. Complex systems on the reduction of danger which are in existence do not guarantee completely the prevention of such collisions. In conditions of such wrecking situations both the crew and the airfield staff do not always successfully cope with their tasks.

It is known from a number of works that the way a person grasps the situation and evaluates his possibilities plays the most important role in the arousing of threat. The extreme situation aroused exposes the adequacy of functional including physical individual possibilities. This conditions the necessity of a special psychological training both of the air crew and the controllers staff for the wrecking situation caused by bird strikes. We consider it necessary that the complex system must be added with a program of psychological training.

This program must include at least four sections. The first section - system of information. The second section - formation of the air crew and the controllers staff stress steadiness.

Our investigations have shown that the stress steadiness undergoes fluctuations depending both on social and psychophysiological factors. In particular psychodisrhythm of decasecond and minute diapason which breaks adaptive abilities of a person occupy an important place among the latter. It is recommended to create special rooms of psychological relief, provided with rithmogiagnosing and correction equipment for stress steadiness enlarging. The third section - psychotraining of aerodrome radar operators with the usage of special trenagers for teaching of timely recognized biosignals. The last section of this program contains fusiness games with mastering of aerodrome staff and air crew joint actions on the elimination of the wrecking situation aroused by bird strikes, psychotraining of the air crew with the aim of its actions coordination.