

The training the flight  
composition, its  
professional



**ASSIGN  
BUSTER**

The current stage in the development of civil aviation is determined by the aggravation of the problem of the human factor, since the problem of training the flight composition, its professional reliability is inextricably linked with the problem of flight safety. Numerous studies have found that 70-90% of aviation events occur due to insufficient training of pilots.

Preparation of the flight depot is a multifaceted learning process, which includes theoretical, simulator, psychological, psycho-physiological, physical and direct flight training. Focusing on the pedagogical impact of all six types of training and determining professional readiness. Break in flight activity has become a threat to flight safety and professional readiness of the pilot. It has been established that 30-day breaks in flights, even in experienced pilots, cause a significant deterioration of flying skills and abilities, especially those associated with landing and its calculations for appliances.

And an increase in these breaks for another 15 days is accompanied by a drop in the efficiency and reliability of flying activity of pilots in 2-2.5 times. Especially dangerous is the fact that such a pattern is observed in cadets in flight schools, where break in flights occur against the background of unformed flying skills. Therefore, one of the ways of training and restoration of professional activity is the use of training, which is relevant in our time.

Aeronautical training is an integral part of training and maintaining pilot training. When creating a simulation flight, in addition to the constructed design, it is still necessary to achieve the maximum real dynamic and informational characteristics of the corresponding onboard systems

and physical factors of flight. An important element of aviation training simulator is a noise that creates surround sound pilots (engine noise, friction chassis asphalt, etc.), which is an important part of the information needed for decision-making by pilots during piloting in normal and emergency situations.

Therefore, the pilot acoustic environment is very important for real simulation. To solve this problem using simulators noise that may create sound and liquid situation so that when training pilots could find out what happens behind the aircraft and of its parts, in order to determine whether everything is as it should.