

### **RADIOTELEPHONY PHRASEOLOGY EFFECT ON FLIGHT DURING INTERNATIONAL FLIGHTS**

There is a potential danger of increasing aviation accidents due to inadequate level of aviation staff training. The threat of more aviation accidents is available due to the lack of sufficient knowledge of radiotelephony phraseology in English by the crew. English is a common language of radio communication during international flights.

Radiotelephony plays an important role in ensuring safety. But so far there are some situations when there is a language barrier in the process of radio communication and it can frequently cause dangerous situations with the threat for people's life. Most aviation accidents at international air routes related to radiotelephony phraseology are caused by the following reasons: the lack of reliable knowledge of standard English vocabulary, insufficient mutual understanding in the process of radio communication of flight crew with the controllers; inadequate explanation of the emergency situation; delayed perception of information in situations that require quick decision, inadequate knowledge level of general English. The problem is the lack of reliability of radio communications skills in English. Therefore, finding ways to improve the efficiency and reliability the professional activity of the crew members during radio communication in English is an urgent problem of pilots training.

The correct pronunciation of words reproduced at a constant speed and keeping rhythm of normal conversation plays an important role in providing satisfactory reception of reproduced information that is the primary goal of this problem. Air traffic controllers and crew members should try to use clear phrases and avoid such obvious mistakes as oscillatory sounds, verbosity, reducing voice, unclear consonance and etc. It ensures maximum efficiency of radio communication and warns against unnecessary reps at limiting in time.

Chapter 12 Document PANS – ATM 4444 gives Standard phraseology radiotelephony, fixed by ICAO whose purpose is to improve reliability of using language in the process of radiotelephony.

Poor knowledge of Standard phraseology – is the problem which concerns almost all countries which are involved into aviation process. American pilots during international flights use U.S. phraseology which has significant differences with ICAO phraseology.

Doing radiotelephony with deviations from established rules and the typical standard phraseology can be allowed only in individual cases when there is the need to ensure safety.

Therefore it is necessary that all aviation specialists use common radio phraseology – ICAO phraseology or the other one adopted by the countries on legislation. This will increase the level of safety associated with linguistic features of aviation specialists of different states during radiotelephony.

*Scientific supervisor – N. Glushanytsia, lecturer*

---