

Safety of any flight means reliable and timely transportation of passengers and cargo. Flight safety depends on different aspects such as:

- the **airworthiness** of the aircraft (an incorrect maintained or designed aircraft can be fatal);
- the controller's and the pilot's **competence and abilities**;
- the **effective management** and the protective flight operations;
- **unpredictable weather** or dangerous weather phenomena.

Security of flight means:

- ✓ **measures and methods** of observation
- ✓ **special equipment** to prevent any unlawful interference.

To achieve high level of flight security we need:

- **trained security services** and effective management;
- **reliable security equipment** (good technologies to detect explosives and weapon, careful screening of passengers and their luggage, thermal imaging);
- **personal identification** (passport control, fingerprints, face print and iris pattern).

Flight security is a combination of **measures** and **human resources** which can guarantee civil aviation safety against the acts of unlawful interference.