

AIR TRAFFIC MANAGEMENT

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**THE INTEGRATION OF UNMANNED AIRCRAFT IN INFRASTRUCTURE
OF AIR NAVIGATION SYSTEM OF UKRAINE**

International cooperation and coordination on regulation of unmanned aerial vehicles (UAV) is one of the strategic directions of the use of unmanned aircraft. In various parts of the numerous organizations involved in developing the regulatory framework of this innovative industry.

The main stages of implementation UAV in Ukraine infrastructure:

Normative base – all normative base of ICAO about UAS.

Requirements to UAV – all necessary requirements about UAV, it certification, registration, maintenance etc.

Safety management

Policy of introduction – all that include introduction UAS in Ukrainian airspace: radar coverage, operating principles of UAS, problems of UAS (such as avoiding of collision), qualification of ATCO.

UAS operating principles:

- Problems of UAS;
- Radar surveillance;
- Civil operator qualification;
- Civil operations – operations with UAV by civil users;
- Approval to operate – approval to operate in airspace;
- Certification – all management and technical documents about UAV;
- Registration – registration of states, signs of recognitions;
- ATM procedures;
- Emergency ATM procedures;
- Incident/Accident ATM procedures;
- Aerodrome procedures;
- Military operations – all military operations, that can be done with the help of UAVs, also it classification and procedures;
- Certification, registration, maintenance;
- ATM Procedures.

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