

COORDINATION CENTER FOR ORNITHOLOGICAL SAFETY OF AERODROMES: THE MAIN PURPOSES AND TASKS

Sergei Zolotarev Dr. Eng. & Olga Silaeva Dr.

Severtsov-Institute of Ecology and Evolution Russian Academy of Sciences

Leninsky prospect 33, 119071 Moscow, Russia

Tel: +7-095-952-35-84, Fax: +7-095-954-55-34

E-mail: birdstrike@mtu-net.ru

Abstract

More than 20 years experience of Lab of Birds' Ecology & Behavior Control in the frame of the Severtsov-Institute Russian Academy of Sciences in the field of aerodromes' and agricultural objects' protection from birds has resulted in the idea of creation of Coordination Center. The main purpose of the Center is the affiliation of efforts of the leading specialists of scientific ornithological centers and enterprises of Civil Aviation for creation of unified scientific, informational, technical and financial basis of eco-ornithological safety of aerodromes.

Tasks of Coordination Center:

- Creation of an informational center for collecting, analysis and distribution of the data on Wildlife safety of aerodromes;
- Creation the web-site on Wildlife safety;
- Creation of an expert council and the computer database on birds remains identification after bird-aircraft collision;
- Eco-ornithological examinations of aerodromes, airports and adjacent territories, compiling of eco-ornithological certificate of these objects;
- Assistance in organization of ornithological safeguarding service of aerodromes;
- Assistance in providing aerodromes with means of eco-ornithological safety;
- Elaboration of new ecologically secure control methods and devices for ornithological protection of aerodromes;
- Organization and holding of conferences on ornithological safety of aerodromes;
- Issuing of reference books and booklets for ornithological safeguarding;
- Training of personnel and raising the level of specialists' skill in the field of aircraft ornithology.

Key words: eco-ornithological safety of aerodrome