

COLISIONS OF MILITARY AIRCRAFT WITH BIRDS IN THE AIRFIELD AIRSPACE IN POLAND

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Abstract

The paper has been intended to give statistical analysis of collisions of military aircraft with birds in the airspace of airfields and neighbouring areas throughout the territory of Poland. The charts represent distributions of the number of bird strikes depending on geographical locations i.e. localities where airfields are placed throughout the country), flight altitude, individual months throughout the year, weather conditions, time of the day, type of aircraft, individual assemblies of aircraft. What is more, rates of bird strikes for each 1000 flying-time hours have also been determined and airfields of the highest bird-strike risk — indicated. Some suggestions have been put forward on precautions and preventives to reduce probability of bird strikes. Conclusions have been drawn from both the statistical analysis and suggestions on precautions/preventives.

Key words: statistics, aircraft, birds, collisions, collision distributions, precautions/preventives