

ANALYSIS OF BIRDSTRIKES WITH MILITARY AIRPLANES IN SLOVAK AIR FORCES IN 1993

MV Dr MURÁR Boris
Department of Ecology
Military Veterinary Institute
Kukučínova 2
Košice
Slovakia

ABSTRACT

Statistic data in Slovak Air Force (SKAF) are not large. During that year there were 19 birdstrikes and in one case there was a strike with mammal - rodent - on runway after landing. Total number of flight hours was 16,806. Number of take-offs and landings was 31,268. From remains there were identified four bird species - song thrush (*Turdus philomela*), swallow (*Hirundo rustica*), stork (*Ciconia ciconia*) and dove (*Streptopelia* sp).

There was no loss of aircraft owing to birdstrike but in three cases there was severe damage to aircraft engine (two Mig-29 and one Su-25).

Analysis of birdstrikes with military airplanes in Slovak Air Forces in 1993.

Author : MVDr.MURÁR Boris, Department of Ecology
Military Veterinary Institute, Kukučínova 2, Košice, Slovakia

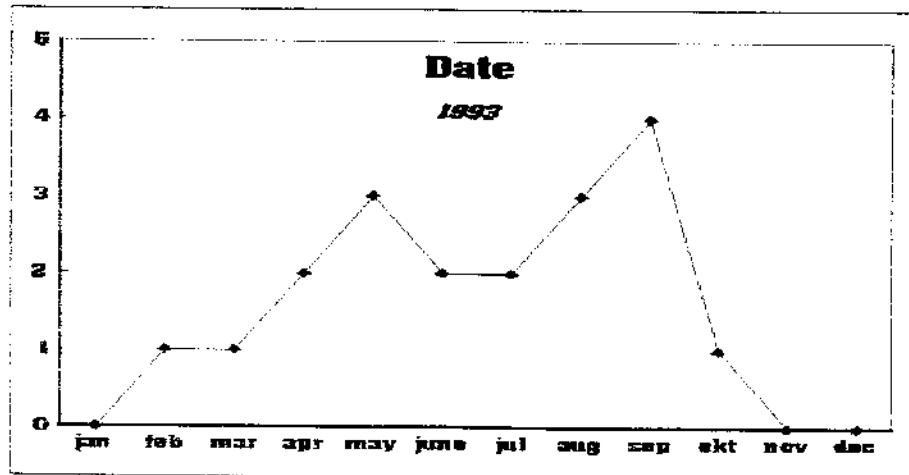
Statistic data in Slovak Air Force (SKAF) are not large. During that year there were 19 birdstrikes and in one case there was a strike with mammal - rodent - on runway after landing. Total number of flight hours was 16 806. Number of take offs and landings was 31 268. From remains there were identified four bird species - song thrush (*Turdus philomela*), swallow (*Hirundo rustica*), stork (*Ciconia ciconia*) and dove (*Streptopelia sp.*).

There was no loss of aircraft owing to birdstrike but in three cases there was a severe damage to aircraft (two Mig-29 and one Su-25). In all other cases there was damage to aircraft on:

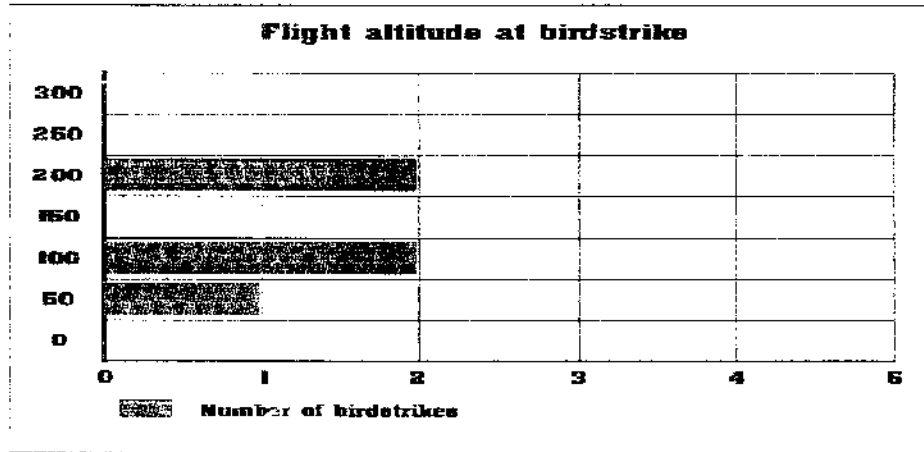
wings	- 5
fuselage	- 1
air intake	- 4
powerplant/engine	- 2
canopy/windscreen	- 5
empennage	- 1
landing gear	- 2

In 35 % there were birdstrikes with some damage to aircraft.
All other data we state in following graphs

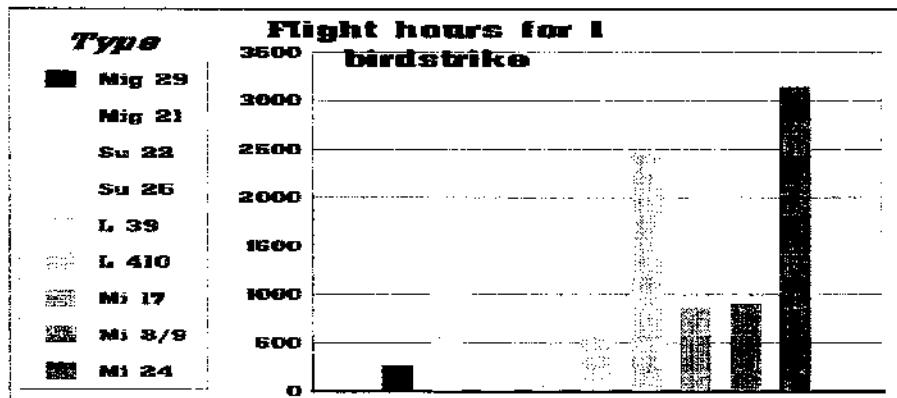
Graph No.1:



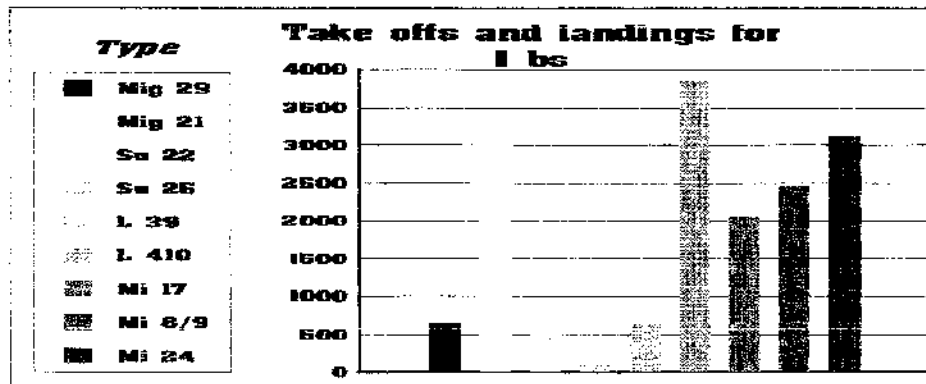
Graph No. 2



Graph No.3:



Graph No. 4:



BIRD STR

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The Paper
years 1992

The data sa
transport ac
helicopters.

The Author