

Fight against bird strikes continues

BRIOT, J L

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French experiments, from 1983-1986, in clearing runways of birds to avoid their collisions with aircraft are summarized. The experiments were carried out at two airports with a large variety of bird species and over 400 aircraft arrivals/departures per day. The methods examined included: falcons, loudspeaker broadcasts of bird distress calls, firing of pyrotechnic rockets and firing lead shot at various species. Continuous release, retrieval and re-release of radio-banded falcons lowered the collision rates by 60 pct for species hunted by falcons and 30 pct overall. A combination of the other three techniques lowered collision rates by 75 pct. The use of falcons was no more effective than other methods, while a combination of the other three, by dedicated personnel, can be highly cost-effective, provided human inhabitants in nearby dwellings can tolerate the extensive use of noise-generating equipment. (M.S.K.)

Descriptors: Aircraft accidents; Firing; Aircraft; Aircraft rockets; Pyrotechnics; Equipment costs; Runways; Rockets; Retrieval; Airports; Broadcasting; Collision avoidance; BIRD-AIRCRAFT COLLISIONS; FLIGHT SAFETY; LOUDSPEAKERS; NOISE GENERATORS; AIRCRAFT HAZARDS; CIVIL AVIATION; FRANCE