

## FRENCH EXHIBITION ON BIRDSTRIKE HAZARDS

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### ABSTRACT

During two weeks, in June 1994, an exhibition was organised in the Air France Communication Showroom in order to inform aircrew about birdstrike hazards. This exhibition was supported by a twelve minute loop mounted videotape which presented some examples of accidents due to birdstrikes, birdstrike reports and their analysis, environment management, bird scaring methods, research in progress, bird-proof engines...

The following information was displayed through seven panels:

- French organisations involved in bird hazards, statistical data,
- examples of damage on different parts of aircraft and listing of world-wide civil aviation crashes due to birds,
- most common bird species found on airfields,
- bird certification tests and regulations, on board frightening equipment,
- environment management and scaring devices,
- crew information.

Two fan blades damaged by heavy birds on two different engines were presented. One fan blade from an old generation engine and one from a recent one. For this purpose, a French engineer of SNECMA was attending the exhibition.

During the two weeks, about 400 aircrew visited the exhibition and asked a lot of questions on the subject and the situation of the foreign airfields.

The purpose of this exhibition was mainly to convey three messages:

- avoiding abort take-off at high speed (>100 kt), after birdstrikes,
- call control tower for bird patrol intervention if birds are detected on the runway and sides,
- do not forget to fill in a form after a birdstrike, even if no damage.

At the same time, a colour-printed paper was distributed, which presented the same items.