

2.7. REPORT ABOUT THE BIRD STRIKE SITUATION IN LUFTHANSA 1970

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# Report about the Bird Strike Situation in Lufthansa 1970

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## Summary

The Deutsche Lufthansa had in 1970 232 birdstrikes. The absolute maximum was during the autumn-migration (August-October). 81,6% of the strikes took place on the airport or during approach and departure of the aircraft. Only 18,4% of the birdstrikes took place during the flight above 2000 ft. This means that in civil aviation the biggest problem has to be solved on or near the airport. In Germany we had 67 birdstrikes in 1970. The highest strikerate had Hamburg with 20, Düsseldorf had 11 and Cologne 10. In the other European countries (= 35 strikes) the highest amount of strikes occur at Zürich (5), Amsterdam (3), Copenhagen (3) and Istanbul (3). In Asia (= 11 strikes) the maximum was at Bangkok (4). On the American Continent Lufthansa had 6 strikes and in Africa 6 strikes too (all at Dakkar). It is for us also important to find out, which parts of an aircraft were damaged by birds. The strikes reach from light to severe damages on the different parts. The most important strikes are the one on engines. In 1970 Lufthansa had damage on 20 engines, 19 had to be changed. The lowest strikerate on engine damages had the aircrafttype B 727 (1). The reason for this is, that the engines of this type are fixed on the tail. The costs for repair are about US Dollar 400 000.