



SAFETY REGULATION DIVISION
AERONAUTICAL SERVICES
ADVISORY MEMORANDUM

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Guidance Material on Wildlifestrike Reporting

1. Wildlifestrike reporting.

Birds and other wildlife can be a significant hazard to aviation. In order to compile statistics on the hazard and assess the effectiveness of any bird and wildlife control measures any suspected strikes should be reported to the National Bird Hazard Committee. Most commercial aircraft and aerodrome operators have existing procedures to forward this data. Anyone in the aviation community can now report any suspected bird or other wildlife strikes to the National Bird Hazard Committee using the on line form in the Aerodromes section of the [IAA website](#) or returning the form in Appendix 1 of this document to the address, fax number or email shown on the form.

Further guidance material on wildlife hazard studies and analysis is contained in CAP 772, Birdstrike Risk Management for Aerodromes, published by the Civil Aviation Authority of the United Kingdom.

2. LEGISLATION AND PROCEDURE

- 2.1 Under the European Communities (Occurrence Reporting in Civil Aviation) Regulations (S.I No. 285 of 2007) all bird strikes must be reported to the IAA.
- 2.2 The National Bird Hazard Committee (comprising Aerodrome and Airline representatives) meets twice per year. Trends and developments in wildlife hazards will be discussed and any mitigation measures promulgated to industry.
- 2.3 The annual birdstrike statistics for Ireland will be compiled from this information and submitted to the ICAO IBIS database.



Guidance Material on Wildlifestrike Reporting

Appendix 1: Wildlifestrike reporting form

SEND TO: National Bird Hazard Committee
Aeronautical Services Dept.
Irish Aviation Authority
The Times Building
11-12 D'Olier Street
Dublin 2
Fax: +353 1 677 4460
Email: Birdstrikes@iaa.ie

Operator 01/02

Aircraft Make/Model..... 03/04

Engine Make/Model..... 05/06

Aircraft Registration..... 07

Date day.....month..... year 08

Local Time..... 09

Dawn A day B dusk C night D

Aerodrome Name..... 11/12

Runway Used 13

Location if En Route 14

Height AGL ft 15

Speed (IAS) Kt 16

Phase of Flight 17
 Parked A en route E
 Taxi B descent F
 Take-off run C approach G
 Climb D landing roll

Part(s) of Aircraft

Random 18

Windshield 19

Nose (excluding above) 20

Engine no.1 21

2 22

3 23

4 24

Propeller 25

Wing rotor 26

Fuselage 27

Landing gear 28

Tail 29

Lights 30

Other (specify) 31

Effect on Flight

None 32

aborted take-off 33

Precautionary landing 34

engines shut down 35

Other 36

Sky Condition 37

no cloud A

Some Cloud B

overcast C

Precipitation

Fog 38

rain 39

Snow 40

Bird Species 41

Number of Birds

Seen 42 Struck 43

1 A A

2-10 B B

11-100 C C

more D D

Size of Bird 44

Small S

Medium M

Large L

Pilot Warned of Birds

yes y no x

Remarks (describe damage, injuries and other pertinent information) 46/47

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Reported by

(Optional)

THIS INFORMATION IS REQUIRED FOR AVIATION SAFELY



Guidance Material on Wildlifestrike Reporting

**SUPPLEMENTARY BIRD STRIKE REPORTING FORM
OPERATOR COSTS AND ENGINE DAMAGE INFORMATION**

A. BASIC DATA

Operator..... 01/02
 Aircraft Make/Model 03/04
 Engine Make/Model 05/06
 Aircraft Registration..... 07
 Date of strike day..... month year 08
 Aerodrome/Location if known 11/12/14

B. Cost Information

Aircraft time out of service.....hours 52
 Estimated cost of repairs or replacement U.S.S (in thousands)..... 53
 Estimated Other Costs
 (e.g. loss of revenue, fuel, hotels) U.S.S (in thousands)..... 54

C. SPECIAL INFORMATION ON ENGINE DAMAGE STRIKES

Engine position number	1	2	3	4
Reason for failure/shutdown	55	58	57	58
Uncontained failure	<input type="checkbox"/> A	<input type="checkbox"/> A	<input type="checkbox"/> A	<input type="checkbox"/> A
Fire	<input type="checkbox"/> B	<input type="checkbox"/> B	<input type="checkbox"/> B	<input type="checkbox"/> B
Shutdown–vibration	<input type="checkbox"/> C	<input type="checkbox"/> C	<input type="checkbox"/> C	<input type="checkbox"/> C
Shutdown–temperature	<input type="checkbox"/> D	<input type="checkbox"/> D	<input type="checkbox"/> D	<input type="checkbox"/> D
Shutdown–fire warning	<input type="checkbox"/> E	<input type="checkbox"/> E	<input type="checkbox"/> E	<input type="checkbox"/> E
Shutdown–other (specify)	<input type="checkbox"/> Y	<input type="checkbox"/> Y	<input type="checkbox"/> Y	<input type="checkbox"/> Y
.....				
Shutdown-unknown	<input type="checkbox"/> Z	<input type="checkbox"/> Z	<input type="checkbox"/> Z	<input type="checkbox"/> Z
Estimated percentage of thrust loss*	_ 59	_ 60	_ 81	_ 82
Estimated number of birds ingested	_ 63	_ 64	_ 65	_ 56
Bird Species				41

* These may be difficult to determine but even estimates are useful.
 Retain all bird remains including feather fragments at airport of occurrence

Reported by