
ENR 5.6 BIRD ACTIVITIES

1. Bird Concentration on or in the Vicinity of Airports

There has been no significant migratory bird concentrations observed on or in the vicinity of aerodromes. However, stray birds have been encountered by the aircraft now and then:

Bird strike to aircraft, as a potential source of danger, is seen in its most serious form. ATC will take the best known methods to eliminate or reduce bird strike hazards. It is difficult to drive away all the birds at all times. Nevertheless, every reasonable effort will be taken to reduce the bird hazard.

Comprehensive statistical information on bird strikes is indispensable in determining the best ways to deal with the bird problem. Pilots, aircraft engineers or interested parties are therefore requested to report all bird strikes to ATC whether or not they resulted in damage to the aircraft.

To facilitate the reporting of bird strikes, pilots may report them at the earliest opportunity via RTF to Air Traffic Control.

The RTF phraseology should include the following:

- Aircraft Call sign
- The phrase "BIRD STRIKE REPORT"
- Altitude
- Approximate geographical location
- Time of incident
- Number of birds (an estimate)
- Size/Type of birds (if possible)

To obtain a better perspective of the extent of bird hazard, the Authority is also collecting data on "near misses" with birds. A "near miss" is defined as a situation in which a bird/flock of birds is within close proximity to an aircraft to cause alarm to the extent whereby pilots would have to take evasive action had such an action been possible.

Pilots should report all bird strikes and "near misses" to Director General, CAAN or ATS units concerned by completing the Bird Strike Report form.

Copies of the Bird Strike Report forms are available on request from ATS Reporting office, TIA and concerned ATS units of domestic airports.

CIVIL AVIATION AUTHORITY OF NEPAL
Babar Mahal, Kathmandu, Nepal
BIRD STRIKE REPORTING FORM

<p>Operator _____ 01/02</p> <p>Aircraft Make/Model _____ 03/04</p> <p>Engine Make/Model _____ 05/06</p> <p>Aircraft Registration _____ 07</p> <p>Date day ____ month ____ year ____ 08</p> <p>Local Time _____ 09</p> <p>dawn <input type="checkbox"/> A day <input type="checkbox"/> B dusk <input type="checkbox"/> C night <input type="checkbox"/> D 10</p> <p>Aerodrome Name _____ 11/12</p> <p>Runway Used _____ 13</p> <p>Location if En Route _____ 14</p> <p>Height AGL _____ ft 15</p> <p>Speed (IAS) _____ kt 16</p> <p>Phase of Flight 17</p> <p style="margin-left: 40px;">parked <input type="checkbox"/> A en route <input type="checkbox"/> E</p> <p style="margin-left: 80px;">taxi <input type="checkbox"/> B descent <input type="checkbox"/> F</p> <p style="margin-left: 40px;">take-off run <input type="checkbox"/> C approach <input type="checkbox"/> G</p> <p style="margin-left: 80px;">climb <input type="checkbox"/> D landing roll <input type="checkbox"/> H</p> <p>Part(s) of Aircraft</p>	<p>Effect on Flight</p> <p>none <input type="checkbox"/> 32</p> <p>aborted take-off <input type="checkbox"/> 33</p> <p>precautionary landing <input type="checkbox"/> 34</p> <p>engines shut down <input type="checkbox"/> 35</p> <p>other (specify) <input type="checkbox"/> 36</p> <p>Sky Condition 37</p> <p>no cloud <input type="checkbox"/> A</p> <p>some cloud <input type="checkbox"/> B</p> <p>overcast <input type="checkbox"/> C</p> <p>Precipitation</p> <p>fog <input type="checkbox"/> 38</p> <p>rain <input type="checkbox"/> 39</p> <p>snow <input type="checkbox"/> 40</p> <p>Bird Species* _____ 41</p> <p>Number of Birds</p> <table border="0" style="width: 100%;"> <tr> <td style="width: 20%;"></td> <td style="width: 10%; text-align: center;">Seen</td> <td style="width: 10%;"></td> <td style="width: 10%; text-align: center;">Struck</td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> <td style="width: 10%;"></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">4</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td></td> <td></td> <td style="text-align: center;">2</td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">1</td> <td><input type="checkbox"/></td> <td style="text-align: center;">A</td> <td><input type="checkbox"/></td> <td></td> <td style="text-align: center;">A</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">2-10</td> <td><input type="checkbox"/></td> <td style="text-align: center;">B</td> <td><input type="checkbox"/></td> <td></td> <td style="text-align: center;">B</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">11-100</td> <td><input type="checkbox"/></td> <td style="text-align: center;">C</td> <td><input type="checkbox"/></td> <td></td> <td style="text-align: center;">C</td> <td></td> <td></td> <td></td> <td></td> </tr> <tr> <td style="text-align: center;">more</td> <td><input type="checkbox"/></td> <td style="text-align: center;">D</td> <td><input type="checkbox"/></td> <td></td> <td style="text-align: center;">D</td> <td></td> <td></td> <td></td> <td></td> </tr> </table> <p>Size of Bird 44</p> <p>small <input type="checkbox"/> S</p> <p>medium <input type="checkbox"/> M</p> <p>large <input type="checkbox"/> L</p> <p>Pilot warned of Birds 45</p> <p>yes <input type="checkbox"/> Y no <input type="checkbox"/> X</p> <p>Remarks (describe damage, injuries and other pertinent information) 46/47</p> <p>_____</p> <p>_____</p> <p>_____</p>		Seen		Struck									4										2								1	<input type="checkbox"/>	A	<input type="checkbox"/>		A					2-10	<input type="checkbox"/>	B	<input type="checkbox"/>		B					11-100	<input type="checkbox"/>	C	<input type="checkbox"/>		C					more	<input type="checkbox"/>	D	<input type="checkbox"/>		D				
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Reported by _____

THIS INFORMATION IS REQUIRED FOR AVIATION SAFETY

CIVIL AVIATION AUTHORITY OF NEPAL
Babar Mahal, Kathmandu, Nepal

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

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

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

Engine position number	1		2		3		4	
Reason for failure/shutdown	55		56		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	_____	61	_____	62
Estimated number of birds ingested	_____	63	_____	64	_____	65	_____	66

Bird species _____ 41

**These may be difficult to determine but even estimates are useful*

Send all bird remains including feather fragments to:

Reported by _____

Note: This form is developed as per Manual on ICAO Bird Strike Information System (IBIS)