



GOVERNMENT OF INDIA
CIVIL AVIATION DEPARTMENT
OFFICE OF THE DIRECTOR GENERAL OF CIVIL AVIATION

F. No. AV.15023/02/2011-AS

New Delhi, Dated the 4th October, 2011

AIR SAFETY CIRCULAR 02/2011

Subject: **Reporting of Wildlife (Bird/Animal) Strike – Latest“ Wildlife Bird/Animal) Strike” Reporting Form.**

1. Purpose

This circular describes the reporting requirement for Wildlife (Bird/Animal) Strike to the aircraft in accordance with new Wildlife (Bird/Animal) Strike Form developed by DGCA.

2. Background

Amendment 10 to ICAO Annex 14 –Aerodromes, Volume I – Aerodrome Design and Operations adopted by the Council on 4thMarch 2009 became applicable on 19.11.2009. This amendment has introduced new provisions including replacing ‘bird strike’ with ‘Wildlife strike’ to cover strikes both by birds and other animals. Accordingly, based on discussions with airlines and airport operators, the existing Bird Strike Incident Reporting Form has been revised by DGCA to make reporting procedure more effective and elaborate.

3. Applicability

3.1 This circular shall apply to any airport licensed by DGCA or any other airport where scheduled, non-scheduled/charter or any other flying activity takes place.

3.2 This circular shall also apply to all operators engaged in scheduled, non-scheduled air transport services and general aviation etc. in India.

4. Latest Wildlife (Bird/Animal) Strike Incident Reporting Form

The existing Bird Strike Incident Report Form has been revised by DGCA to include the following:

- a) Amendment 10 to ICAO Annex 14 dated 19.11.2009 to include wildlife covering strikes due to both by birds and animals.
- b) Reporting of financial loss.
- c) Standardisation of reporting format so as to bring uniformity in reporting of wildlife (bird/animal) strikes.

Annexure-I to the Circular contains guidelines for filling Wildlife (bird/animal) Strike Reporting Form.

Annexure-II to the Circular contains address and emails of DGCA Hqrs and Regional Offices for reporting purpose.

All airlines scheduled/non-scheduled, general aviation operators etc.,and airport operators shall use latest Wildlife (bird/animal) Reporting Form w.e.f 10th December 2011.

5. Definition of Wildlife (Bird/Animal) Strike

Wildlife(bird/animal) strike are defined in following two categories:

5.1 Confirmed Strikes

- a) Any reported collision between a bird or other wildlife and an aircraft for which evidence in the form of a carcass, remains or damage to the aircraft is found.
- b) Any wildlife (bird/animal) found dead on an airfield where there is no other obvious cause of death (e.g. strike by vehicles in the operational area, etc.).

5.2 Unconfirmed Strikes

Any reported collision between a bird or other wildlife and an aircraft for which no physical evidence is found.

6. Instances of Reporting Wildlife (Bird/Animal) Strikes

A Wildlife (Bird/Animal) strike has occurred when:

- a) A pilot reports aircraft strike with one or more birds or other wildlife;
- b) Aircraft maintenance personnel identify aircraft damage as having been caused by wildlife (bird/animal) strike;
- c) Personnel on the ground report observing an aircraft strike with one or more birds or other wildlife;
- d) Bird or other wildlife remains, whether in whole or in part, are found within 200 feet of the runway centerline, unless any other reason for the animal's death is identified; and
- e) Wildlife (bird/animal) presence on the airport had a significant negative effect on a flight i.e. aborted take-off, go around, high-speed

emergency stop, aircraft left pavement area to avoid collision with animal, air turn back due wildlife (bird/animal), etc.

7. Guidelines for reporting Wildlife (Bird/Animal) Strike

- 7.1 Pilot-in command of the aircraft shall immediately inform the local air traffic control unit whenever a potential bird hazard is observed or he is aware that a wildlife (bird/animal) strike has occurred.
- 7.2 If the wildlife (bird/animal) strike has occurred, the pilot-in command shall submit a written Wildlife (bird/animal) strike report after landing.
- 7.3 If the wildlife (bird/animal) strike is discovered when the pilot-in-command is not available, the operator shall be responsible for submitting the report.
- 7.4 The duly filled-in Wildlife (bird/animal) Strike Reporting Form shall be forwarded to the Regional Air Safety offices with a copy to Director -Air Safety (DGCA Hqrs) and concerned airport operator within two days of the incident.
- 7.5 All airport and airlines operators shall prepare monthly data and furnish the report to the Regional Air Safety Offices with a copy to Director Air Safety (DGCA Hqrs) by every 7th of the month containing information for the preceding month.

Sd/-
(LALIT GUPTA)
Dy DIRECTOR GENERAL
FOR DIRECTOR GENERAL OF CIVIL AVIATION



WILDLIFE (BIRD/ANIMAL) STRIKE FORM – DGCA India (Amended 01/2011)

To be completed on discovering evidence that a Wildlife (Bird/Animal) strike has, or may have, occurred.
To be completed for all bird/wild life strikes, whether or not damage has been caused.
Copies of this form should be sent as indicated at note 1 below.

F.N.AV.15023/02/2011-AS, 11th September, 2011

Aircraft Operator
Aircraft Type & Series
Aircraft Reg.....Flight No.....
Engine Make / Model

Precipitation: None Fog Rain Sleet/Snow
Sky Condition No Cloud Some Cloud Overcast

Date of Occurrence (dd/mm/yy)/...../.....
Time of Occurrence (Local)Hrs (24hr)
Dawn Day Dusk Night

Wildlife (Bird/Animal) Description (e.g. Eagle, Pigeon, Dog, Deer etc.)
.....
.....

Aerodrome of Departure
Aerodrome of Intended Arrival
Aerodrome of Occurrence.....

Bird Remains sent for identification Yes No

Runway in Use
Altitude (AGL).....
Speed (IAS).....
Position (if en-route)
ATC Informed YES NO

Number of Birds/Animals
(Enter actual number if known) Seen Struck
1
2-10
11-100
100+

Phase of Flight
Taxi Descent
Take-off run Approach
Climb Landing roll
En-Route Ground Checks

Pilot warned of birds/Animals Yes No

Bird/Animal Size Small Medium Large

Part(s) of Aircraft
(Attach sheet for description if any) Struck Damaged
Radome
Windshield
Nose (if not one of the above)
Engine No. 1
2
3
4
Wing (including high lift devices)/
Rotor/Propeller
Fuselage
Landing Gear
Tail
Lights
Others (Specify)

Note 1: Copies of this form should be submitted as soon as practicable to the recipient shown below:-

DGCA Headquarter (DAS)
DGCA Regional Air Safety Office
Aerodrome In-charge
Flight Safety Dept, Operator

Remarks and other relevant information:
.....
.....

Reported by:
Name.....
Designation.....Station.....
Contact No.....Date.....

Financial loss Information

Aircraft time out of service(hrs)	Estimated cost of repairs or replacement ()	Estimated other cost()

Guidelines for filling wildlife (bird/animal) strike form:

1. **Aircraft Operator** – Operator can be an airline (Sch- Nsch) (State aircraft –,Defense, Custom, immigration, State Governments) Corporate business groups), You can use ICAO code for Schedule airlines or Full name of Operator
2. **Aircraft Type & Series** – You can use abbreviation such as, A-320, B737-400, B-200, PA23, C-172 etc).
3. **Aircraft Registration** – Use full registration (Nationality +Registration mark) such VT-ESC, VT-KFR, VT-JNS, VT-INA, VT-SPM, for defense VU-AVB, VU-KBC,
4. **Flight No** – Use flight no in ICAO or IATA code or use full airline name.
5. **Engine Make/Model** - Abbreviations are allowed (CFM 560, IAE 2527).
6. **Date of occurrence** – Write the local date as per country of occurrence, do note GMT date. Format: dd/mm/yyyy
7. **Time of occurrence** – Use the time in 4 digit e.g 1600, 0700, or as 7 AM or 4 PM.
8. **Aerodrome of Departure** - Fill the airport name in 4 letters ICAO code e.g. VIDP, VABB or use full airport name, Delhi, Mumbai, if there are more than one airport in the city use airport name also, while using ICAO code.
9. **Aerodrome of Intended Arrival** – Fill the airport name as mentioned in para 8
10. **Aerodrome of Occurrence** -- Fill the airport name as mentioned in para 8
11. **Runway used** – Use standard e.g. 27, 05, 11 etc
12. **Altitude AGL** – Use feet above ground level at the time of the strike (if you don't know, use MSL and indicate this). For take-off run and landing roll, it must be 0
13. **Speed (IAS)** - Speed at which the aircraft was traveling when the strike occurred.
14. **Position if En Route** - Put the name of the nearest airport and state.
15. **Phase of Flight** – It must be filled very accurately, whether strike occurred during Take-off run or landing roll, etc.
16. **Part(s) of Aircraft** -- Check which parts were struck and damaged. If a part was damaged but not struck indicate this with a tick on the damaged column only. Please give more information in remark column why this happened.
17. **Effect on Flight** – Fill in the given options and explain in remark.
18. **Other Report Raised** – If any other report raised tick the appropriate column.
19. **Precipitation** - You may check more than one.
20. **Sky condition** - Check the one that applies.
21. **Wildlife (Bird/Animal) description**– Specify the bird/animal type (Pariah kite, crow, deer, dog, pigeon etc)If you don't know, put unknown .
22. **Bird Remains sent for identification** -- Tick the appropriate column if applicable.
23. **Number of birds seen /or struck** - check the box in the column with the correct number if you saw the birds/other wildlife before the strike and check the box in the Struck column to show how many were hit. The exact number can be written next to the box.
24. **Pilot Warned of Birds** – Weather ATC warned about bird or ATIS contain any information about bird activity.
25. **Bird Size** - Check what you think is the correct size (e.g. Paria kite – Big, sparrow- small)
26. **Remarks** – This include information about the extent of the damage, injuries; effect on flight or emergency, PAN PAN or MAY DAY declaration. Be as specific as you can, anything you think would be helpful to know about safety/bird/animal strike prevention.
27. **Reported by** – Do not hesitate in putting your name, this is optional. It is helpful if questions arise about the information on the form (a phone number could also be included).
28. **Title** - This can be Pilot, ATCO, Airport Official, Airline Officials, Flight Safety /regulatory Body Officer/ person etc.
29. **Date** – Write the Date when the form has been filled. eg.dd/mm/yyyy
30. **Financial Loss Information:**–As you know that wildlife (bird/animal) strike may result in financial loss to the airlines. For this information Engineering, Finance, commercial and Flight safety department shall be responsible.
 - **Aircraft time out of service** - Record how many hours the aircraft was AOG due wildlife (bird/animal) strike.
 - **Estimated cost of repairs or replacement** - This may not be known immediately after bird/animal strike, but the data can be sent at a later stage to DGCA you should write contact name and number for this data. Financial loss be provided in Indian rupees.

Estimated other cost – This include pax transfer by other flight or other means of transport, fuel, hotels, Food/snacks, refund of fare etc.

Address and email of the DGCA Headquarters and Regional Offices for reporting Wildlife (Bird/Animal) Strike:

<p>DGCA Hqrs</p> <p>Director of Air Safety DGCA Hqrs Opp Safdarjung Airport New Delhi 110003 Ph. No. 011-24620272 / 24620274 Fax No. 011-24633140</p> <p>Email: lalit.dgca@nic.in cpmpraju.dgca@nic.in rpkashyap.dgca@nic.in</p>	<p>DGCA Regional Office Northern Region</p> <p>Director of Air safety (NR) Civil Aviation Department, Safdarjung Airport New Delhi- 11 0003. Ph. No. 011-24615070</p> <p>Email: rnatdgc@nic.in axjoseph.dgca@nic.in</p>	<p>DGCA Regional Office Western Region</p> <p>Director of Air Safety, Civil Aviation Department, Western Region, Santacruz (East) Mumbai Airport (old) Mumbai-400029 Ph No. 022-26157338 022-26265311</p> <p>Email: Sanjayb.dgca@nic.in daswr@rediffmail.com ssaxena.dgca@nic.in</p>
<p>DGCA Regional Office Eastern & N-E Region</p> <p>Director of Air safety Civil aviation Department, East and North East Region, NSCBI Airport Kolkata- 700052</p> <p>Ph. No. 033-25118374</p> <p>Email: Sanit.dgca@nic.in h_n_mishra@yahoo.co.uk</p>	<p>DGCA Regional Office Southern Region</p> <p>Director of Air safety , Civil Aviation Department, Chennai Airport, Chennai 600027</p> <p>Ph. No. 044-22561338</p> <p>Email: rcascad@rediffmail.com Durairajsam@yahoo.com</p>	<p>DGCA Regional Office Southern region (Andhra Pradesh & Karnataka states)</p> <p>Regional Controller of Air Safety, Hyderabad Airport(old) Hyderabad- 500016</p> <p>Ph.No.040-27905246</p> <p>Email: klmeena.dgca@nic.in</p>