

GOVERNMENT OF INDIA
CIVIL AVIATION DEPARTMENT



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वायु विमानन विभाग
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AV.15023/1/2009-AS(NBCC)
02/12/2009

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Ed (Avn Sdls) To: All Members and Special Invitees as per attached list.

Subject: Minutes of the 2nd Meeting of National Bird Control Committee (NBCC) held on 17.11.2009 under the Chairmanship of Secretary, Ministry of Civil Aviation

Sir,

Enclosed please find herewith minutes of the 2nd meeting of National Bird Control Committee (NBCC) held on 17.11.2009 under the chairmanship of Secretary, Ministry of Civil Aviation, for information and necessary action.

Yours Faithfully,

R.P. Kashyap
(R.P. Kashyap)
Assistant Director (Operations)
For Director General of Civil Aviation
rp Kashyap dgca@nic.in

Copy to

1. Sr PPS to Secretary Civil Aviation
2. PS to DG
3. PA to Joint DGCA(AKC)
4. PA to Joint DGCA(RPS)
5. PA to DAS

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**Minutes of the 2nd Meeting of National Bird Control
Committee (NBCC) held on 17.11.2009 under the
Chairmanship of
Secretary, Ministry of Civil Aviation**

At the outset, DGCA welcomed all the participants. The list of participants is enclosed at Annexure 'A'. The Chairman took serious note of absence of representatives of MIAL, BIAL and asked DGCA to find reasons of absence of those representatives. DGCA gave a brief description of National Bird Control Committee (NBCC) and informed the house that this is the second meeting of NBCC. First Meeting took place on 03.06.2009.

DGCA asked Joint Director General of Civil Aviation to give a presentation on action taken on the minutes of the First meeting held on 03.06.2009.

Joint DGCA gave a detailed presentation on the issues covering data on Birds Strike in India over a period of 2000-2009 which includes comparative study for 2008-2009 and financial losses incurred with various Airlines. JDC also apprised the Committee on the action taken by DGCA on the minutes of the meeting held on 03.06.2009.

Current data on Bird Strike:

Current Bird Strike data for the year 2007, 2008 and 2009 till October was presented in the meeting by Joint DGCA. In his presentation it was stated that Airlines have suffered financial losses in crores of rupees due to Bird Strike.

Chairman asked Airlines to give their comments on how to reduce Bird Strike incidents and comments on problem of Bird Strike at specific Airports.

Spicejet and Indigo stated that Ahmedabad Airport is a critical Airport and their statistics shows that bird strike rate at Ahmedabad is very high.

Chairman expressed his concern over the issue and desires to take up Ahmedabad as a Special case and to chalk out a plan for reduction in the Bird Strike incidents.

Airlines informed that Bird Strike data of DGCA be prepared for strike rate vis-à-vis aircraft movement (Strike rate per 10000 movement) as per international norms which was noted for action.

Indigo representative reiterated that VV Aviation Safety Department to be utilized on Bird Strike prevention programme & study.

King Fisher representative informed the house that most of their Bird Strike incidents occurring with their aircraft are at Delhi followed by Mumbai. Bird Strike puts pressure on their operations and Kingfisher is suffering financial losses.

IAF representative suggested that Airlines should delay their departure due to Birds activities on Runway.

After presentation on the current data, following points were discussed

Point 1: Enforcement of Rule 91, Aircraft Rules 1937

JDG informed the house that DGCA has issued letters to Chief Secretaries of all State Governments regarding enforcement of Rule 91 of Aircraft Rule 1937 wherein State Administration have been requested to advise all police authorities to take action under the proviso of Rule 91 of Aircraft Rule 1937. Reply from the State Governments is awaited. It was further informed that DGCA has amended Schedule VI (penalties) in Rule 90 wherein a fine of Rupees one lakh and imprisonment of not exceeding 3 months or both can be imposed on Rule violators. The point was discussed in the last NBCC Meeting. DGCA expressed his concern over the issue and advised all aerodrome operators to take necessary steps to enforce Rule 91.

Chairman desired that more vigil on the part of aerodrome operators is expected. If need be, matter be pursued by DGCA with State governments through MCCA.

AAI informed that so far no FIR has been filed by any of its Airport Director. DIAL, MIAL and AAI were also advised to come up with action plan to enforce Rule 91 including to lodge an FIR against the violators.

After the discussion it was agreed that Aerodrome operators will act on the enforcement of Rule 91 and furnish information to DGCA before the next meeting.

Point 2: Active participation of Secretary of State Governments in the AEMC meetings.

DGCA informed the house that DGCA has written letter to all State Governments regarding active participation of Chief Secretary, Environment Secretary, Commissioner or Head of the District in the AEMC meetings along with local civic bodies and desired that AAI should take similar Action on the basis of DGCA letter. Member(Op) AAI informed that they will take up this matter with State Government of concerned Airport for active participation in the meeting.

Joint DGCA in his presentation reflected that on 05.11.2009 DIAL was advised to demonstrate all the equipments and methods of Operation used in Bird Strike Prevention. DGCA asked DIAL Action Taken Report on issue. DIAL informed the house that they have decided to conduct the demonstration on 10.12.2009. Chairman desired that all Operators including AAI should take part in the programme which DIAL is organizing on 10.12.2009 and DIAL, MIAL, HIAL, CTAL and AAI should be invited to see the demonstration and for exchange of information on Bird Strike Prevention. IAI representative informed the Committee that they would like to become a part of the Team.

Chairman desired that after DIAL similar actions should be taken by MIAL, HIAL, CTAL & BIAL.

Point 3: Bird problems in Ghazipur and Sadar Bazar Area.

DGCA informed the Committee that the problem of Ghazipur and Sadar Bazar Area have been resolved. Modern abattoir at Ghazipur have already started functioning and section of abattoir at Sadar Bazar has been closed.

Secretary (Environment), Delhi Government informed that they have identified the Area from bird strike point of view and action is under process with Police Authorities to cancel *Leh Bazar* near R.K. Puram and Sadar Bazar.

Point 4: Requirement of on line system of Bird Strike incident report and reporting of such incidents in correct manner.

Joint DGCA in his presentation stated that Bird Strike reporting system is already existing. DGCA on 17.08.2009 has issued instructions to all operators for reporting bird strike information in the prescribed format to all concerned authorities. In these instructions pilot have been directed to follow correct bird strike reporting procedure.

Chairman & DGCA asked feedback from Airlines on on-line bird reporting system. There were no comments. It was suggested that if operators have any comments, they should send to DGCA.

Joint DGCA suggested that Airline should also issue instructions and reiterate to their pilots for proper and mandatory reporting of Bird Strike incident.

Point 5: List of Experts who can advise on how to deal with birds and animals declared as danger for Aviation Safety.

Joint DGCA informed the Committee that Ministry of Environment & Forest have provided a list of selected Ornithologists in India whose expertise can be utilized for bird strike prevention.

Chairman desired that a small group be formed which can really go into technical identification and data base for bird strike. The group should have experts from MOEF, IAF, DGCA, AAI. This data base can be very helpful in Bird Prevention Programming.

Chairman desired that AAI should have a designated officer for Bird Strike prevention who can coordinate with DGCA and other Aerodrome Operators.

Point 6: IAF module of Bird Strike be obtained and studied and see if this can be implemented in civil.

Joint DGCA informed the Committee that IAF has already been requested to forward a copy of their module.

The copy of the IAF module on Bird Strike was provided to DGCA by IAF representative.

Point 7: NBCC must identify critical Airport and if necessary matter be taken at the level of Chief Secretary to resolve the issue.

It was informed to the Committee by Joint DGCA that Ahmedabad Airport was identified as a critical Airport and special AEMC meeting was called at Ahmedabad Airport. Joint Director General of Civil Aviation attended the AEMC along with Principal Secretary, Govt of Gujarat. Special AEMC meetings are being called at other critical Airports such as Delhi, Mumbai & Nagpur.

Point 8 : DGCA advised that an Expert can be engaged to study bird hazard outside Airport and special drive needed to be conducted before the monsoon season.

Joint DGCA informed the house that regarding engaging an expert, the reply from AAI is awaited. Chairman advised that the AAI should engage an expert to study the birds activities and coordinate with other agencies.

Point 9 : Presentation by Capt. Ranganathan.

Capt. Ranganathan gave a detailed presentation on bird strike prevention. In his presentation he stated that all birds when they are close to the ground will always climb up when an aircraft approaches. When the birds are flying at an altitude, they always dive down as they can get out of a threat area much faster. During take-off, the ideal way to avoid bird strike is to make use of the airflow over the wings. After his presentation Chairman asked Capt. Ranganathan to provide solution to the problem from Pilots and Operators perspective. DGCA asked Capt. Ranganathan to give his valuable suggestions for Bird Strike prevention, which will be examined in DGCA.

Other Points:

- (i) IAF representative raised issue regarding Bird Strike at Pune and Chennai Aerodrome and informed that they are not getting cooperation from local civic bodies. He also raised a point on IAF Academy at Hyderabad and informed that due to coming up of a land fill area near Dindigal village near Hyderabad, IAF may loose their training Academy, he requested Chairman to intervene into the matter. Chairman advised IAF representative to write a letter on the above issues and matter will be taken up with local authorities.
- (ii) Airlines representative raised a point and expressed concerns on the issue of Animal menace at Nagpur and Indore Airport. DIAL informed the Committee that wild life activity is a big task and they are using services of an NGO for the task. DGCA informed the Committee that Animal menace at Nagpur is serious and AAI should take appropriate steps to curb them.

Meeting ended with a vote of thanks to Chair.

List of participants - Meeting of NBCC dated 17.11.2009

Annex

S.N	NAME/ DESIGNATION	ADDRESS	Name	Contact/ E
1.	Secretary Civil Aviation	Ministry of Civil Aviation Govt. of India Rajiv Gandhi Bhawan Safdarjung Airport New Delhi-3	In the Chair	F-2460239
2.	Director General of Civil Aviation	Director General of Civil Aviation Opp Safdarjung Airport New Delhi 110003	Dr Nasim Zaidi DGCA	PH-246207 F-24652760
3.	Joint Director General of Civil Aviation	O/o Director General of Civil Aviation Opp Safdarjung Airport New Delhi 110003	Shri R.P Sahi Jt DGCA	PH-2461103
4.	Chairman Airports Authority of India	Rajiv Gandhi Bhawan Sadarjung Airport New Delhi 110003	Shri V.P. Agarwal Chairman Airports Authority of India	24632930 F-24641088
5.	CMD/ CEO or representative NACIL (Air India , Indian Airlines)	1. Air - India Building, Nariman Point, Mumbai - 400 021, India. 2. Director of Operations, Indian, Indian Airlines Headquarters, Safdarjung Airport New Delhi- 110003.	Shri Vijay Paul ED (North) Capt. S Basil From O/o Dir (Ops) Indian Airlines Shri K.H Jadhav Dy Chief Engineer NACIL Mumbai	25672800 F-022- 23392102 sanjeevbasi@gmail.com
6.	WWF India	WWF India 172 B Lodhi Estates New Delhi 110003.	Gp Capt. N Capila	01141504811 nkapila@wwf dia.net
10	Capt Ranganatahn, Expert	Aaranya 57/1 Dr Shesadari Road avenue Chennai-41	Capt. Ranganathan Expert	mohiak@gma com,99400307 83
11	CMD/ CEO or representative Jet Airways & Jet Lite	Jet Airways Ltd., S.M. Centre, Andheri Kurla Road, Andheri (East), Mumbai-400059	Capt. Ranbir Singh Chief of Flight Safety Jet Airways. Capt. R Partap Head of Flight Safety Jet Lite	98206609304 ranbirsingh@je airways.com headflightsafet @jetlite.com 9953557119
12	CMD/ CEO or representative Kingfisher Airlines & Kingfisher red	Kingfisher Airlines limited Kingfisher house western express highway Vile Parle (E) Mumbai 400057	Shri C.S Tomar VP Flight Safety	cs.tomar@flyki ngfisher.com 9987004298
13	CMD/ CEO or representative Indigo Airlines	Vice President Operations Indigo Airlines Interglobe Aviation Pvt Ltd Global Business Park Tower-C First Floor Gurgaon 112016	Capt.KPS Nair Chief of Flight Safety	9818143626 kps.nair@goind igo.in
14	CEO DIAL/ IGI Airport	IGI airport TR-IB Udan Bhawan New Delhi 110037	Shri. P.W.Noyce COO	9717490510

SPECIAL INVITEES

1.	The Vice Chief of Air Staff	Air Hqrs (Vayu Bhawan) New Delhi 110106	Gp Capt R. S Sodhi PDFS IAF	
2.	Secretary Environment Govt. of NCT Delhi	Department of environment Govt. Of NCT Delhi Secretariat room NO 602 , 6 LEVEL NEAR Indra Gandhi stadium IP state New Delhi 110002	Shri Dharmendra Secretary Environment Govt. of NCT Delhi	23392108 F- 23392034
3.	Joint Commissioner of Delhi Police (Southern range)	Police Hqrs, MSO Building IP Stae New Delhi	Shri K. Jagdeeshan DCP (South- West) Delhi Police	28042984
4.	Chairman AOC	Lufthansa German Airlines IGI Airport.	Shri Parvej Khan F-25652843	981126300 0 PERVAIJ- ALAMGIR. KHAN@DL H

DGCA

1.	Shri. B.S Rai Director Air Safety	O/o DGCA Opp Safdarjung Airport New Delhi 110003	Shri. B.S Rai Director Air Safety	24620272
2.	Shri D.C Sharma Dy. Director (Ops)	O/o DGCA Opp Safdarjung Airport New Delhi 110003	Shri D.C Sharma Dy. Director (Ops)	24620273
3.	Shri R.P Kashyap Operations Officer	O/o DGCA Opp Safdarjung Airport New Delhi 110003	Shri R.P Kashyap Operations Officer	98185769 9 rpkashyap dgca@nic n