

GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
LOK SABHA  
UNSTARRED QUESTION NO. : 6261  
(To be answered on the 5<sup>th</sup> April 2018)

Air Safety Violations

6261. SHRI JOSE K. MANI  
SHRI VENKATESH BABU T.G.

Will the Minister of CIVIL AVIATION

नागर विमानन मंत्री

be pleased to state:-

- (a) whether, with recent move to boost aviation sector, there has been an increase in the number of safety violations by the airlines including a slew of serious offences such as aircraft getting too close to each other, inebriated pilots and cabin crew etc., if so, the details thereof;
- (b) whether the Government is aware of the recent incident of near-miss at Jaipur airport as a result of cramped infrastructure, massive pressure on personnel entrusted with the task of safely handling the growing volume of flights;
- (c) if so, the details thereof including the number of cases of "near-miss" reported during the last three years and the current year and pilots suspended for safety violation; and
- (d) the safety measures being taken by the Airports Authority of India/ Government to meet increased flight operations and address near-miss incidents?

ANSWER

Minister of State in the Ministry of CIVIL AVIATION

नागर विमानन मंत्रालय में राज्य मंत्री

(Shri Jayant Sinha)

(a) There were 352 numbers of violations of safety norms by the airlines in the year 2016 whereas 269 numbers of violations were reported in the year 2017. Therefore, the number of safety violations has reduced in the year 2017 as compared to the year 2016.

(b) There is no near miss incident reported at Jaipur Airport recently i.e. in the last one year.

(c) During the last three years & current year number of air prox. incidents reported are as under:

Year	Number of air miss incidents
2015	21+4*
2016	30+2*
2017	26+2*
2018	8

(till 28th February)

\*Air prox. due to defence/adjacent countries units.

(d) Safety measures taken by the Directorate General of Civil Aviation / Airports Authority of India to address the issue of air prox. incidents are given at Annexure 'A'.

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**FOLLOWING SAFETY MEASURES ARE TAKEN BY DGCA:**

- ATCO's and Pilot proficiency checks are being carried out regularly.
- ATC services are being modernized to include conflict warning in the system to assist ATCO's.
- Coordination procedures of handing over from one unit to another have been laid out. Coordination of handing over traffic to adjoining FIR has been worked out & any deviation is being pointed out to the concerned units for taking corrective action.
- Whenever required, corrective training is being given to Pilots and Air Traffic Controller, and training procedures amended.
- Controllers are given training on ATC simulator at major stations and sensitized on the subject.
- Implementation of Safety Management System at airports to mitigate the risk of accident/ incident.
- Flexible use of airspace between civil and defense airspace is introduced to reduce traffic congestion in the Indian airspace.
- Airlines have been directed to avoid use of similar / confusing call signs.
- One separate Directorate of Air Space and Air Traffic Management in DGCA has been created in DGCA for better surveillance and regulatory functions in Air traffic Management (ATM).
- Case studies of Airprox /ATC incidents are discussed and analysed to avoid recurrence of such incidents.
- AAI had issued an Air traffic management circular on confusing call-signs, which is now incorporated in the ATS Manual Part-1 2015 4th Edition.

**FOLLOWING SAFETY MEASURES ARE TAKEN BY AAI:**

- AAI has implemented various state-of-the-art technology, CNS-ATM systems and advance ATM procedures to enhance safety, efficiency and reduce congestion across various airports and the entire Indian airspace.
- Surveillance within entire Indian Airspace have been improved with multiple surveillance sensors including ADS-8.
- Advanced ATM Automation system with safety alerts and decision making support tools have been implemented at various airports.
- Advance Surface Movement Guidance and Control System (ASMGCS) are operational at major ATC centers for better situational awareness of traffic on ground at the airport and helps them in prevention of any mishap at the airport.
- RNP routes, PBN procedures are implemented to improve airspace safety and capacity.
- Upper airspace harmonization has been implemented at Chennai and Kolkata to enhance safety of aircraft operations.
- Air Traffic Flow Management (ATFM) system has been implemented to balance demand & capacity of air traffic.
- Data link based airport weather information through a common server to ensure timely availability of weather conditions of 42 airports right in the cockpit.
- Implementation of Data Link based departure clearance at six metro airports for reducing human errors and thus enhancing safety of aircraft operations.
- Corrective actions are taken by AAI on the safety recommendations by DGCA, pertaining to AAI.
- Periodic refresher training/sensitization program where case studies of such incidents are discussed in detail in Air Traffic Services centers to prevent similar occurrences in future.
- Evidence based simulator training and Periodic Proficiency Checks of Controllers are also conducted for the improvement of Quality and Safety of Aircraft operations.