

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
RAJYA SABHA
QUESTION NO 02.03.2010
ANSWERED ON**

FUNCTIONING OF CAT III SYSTEM AT AIRPORT .

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Shri Motilal Vora

Will the Minister of COAL HEALTH AND FAMILY WELFARE INFORMATION AND BROADCASTING CIVIL AVIATION be pleased to state :-

- (a) whether CAT-III system has been introduced to cope up with fog at airport in Delhi;
- (b) the time when CAT-III system was installed at Delhi airport and the total expenditure incurred thereon;
- (c) the number of flights that have been affected due to fog so far, upon introduction of CAT-III system; and
- (d) the reasons why CAT-III system was not used in January, 2010 to cope up with dense fog, due to which a number of flights were cancelled and travellers put to lots of inconvenience?

ANSWER

MINISTER OF STATE (INDEPENDENT CHARGE) OF THE MINISTRY OF CIVIL AVIATION

(SHRI PRAFUL PATEL)

(a): Yes, Sir. CAT III ILS system has been introduced at IGI airport for maintaining continuity of flight operations in low visibility condition. CAT III A system permits landing of aircraft upto Runway Visual Range (RVR) not less than 200 meters. CAT III B permits landing of aircraft when RVR is less than 200 meters but not less than 50 meters.

(b): CAT III A system was installed on runway 28 at IGI airport in year 2001. This was upgraded to CAT III B ILS with Advanced Surface Movement Guidance and Control Systems (ASMGCS) in December 2005 at a cost of Rs. 55 crores. In September, 2008, the new runways 29/11 has been provided with CAT III B ILS along with 2nd Surface Movement Radar (SMR) and augmentation of ASMGCS at a cost of Rs. 20.47 crores.

(c): As per the available data, for the current winter season 339 flights were cancelled and 201 flights were diverted at IGI airport due to low visibility in foggy conditions.

(d): There was no failure of ILS CAT-III system at IGI airport in January, 2010. However, on 1st and 2nd January, 2010 from 0200 IST to 1140 IST, some aircraft could not use the system due to failure of RVR equipment and non-availability of Runway Visual Range (RVR) information. However, CAT-II ILS system which permits landing guidance to the aircraft upto RVR not less than 350 meters was available on both the runways.