

**GOVERNMENT OF INDIA
CIVIL AVIATION
LOK SABHA**

UNSTARRED QUESTION NO:1570
ANSWERED ON:30.11.2011
ILS AT IGI AIRPORT
Sugumar Shri K.

Will the Minister of CIVIL AVIATION be pleased to state:

- (a) whether the Instrument landing System (ILS) on the main runway in the Indira Gandhi International (IGI) Airport in New Delhi has been downgraded from CAT-III, to CAT-II;
- (b) if so, the details thereof and the reasons therefor;
- (c) whether the authorities have failed to recalibrate ILS on this runway to CAT-III; and
- (d) if so, the reasons therefor?

Answer

MINISTER OF OVERSEAS INDIAN AFFAIRS & MINISTER OF CIVIL AVIATION (SHRI VAYALAR RAVI)

(a): Instrument Landing System (ILS) serving Runway 28 at IGI Airport has been temporarily authorized for CAT-II operation from CAT-III. However, ILS for Runway 29 and Runway 11 continue to serve as CAT-III.

(b): ILS for Runway 28 was operating as CAT-III for enabling low visibility (50m) aircraft operations during adverse weather. During routine air calibration of CAT-III ILS for Runway 28, a minor deflection in the ILS signal has been observed in the final landing phase on touch down point on Runway which does not meet the CAT-III requirements. This (signal deflection) is for a very short duration of time in seconds. However, as a precautionary measure from safety point of view, CAT-III ILS at Runway 28 was restricted for CAT-II operation pending analysis of the problem and appropriate remedial measures for restoration of the system for CAT-III operation.

(c)&(d): No, Madam. The system was calibrated and the deflection was observed due to structures/buildings taken up for constructions very recently. Efforts are on going to:

- (i) Identify the structure causing the out of tolerance parameter;
- (ii) Deploy mitigating measures

The technical experts of original equipment manufacturers are also examining the system to address the problem and offer possible solutions. However, Airports Authority of India (AAI) in co-ordination with Delhi International Airport Limited (DIAL) has taken up all possible mitigating measures for recalibrating the ILS facility to restore the system for CAT-II operation.