

**GOVERNMENT OF INDIA  
CIVIL AVIATION  
LOK SABHA**

UNSTARRED QUESTION NO:810  
ANSWERED ON:09.07.2009  
AIR ACCIDENTS  
Singh Shri Ganesh

**Will the Minister of CIVIL AVIATION be pleased to state:**

- (a) whether a number of air crashes have taken place since 1st January, 2008 on account of human error;
- (b) the number of incidents which the Directorate General of Civil Aviation (DGCA) has admitted to have taken place so far and the steps taken to prevent such incidents; and
- (c) the details of training on stress management being imparted to the pilots and crew members by the DGCA, for the past two years?

**Answer**

MINISTER OF THE STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF CIVIL AVIATION (SHRI PRAFUL PATEL)

- (a) There have been eight air accidents due to human error since 01.01.2008 till date.
- (b) Nine incidents have been reported to the Directorate General of Civil Aviation (DGCA) since 01.01.2008 till date which have been treated as serious incidents. To prevent such incidents, DGCA has taken various measures which include complete monitoring of Flight Data Recorders, installation of Minimum Safe Altitude Warning System, installation of Monopulse Secondary Surveillance Radars, installation of Airborne Collision Avoidance System, installation of Transponders, installation of Ground Proximity Warning System, computerised monitoring of Flight Duty Time Limitation, Training, Medical & Licence validity of pilots, safety audit of operators, training of aviation personnel under Cooperative Development of Operational Safety and Continuing Airworthiness (South Asia) programmes.
- (c) All the operators have been advised to include stress management module in the training programme to be imparted to their Pilots and Crew Members.