

**GOVERNMENT OF INDIA  
CIVIL AVIATION  
LOK SABHA**

UNSTARRED QUESTION NO:1421

ANSWERED ON:09.12.2004

IMPROVEMENT IN AIR TRAFFIC CONTROL SYSTEM AT AIRPORTS

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

- (a) whether the Government is contemplating to improve Air Traffic Control system at airports;
- (b) if so, the details thereof; and
- (c) the efforts made by the Government so far in this regard?

**Answer**

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

(a), (b) and (c) Improvement/ modernization of Air Traffic Control (ATC) system at airports is a continuous process which is taken up on the basis of operational requirements. In order to augment the capacity of airspace to handle more number of flights, Reduced Vertical Separation Minima (RVSM) has been introduced in India. Various ATC systems viz. Dedicated Satellite Communication Network (DSCN), Surveillance Radars, Automatic Dependent System (ADS) with Controller-Pilot Data Link Communication (CPDLC), Doppler's Very high frequency Omni Range (DVOR), Automatic Message Switching System (AMSS), Flight Information Display System (FIDS) etc. have been installed/ are likely to be installed at various national and international airports based on their requirements. A project for networking of radars has already been approved. Its implementation would bring down the number of area control centres and ensure more effective and better control over air traffic. Airports Authority of India (AAI) has already finalized an action plan with Indian Space Research Organization (ISRO) for implementation of a Satellite based Global Positioning System (GPS) for providing navigation to aircrafts.