

**GOVERNMENT OF INDIA  
CIVIL AVIATION  
LOK SABHA**

UNSTARRED QUESTION NO:4974  
ANSWERED ON:09.12.2010  
CONGESTION AT AIRPORTS  
Rathwa Shri Ramsinhbhai Patalbhai

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

- (a) whether the Government proposes to install a new civilian application system developed by U S Defence equipment major Raytheon alongwith ISRO and Airports Authority of India which could help in removing the congestion in the airports;
- (b) if so, the details of the specialities of the system; and
- (c) the time by which a final decision is likely to be taken in this regard?

**Answer**

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

- (a): Yes, Madam. Airports Authority of India (AAI) has taken up the development of the GPS Added Geo Augmented Navigation (GAGAN) System in association with Indian Space Research Organization (ISRO) and M/S Raytheon Company, USA which will help in precision Approach Navigation to Aircrafts Terminal Approach Areas of Indian Air space.
- (b) GAGAN will provide seamless air navigation service across regional boundaries compatible with the other space based Augmentation System being adopted by other countries like USA, Japan, Europe etc.
- (c) Technology Demonstration Phase (TDS) of GAGAN has already been completed in August, 2007. The Final Operational Phase (FOP) will be completed by June, 2012 and certified GAGAN service will be available by June, 2013.