

**GOVERNMENT OF INDIA
CIVIL AVIATION
LOK SABHA**

UNSTARRED QUESTION NO:544
ANSWERED ON:27.02.2013
RESEARCH AND DEVELOPMENT CENTRE AT HYDERABAD
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Will the Minister of CIVIL AVIATION be pleased to state:

- (a) the present status of the proposed Research and Development Centre to be established at Hyderabad, and;
- (b) the measures taken/ being taken to bring all air routes under the air traffic control system in an effective manner?;

Answer

Minister of State in the Ministry of CIVIL AVIATION (SHRI K. C. VENUGOPAL)

- (a): The proposed Research and Development Centre at Hyderabad is in advanced stage of planning and implementation.
- (b): Though all the Air Traffic Service (ATS) routes are under Air Traffic Control system, following initiatives are taken by Airports Authority of India to improve the efficiency of Air Traffic Services along ATS routes:
 - (i) Implementation in surveillance coverage by the integration of Radars and introduction of Automatic Dependent Surveillance - Broadcast (ADS-B) system.
 - (ii) Harmonization of upper airspace in Indian Flight Information Region (FIR), and creation of lower area control centers.
 - (iii) Central - Air Traffic Flow Management (C-ATFM) system implementation to cover the entire national airspace and air routes between various airports to balance the air traffic demand and capacity efficiently.
 - (iv) Establishment of Performance Based Navigation ATS routes.
 - (v) Implementation of new automation system at large number of airports.