

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:4099

ANSWERED ON:20.03.2015

RESEARCH AND DEVELOPMENT PROJECTS IN AERONAUTICAL SECTOR

Chautala Shri Dushyant

Will the Minister of DEFENCE be pleased to state:

(a) whether the Research and Development (R&D) projects in the aeronautical sector are depended on import of raw materials and technology from foreign countries;

(b) if so, the details thereof;

(c) whether some countries dictate terms and conditions for supply of R&D related requirements and if so, the details thereof;

(d) whether a high powered military committee has recommended number of initiatives to make R&D projects in aeronautics free from foreign manipulations; and

(e) if so, the details thereof?

Answer

MINISTER OF DEFENCE (SHRI MANOHAR PARRIKAR)

(a) to (c): Yes, Madam. A number of raw materials and technologies of aeronautical systems are imported from technologically advanced countries. These include metallic and rubberised materials, components and sub-systems of various systems, engine, flight control system, etc. Many of the technologies are not available for purchase.

(d) & (e): A Committee headed by Air Marshal M Matheswaran (Retd.) made several recommendations for development of critical technologies in Aeronautical sector. Among its recommendations, the Committee identified a list of over a dozen technologies in aeronautical sector on which India should urgently get down to work to ensure a minimum level of self-reliance; further study on the latest technology denial regimes; dual use Commercial Off-The-Shelf (COTS) items; various materials used for aircraft manufacture, precision guided weapons, aero engines, sensors. The Committee also pointed out that India needs to find ways to synergise civil and military aviation sectors.