

**GOVERNMENT OF INDIA  
DEFENCE  
LOK SABHA**

UNSTARRED QUESTION NO:4934  
ANSWERED ON:24.04.2003  
EXPANSION PLAN OF HAL  
SRIKANTA DATTA NARASIMHARAJA WADIYAR

**Will the Minister of DEFENCE be pleased to state:**

- (a) the various expansion, modernization and infrastructure upgradation programmes proposed to be implemented by the Hindustan Aeronautics Limited (HAL) during Tenth Five Year Plan;
- (b) the steps taken by the HAL in this regard; and
- (c) the fund earmarked by HAL for this purpose?

**Answer**

MINISTER OF STATE FOR DEFENCE PRODUCTION & SUPPLIES (SHRI O. RAJAGOPAL)

(a) The major projects/programmes to be taken up during 10th Five Year Plan by the Hindustan Aeronautics Limited (HAL) are as follows:

- (i) Licence manufacture of SU30MKI aircraft, its engines & accessories;
- (ii) Limited Series Production (LSP) of Light Combat Aircraft (LCA);
- (iii) Limited Series Production of Intermediate Jet Trainer (IJT);
- (iv) Upgradation programme on aircraft/helicopters; and
- (v) Developing centre of excellence in machining.

Plant and Machinery, civil works and other facilities are planned to be set up for the above programmes at HAL.

Sales growth will be achieved through increase in productivity and outsourcing. Modernisation of facilities is expected to help the products of HAL in becoming globally competitive besides increasing its export potential.

(b) The steps taken and the present status of various programmes are given below:

(i) An Inter Governmental Agreement for manufacture of SU30MKI aircraft, their engines and aggregates, was signed with the Russian side on 4th October, 2000. Subsequently, a General Contract, elaborating terms and conditions for Russian supplies/support was signed by HAL with Russian agency-Rosoboronexport on 28th December, 2000. Government sanction for the project was given on 17th January, 2001.

Setting up of facilities for manufacture of airframes, engines and accessories is underway at different divisions of HAL. Civil works and other procurement activities are under progress.

(ii) Memorandum of Understanding (MOU) has been signed by HAL with Aeronautical Development Agency (ADA) for setting up facilities for production of LCA at HAL. Work on drawing up specification for assembly hangars is progressing. Tool design and tool fabrication is under progress.

(iii) Proposal for productionising of IJT at HAL has been mooted.

(iv) Development works on upgradation of Jaguar, MiG-27M and Weapon System Integration (WSI) on Advanced Light Helicopter (ALH) are under progress and the series modifications are envisaged after prototype developments. Additional activities for setting up testing facilities etc., are underway.

(v) A centre of excellence in machining is envisaged to cater to various projects of HAL. Drawing up of specifications for machines and plant lay out are under progress.

(c) The funds required for the purpose are proposed to be arranged through customers and HAL`s own resources, as per their mutual agreements.