

(c) whether it is also a fact that medium mulirole combat aircraft will be finalized in the fiscal 2013-14; and

(d) if so, the details thereof?

THE MINISTER OF DEFENCE (SHRI A.K. ANTONY): (a) and (b) The Capital Acquisitions during Twelfth Plan period for the Indian Air Force (IAF) mainly include Su-30 MKI aircraft, Light Combat Aircraft, Medium Multi Role Combat Aircraft, Very Heavy Transport Aircraft, Medium Transport Aircraft, Attack Helicopters, Heavy Lift Helicopters, Medium Lift Helicopters and Basic, Intermediate as well as Advanced Trainer aircrafts as per the Long Term Integrated Perspective Plan (2012-2027) approved by the Defence Acquisition Council.

(c) and (d) The Contract Negotiation for the Medium Multi Role Combat Aircraft (MMRCA) is presently going on as per the procedure and provisions laid down in Defence Procurement Procedure (DPP).

#### **Increase on R & D at HAL**

2516. SHRI T.M. SELVAGANAPATHI: Will the Minister of DEFENCE be pleased to state:

(a) whether it is a fact that the Government is considering to increase the expenditure on research and development at Hindustan Aeronautics Ltd. (HAL) by 15 per cent which is double than the present spending on R and D;

(b) if so, the details thereof;

(c) whether it is also a fact that HAL is now ready to undertake more crucial aircraft projects; and

(d) if so, the details thereof?

THE MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI JITENDRA SINGH): (a) and (b) In the Memorandum of Understanding (MoU) being finalized with Hindustan Aeronautics Limited (HAL), it has been proposed to spend 15 per cent of Profit After Tax (PAT) on Research and Development (R and D) in the year 2013-14.

(c) and (d) Yes, Sir. The major development projects currently under progress are:

- Fifth Generation Fighter Aircraft (FGFA).
- Multi-role Transport Aircraft (MTA).
- Light Combat Aircraft (LCA).
- Intermediate Jet Trainer (IJT).
- Basic Trainer Aircraft (HTT-40).
- Advanced Light Helicopter Weapon System Integration (ALH-WSI).
- Light Combat Helicopter (LCH).
- Light Utility Helicopter (LUH).

**Dependence on HAL for fighter trainer aircrafts**

2517. SHRI BALWINDER SINGH BHUNDER: Will the Minister of DEFENCE be pleased to state:

- (a) whether Indian Air Force depends on Hindustan Aeronautics Ltd. for its fighter trainer aircrafts and helicopter fleets;
- (b) if so, the details of its dependences on HAL;
- (c) whether there is delay by HAL in supplying of spares to Indian Air Force; and
- (d) if so, the reasons and the efforts made to ensure timely supply of spares?

THE MINISTER OF DEFENCE (SHRI A.K. ANTONY): (a) and (b) The Indian Air Force (IAF) operates a trainer fleet comprising Kiran MK-I/ MK-II, Hawk-132 and Pilatus PC-7 K-II aircraft. The current helicopter fleet of the IAF comprises Chetak, Cheetah, ALH and various Mi-series helicopters. Of these, the Chetak, Cheetah, Kiran MK-I/ MK-II, Hawk-132 and ALH are manufactured by M/s Hindustan Aeronautics Ltd. (HAL), which also carries out the Repair and Overhaul (ROH) of these aircrafts/helicopters and their aggregates.

(c) and (d) There have been some instances of delay by M/s HAL in supplying spares. The reasons for delay in supplying spares include delay in supply