

GOVERNMENT OF INDIA
MINISTRY OF DEFENCE
DEPARTMENT OF DEFENCE PRODUCTION
LOK SABHA
UNSTARRED QUESTION NO.2700
TO BE ANSWERED ON THE 3RD JANUARY, 2018
PRODUCTION OF AIRCRAFTS

2700. PROF. SAUGATA ROY:
SHRI INNOCENT:

Will the Minister of DEFENCE please be pleased to state:

- (a) whether the Hindustan Aeronautics Ltd. (HAL) proposes to produce various types of aircrafts including fighter jets for the use of the armed forces in the country;
- (b) if so, the details thereof and the expected cost of the project along with the details of production capacity of HAL;
- (c) whether it is a part of production of weapons / arms / ammunitions and other war materials nationally and if so, the details thereof;
- (d) whether the Government has asked the HAL to speed up their manufacturing of fighter jets and if so, the details thereof; and
- (e) the steps taken by HAL for timely and quality manufacturing of such fighter jets?

A N S W E R

MINISTER OF STATE
IN THE MINISTRY OF DEFENCE

(DR. SUBHASH BHAMRE)

रक्षा राज्य मंत्री

(डा. सुभाष भामरे)

(a) to (e): A statement is attached.

STATEMENT REFERRED TO IN REPLY TO PARTS (a) TO (e) OF LOK SABHA UNSTARRED QUESTION NO. 2700 FOR ANSWER ON 3.1.2018

(a) & (b): Yes, Madam. Since inception, Hindustan Aeronautics Ltd. (HAL) has been engaged in design & development, manufacture, upgrade and repair / overhaul of fighters, trainers transport aircraft, helicopters, engines, avionics systems & accessories for the requirement of the Defence Services. So far, HAL has indigenously designed & developed 17 types of aircraft / helicopters consisting of three fighter aircrafts including ongoing platform of Light Combat Aircraft (LCA)-Tejas, Advanced Light Helicopter (ALH)-DHRUV and Chetak / Cheetal Helicopter.

Additionally, under Transfer of Technology (ToT) with foreign Original Equipment manufacturers (OEMs), 14 platforms have been manufactured in the country by HAL consisting of 8 categories of fighter aircraft including ongoing manufacturing program of Su-30 MKI.

The annual production capacity of HAL along with the ongoing contract cost (product-wise) is detailed below:

S. No.	Product	Annual production capacity	Value of ongoing contracts / current status
1.	Su-30 MKI	12	Rs.59420 crores for 182 aircraft and 153 have been produced so far.
2.	Hawk MK 132	16	Existing orders completed in 2016-17.
3.	Do-228	06	Rs.1090 crores for 14 aircraft and 12 have been produced so far.
4.	LCA TEJAS	08	Rs.2702 crores for 20 Initial Operational Clearance (IOC) aircraft and Rs.5989 crores for 20 Final Operational Clearance (FOC) aircraft. 6 aircraft are produced so far.
5.	ALH	24	Rs.13799 crores for 159 helicopter of which 154 have been produced so far.
6.	Cheetal	08	Rs.203 crores for 10 helicopters, which taken up for production.

(c) No, Madam. HAL produced fighter / trainer / transport aircraft, helicopter and associated systems & sub-systems do not fall under the category of weapons / arms / ammunition.

(d) & (e): In order to fast track the production of LCA from existing 8 aircraft to 16 aircraft per annum Government of India has approved an investment of Rs.1,381.04 Crores, against which HAL has already started the development activities. Su-30 MKI programme is on the verge of completion; hence, there is no plan to augment the production facilities for this platform.

The following steps have been taken by HAL to ensure timely and enhanced production of LCA aircraft.

- Establishment of second line for structural and equipping activities at Aircraft Division, HAL.**
- Reduction in manufacturing cycle time through improved supply chain management, learning and augmentation of manpower.**
- Established contracts for outsourcing of major modules namely Front fuselage, Centre fuselage, Rear fuselage, Wing and various sub-assemblies to private partners.**
