

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

STARRED QUESTION NO:352

ANSWERED ON:19.12.2011

MANUFACTURING OF SUKHOI AIRCRAFT

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Will the Minister of DEFENCE be pleased to state:

- (a) whether the Hindustan Aeronautics Limited (HAL) has started manufacturing of Sukhoi-30 MKI fighter aircraft as per the Defence Procurement Procedure;
- (b) if so, the details thereof indicating the infrastructure created by the HAL vis-à-vis the production capacity in this regard;
- (c) whether the Government has asked HAL to speed up the manufacturing of the aircraft and if so, the details thereof;
- (d) the delivery schedule fixed by HAL in this regard; and
- (e) the steps taken for the timely delivery/induction of the aircraft in the Indian Air Force?

Answer

MINISTER OF STATE IN THE MINISTRY OF DEFENCE (SHRI A.K. ANTONY)

- (a) The licenced production of SU-30 MKI aircraft commenced at HAL in 2004-05 under the procedures for defence procurement laid down in 1992.
- (b) An Inter-Governmental Agreement (IGA) was concluded on 4th October, 2000 between the Governments of Republic of India and Russian Federation for transfer of Licence and Technical Documentation to India, for production of 140 SU-30 MKI Aircraft, its engines and aggregates. The Government's approval was conveyed to HAL in January 2001. As per the approval, the production capacity envisaged was 12 aircraft per year. A production line for manufacture of Su 30-MKI aircraft has been set up in Nasik plant of HAL.
- (c) As per Government's approval, the project was to commence from the year 2004-05 and finish by 2017-18. However, subsequently on the request of IAF the delivery schedule of 140 Aircraft was compressed to 2014-15 and government's approval in this regard was conveyed to HAL in March, 2006. As per the revised government approval, the production capacity envisaged was 16 aircraft per year.
- (d) Subsequent to the government's approval of March 2006, contracts were concluded by HAL with IAF for supply of 140 SU-30 MKI aircraft by 2014-15. Further contract for supply of additional 40 SU-30 MKI aircraft was concluded with IAF for completion by 2014-15, along with the earlier order of 140 aircraft.
- (e) HAL has taken the following steps for timely delivery of aircraft to the Indian Air Force:-
 - (i) Commissioning of additional tooling, jigs and fixtures in manufacturing and assembly shops.
 - (ii) Increased outsourcing.
 - (iii) Development of alternate vendors.
 - (iv) Improvements in manufacturing processes and operations in order to reduce cycle time.
 - (v) Effective monitoring and timely interventions through Enterprise Resource Planning (ERP).
 - (vi) Recruitment/re-deployment of manpower in critical work centers.