

GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
Lok Sabha
UNSTARRED QUESTION NO. : 1770
(TO BE ANSWERED ON THE 5th December 2024)
INDIGENOUS AIRCRAFT DEVELOPMENT

1770. SHRI RAJU BISTA

Will the Minister of CIVIL AVIATION

be pleased to state:-

- (a) the number of employment generated in the aerospace sector in view of the various initiatives and schemes initiated to promote indigenous aircraft development;**
- (b) the number of foreign and domestic collaborations and partnerships being made for enhancing the development of indigenous aircraft technologies by 2047;**
- (c) the details of investment made by the Government and private sectors in the indigenous aircraft projects during the last five years;**
- (d) the strategies to be implemented by the Government to ensure the workforce is trained and skilled for the technological advancements in aerospace sector; and**
- (e) the existing technological gaps faced by the Indian companies that stop India from becoming a significant player in the global aerospace industry along with the corrective steps being taken by the Government to bridge this gap?**

ANSWER

Minister of State in the Ministry of CIVIL AVIATION
(Shri Murlidhar Mohol)

(a) to (e) The Government has been encouraging the development of the ecosystem for the manufacturing of aircraft, including regional transport aircraft, and associated equipment by public and private enterprises in India. The steps taken by the Government aim to bridge the technological gaps faced by the industry. CSIR-NAL is designing and developing indigenous 19-seater Light Transport

Aircraft Saras Mk-2. Under this project CSIR-NAL has employed about 120 engineers and technicians as on date. CSIR-NAL has collaboration and partnership with HAL for the development of indigenous 19-seater Light Transport Aircraft Saras. CSIR-NAL has also implemented two major aircraft programmes in the last five years viz., Saras Mk2 19 seater Light Transport Aircraft under development with a project outlay of Rs. 495 Crore and Hansa-3(NG) - 2 seater trainer aircraft developed and certified by Directorate General of Civil Aviation (DGCA) with a project outlay of Rs. 22.60 crores.;

DGCA has issued a regulation viz. Civil Aviation Requirements (CAR)-147 (Basic) for granting approval to basic Aircraft Maintenance Organization (AMO). The regulations are in line with international standards of International Civil Aviation Organization (ICAO) and harmonised as per European Union Aviation Safety Agency (EASA) regulations. The regulations require part of practical training to be imparted by the approved AMO which provides a live environment, practical working exposure for enhancing the competency of students. The students on completing training under CAR-147 (Basic) approved Institute and on passing the requisite DGCA examinations become eligible for issue of Aircraft Maintenance Engineers (AME) licence. Currently, total 16203 numbers of AME licences in different categories i.e. Cat A, B1, B2, B3 have been issued by DGCA to certify the Indian registered aircraft.;

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The Pradhan Mantri Kaushal Vikas Yojana (PMKVY) being implemented by Ministry of Skill Development and Entrepreneurship focuses on new age and emerging courses such as Drone, Artificial Intelligence (AI), etc. Craft Instructor Training Scheme (CITS) is being offered at National Skill Training Institute, Kanpur, Uttar Pradesh in the trade of Aeronautical Structure and Equipment Fitter w.e.f. Admission session 2024-25 with an objective to provide comprehensive training in both hands-on skills and training methodology to the instructor trainees to make them conversant with techniques of imparting hands-on skills and train skilled manpower for the industry. Directorate General of Training (DGT)

has introduced training program in "Aeronautical Structure and Equipment Fitter", National Skill Qualification Framework (NSQF) compliant, Level 4 course having duration of 2 years under Craftsmen Training Scheme in year 2019 to cater the need of skilled workforce including growing demand of aviation industries. DGT and Dassault Aircraft Services India (DASI) have signed a Memorandum of Understanding (MoU) for implementation of Aeronautical Structure and Equipment Fitter (AS&EF) trade under Craftsman Training Scheme (CTS) and Craft Instructor Training Scheme (CITS) at National Skill Training Institute (NSTI), Kanpur Uttar Pradesh.
