

**GOVERNMENT OF INDIA
DEFENCE
LOK SABHA**

UNSTARRED QUESTION NO:2911

ANSWERED ON:14.03.2011

TESTING OF PILOTLESS AIRCRAFT

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Will the Minister of DEFENCE be pleased to state:

- (a) whether the flight test of the Pilotless Target Aircraft Lakshya-2 was conducted in the recent past;
- (b) if so, the details thereof;
- (c) whether the system designed has been able to meet the objectives;
- (d) if so, the details thereof; and
- (e) the time by which the Government proposes to induct the aircraft into the defence forces?

Answer

MINISTER OF DEFENCE(SHRI A.K. ANTONY)

(a) & (b): Yes, Madam. Low altitude flight trials of Pilotless Target Aircraft (PTA) Lakshya-2 were conducted at Integrated Test Range (ITR), Balasore on 20th and 23rd December 2010. The objectives of the flight trials were:-

- (i) Digital Flight Control System incorporating Autonomous Way Point Navigation with Global Position Satellite updates.
- (ii) Programmed low altitude flight in clean configuration and in Tow body configuration.
- (iii) High G maneuver in both configurations.
- (iv) Mobile systems on three high-mobility vehicles in typical user configuration.
- (v) New features of Mobile Ground Control Station (GCS).

(c) & (d): Yes, Madam. On 20th December 2010, Lakshya-2 was programmed to fly at 25 meter above sea level and the objective was achieved. It flew for a distance of 10 Km at 25 meter with average altitude deviation of less than 1 meter. On 23rd December 2010, aircraft was programmed to fly at 150 meter and the tow body flew at approximately 50 meter altitude. The flight took place for the programmed leg length of 20 Km.

(e) DRDO is interacting with Armed Forces for Limited Series Production (LSP) order and industries as production partners.