

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
LOK SABHA
UNSTARRED QUESTION NO. : 4446
(To be answered on the 22nd March 2018)**

Use of Robotic Arms to Wash and Clean Aircraft

4446. **SHRI C.S. PUTTA RAJU**

Will the Minister of CIVIL AVIATION

नागर विमानतल मंत्री

be pleased to state:-

- (a): whether at present, more than 20 people have to work for 10 hours at a stretch on each airplane to ensure that the entire aircraft is clean, to provide flyers with the best hygiene possible and if so, the details thereof;
- (b): whether Delhi International Airport Ltd. (DIAL) and Air India have joined hands to bring in a new system from Sweden, which uses robotic arms to wash and clean an aircraft inside out and if so, the details thereof; and
- (c): the time by which this new technology is likely to come to enable them to save time, helping the airlines to increase their frequency?

ANSWER

Minister of State in the Ministry of CIVIL AVIATION

नागर विमानतल मंत्रालय में राज्य मंत्री

(Shri Jayant Sinha)

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- (a) and (b) : Delhi International Airport Ltd (DIAL) have awarded the concession of 'automated exterior aircraft cleaning' at IGI Airport through a tender process to Air India SATS (AISATS), a ground handling company. Currently AISATS uses automated robotic arms to clean only large aircrafts at IGIA, Air India is one of the customers of AISATS.
- (c): The automated exterior aircraft cleaning concession has been operationalized by AISATS at IGI airport from April, 2017. However, aircrafts do not require cleaning on a frequent basis, hence it does not affect the operational frequency of the aircraft.
