

**GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
LOK SABHA  
UNSTARRED QUESTION NO. : 1752  
(To be answered on the 28<sup>th</sup> December 2017)**

**DELAY/CANCELLATION OF FLIGHTS DUE TO FOG**

1752. **SHRI S.R. VIJAYAKUMAR  
SHRI T. RADHAKRISHNAN  
KUNWAR HARIBANSH SINGH  
SHRI GAJANAN KIRTIKAR  
SHRI SUDHEER GUPTA  
SHRI ASHOK SHANKARRAO CHAVAN**

**Will the Minister of CIVIL AVIATION**

**नागर विमानन मंत्री**

**be pleased to state:-**

- (a) whether a large number of flights, both domestic as well as international of various public and private sector airlines are delayed/cancelled due to dense fog during the winter season, if so, the details thereof;
- (b) the losses incurred by various airlines as a result thereof, airline-wise during the last three years and the current year;
- (c) the names of the airports which have installed CAT-IIIB system in the country at present;
- (d) whether there is a shortage of pilots in the country who are trained to fly under foggy condition;
- (e) if so, the details thereof and the reasons therefor; and
- (f) the steps taken by the Government to ensure minimal cancellation/delays/diversion of flights during winters due to fog?

**ANSWER**

**Minister of State in the Ministry of CIVIL AVIATION**

**नागर विमानन मंत्रालय में राज्य मंत्री**

**(Shri Jayant Sinha)**

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**(a): As per the traffic data submitted by the scheduled domestic airlines, details of cancellation percentage and number of flights delayed for the month of November-2016, December-2016, January-2017 & November-2017 is enclosed as Annexure-I.**

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**(b): The losses incurred by various airlines as a result of fog are not maintained by Directorate General of Civil Aviation (DGCA).**

**(c): Presently Delhi, Lucknow, Amritsar, Kolkata & Jaipur airports are installed with CAT-IIIB system.**

**(d) & (e): Scheduled airlines who operates narrow bodied aircrafts like Boeing-737, Airbus-320 etc, have qualified crews to undertake scheduled flights in foggy condition as per their requirements**

**(f): The following steps are taken by the Government in this regard:**

**(i) CAT- IIIB is installed at Delhi, Amritsar, Lucknow, Kolkata and Jaipur Airports.**

**(ii) ILS CAT-IIIB which permits landing (Arrivals) up to Runway Visual Range (RVR) up to 50 mtrs has been installed and operational at IGI Airport, Jaipur, Lucknow and Amritsar Airport.**

**(iii) Low visibility procedures for take-off when visibility/RVR is 550m have been formulated and promulgated at Patna, Bangalore, Varanasi, Ahmedabad and Guwahati Airport.**

**(iv) Preparatory meetings well before onset of winter season are conducted with all stakeholders and Federation of Indian Airlines (FIA) to ensure that SOPs formulated to minimize cancellation/diversion of flights during fog is followed meticulously.**

**(v) Advanced surface movement and guidance and control system (ASMGCS) along with surface movement Radar is installed at Delhi, Ahmedabad, Lucknow and Jaipur airports to ensure safety and efficiency of aircraft surface movement.**

**(vi) In addition to this, Jaipur, Amritsar, Udaipur, Varanasi, Lucknow, Nagpur, Ahmedabad, Indore, Vadodara, Bhopal, Bhubaneshwar, Trichy and Kolkata airports have been identified as diversionary airports. Necessary instructions have been issued to these airports for efficient/smooth operation management during fog/low visibility condition.**

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## ANNEXURE-I

## Cancellation:

Airlines	November-2016	December-2016	January-2017	November-2017
Vistara	0.68%	0.40%	1.13%	0.37%
SpiceJet	0.67%	1.66%	0.77%	0.56%
IndiGo	1.46%	2.83%	0.98%	0.14%
Jet Airways	0.94%	1.77%	0.63%	0.45%
Jet Lite	0.46%	1.40%	0.88%	1.80%
Air India	1.02%	1.91%	1.97%	1.04%
Go Air	1.60%	0.79%	1.75%	0.21%
Air Carnival	8.49%	12.03%	1.42%	-
Air Costa	0.62%	13.65%	1.21%	-
Trujet	4.06%	5.01%	4.17%	7.04%
Air Asia	0.00%	0.11%	0.91%	0.00%

## Delay:

Airlines	November-2016	December-2016	January-2017	November-2017
Vistara	343	522	689	573
SpiceJet	673	1151	1133	747
IndiGo	3301	4468	3387	2432
Jet Airways & Jet Lite	1788	2727	3161	3599
Air India	1299	1726	1825	1354
Go Air	707	867	972	963

Account	Balance	Debit	Credit	Balance
1000	1000			1000
1001	1000			1000
1002	1000			1000
1003	1000			1000
1004	1000			1000
1005	1000			1000
1006	1000			1000
1007	1000			1000
1008	1000			1000
1009	1000			1000
1010	1000			1000

Account	Balance	Debit	Credit	Balance
1011	1000			1000
1012	1000			1000
1013	1000			1000
1014	1000			1000
1015	1000			1000
1016	1000			1000
1017	1000			1000
1018	1000			1000
1019	1000			1000
1020	1000			1000

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