

**GOVERNMENT OF INDIA
CIVIL AVIATION
LOK SABHA**

UNSTARRED QUESTION NO:226

ANSWERED ON:19.11.2009

STUDY ON CARBON DIOXIDE EMISSION OF AIRLINES

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Will the Minister of CIVIL AVIATION be pleased to state:

- (a) whether the Directorate General of Civil Aviation (DGCA) has decided to conduct a study to verify claims by airlines that their Carbon Dioxide emission is on the decline;
- (b) if so, the details thereof;
- (c) the time by which the aforesaid study is likely to be conducted;
- (d) the share of aviation sector in the total carbon emissions during the last three years;
- (e) whether Government is taking steps to reduce the carbons footprint of aviation sector; and
- (f) if so, the steps taken in this regard?

Answer

MINISTER OF THE STATE (INDEPENDENT CHARGE) IN THE MINISTRY OF CIVIL AVIATION (SHRI PRAFUL PATEL)

(a), (b) and (c):- Yes, Sir. Directorate General of Civil Aviation (DGCA) has decided to commission a study to determine Carbon Di - Oxide (CO₂) emissions by airline aircraft in India and set up an emission database with 2005 as base year.As the proposal is yet in its preliminary stage, a time frame cannot be specified.

(d):- The global contribution of aviation sector in carbon emission is approximately 2% of the total emission. The contribution of individual countries including India has not been identified.

(e):- Yes, Sir.

(f):- DGCA has asked the airlines to cut the emissions by way of improvement in fuel efficiency; adhering to proper maintenance of aircraft and implementing weight reduction measures in their aircraft, etc.