

**GOVERNMENT OF INDIA  
MINISTRY OF CIVIL AVIATION  
LOK SABHA  
UNSTARRED QUESTION NO. : 1532  
(To be answered on the 15<sup>th</sup> December 2022)**

**SUSTAINABLE AVIATION FUEL**

**1532. SHRI RATANSINH MAGANSINH RATHOD**

**Will the Minister of CIVIL AVIATION**

**नागर विमानन मंत्री**

**be pleased to state:-**

- (a) whether the Government proposes the concept of sustainable aviation fuel among Indian airlines;**
- (b) if so, the details thereof; and**
- (c) the steps taken by the Government regarding Demonstration flight on blended fuel for lower carbon emission?**

**ANSWER**

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

**नागर विमानन मंत्रालय में राज्य मंत्री**

**(GEN. (DR) V. K. SINGH (RETD))**

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**(a) and (b) To realize the goals of decarbonisation of Aviation Sector, Ministry of Petroleum and Natural Gas (MoP&NG) had constituted a Bio-Aviation Turbine Fuel (ATF) Programme Committee to take forward the Bio-ATF programme in the country to promote use of clean fuels. The terms of reference of the Committee included, inter-alia, raw materials production/demand, technology, BIS Standards, effects on engine performance etc. The Committee has submitted its report to MoP&NG.**

**(c) SpiceJet, a private Indian carrier, had conducted a demonstration flight with Bombardier Q400 aircraft in August 2018 using bio-fuel blended with Aviation Turbine Fuel (ATF) (in the ratio of 25:75) in one engine. A ferry flight of new aircraft delivery from Toulouse to Delhi for Indigo (another private Indian carrier) took place in February 2022 with 10% blended Sustainable Aviation Fuel (SAF) provided by M/s Airbus. The data from above is being analysed for future actions.**

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