

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
RAJYA SABHA
UNSTARRED QUESTION NO : 1302
(TO BE ANSWERED ON THE 14th March 2022)**

5G CONCERNS ON AIRLINE OPERATIONS

1302. SHRI AYODHYA RAMI REDDY ALLA

Will the Minister of CIVIL AVIATION be pleased to state:-

- (a) the steps being undertaken by Government to address the impact by the launch of 5G mobile broadband services which can hinder airline operations across the country in next couple of years and
- (b) how Government is dealing with the widespread disruptions in air travel caused by concerns over the rollout of 5G services in the United States and their impact on radar altimeters and auto-pilot systems?

ANSWER

MINISTER OF STATE IN THE MINISTRY OF CIVIL AVIATION

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

(a) & (b) The frequency bands opened in the country for International Mobile Telecommunication (IMT) including 5G technology are as per the techno-regulatory conditions specified by the International Telecommunication Union and National Frequency Allocation Plan (NFAP)-2018. The frequency band identified for 5G technology is 3300-3670 MHz, which is sufficiently spaced out from the frequency band of 4200-4400 MHz, used for Radio Altimeter in the Aircraft and it is very unlikely to cause any interference with the operation of Radio Altimeters. To address the safety concerns arising due to roll out of 5G in USA, Federal Aviation Administration (FAA), USA issued Airworthiness Directive (AD) alongwith Alternative Method of Compliance (AMOC). The same have been mandated by DGCA and complied by the Indian scheduled carriers operating to USA.
