

**GOVERNMENT OF INDIA
MINISTRY OF CIVIL AVIATION
LOK SABHA
UNSTARRED QUESTION NO. : 842
(To be answered on the 21st July 2022)**

NEW NAVIGATION SYSTEM

842. SHRI GNANATHIRAVIAM S.

Will the Minister of CIVIL AVIATION

नागर विमानन मंत्री

be pleased to state:-

- (a) whether the Airport Authority of India (AAI) has any plan to introduce satellite based navigation system in place of old conventional ground based systems like radars;
- (b) if so, the details thereof; and
- (c) the manner in which it will help in increasing the flight operation and opening up possibilities of new air routes?

ANSWER

Minister of State in the Ministry of CIVIL AVIATION

नागर विमानन मंत्रालय में राज्य मंत्री

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

(a) to (c): GAGAN (GPS Aided Geo Augmented Navigation) is an Indian satellite based navigation system, developed jointly by Airports Authority of India (AAI) and Indian Space Research Organisation. GAGAN has been fully operationalised since May, 2015. It is capable of providing Navigation Services for departure, en-route and landing operations to suitably equipped aircraft. The system provides very accurate satellite signals with high level of integrity for precision air navigation over the entire Indian airspace.
