

**GOVERNMENT OF INDIA  
CIVIL AVIATION  
LOK SABHA**

UNSTARRED QUESTION NO:637  
ANSWERED ON:03.08.2011  
AVIATION FUEL  
Hussain Shri Syed Shahnawaz

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

- (a) whether the Government is aware that aeroplanes have to keep hovering over the runway before landing for want of signals by the Air Traffic Control resulting in the substantial wastage of aviation fuel;
- (b) if so, whether the Government has laid down any policy in this regard to save fuel and flight landing time; and
- (c) if so, the details thereof?

**Answer**

MINISTER OF OVERSEAS INDIAN AFFAIRS & MINISTER OF CIVIL AVIATION (SHRI VAYALAR RAVI)

- (a): Sometimes, aeroplanes have to hover because of bunching of flights due to bad weather, non-adherence of slots by airlines etc.
- (b) & (c): Government has not laid down any policy in this regard, however, the following measures have been taken in order to reduce delays and save fuel:
- (i) At the time of slot allocation, number of hourly movements is maintained in accordance with the runway capacity. (ii) Air Traffic Flow Management System has been planned to reduce holding in air. (iii) Performance Based Navigation (PBN) Procedures are in place at Delhi, Mumbai, Ahmedabad, Chennai, Kolkata, Bengaluru and Hyderabad. (iv) Improved ATC Procedures have been framed and Clearance Delivery Position has been established at Mumbai and Delhi airports. (v) The ATM Automation System at Mumbai and Delhi has been upgraded. (vi) New CNS/ATM automation system at 38 non-metro airports has been planned to handle traffic more efficiently. (vii) Additional sectors in ATC Units with additional control positions are being manned. (viii) Advanced Surface Movement Guidance and Control System (ASMGCS) along with Surface Movement Radar is operational at Delhi, Mumbai, Kolkata, Chennai, Bengaluru, Hyderabad airport. (ix) Cross Runway Operations at Mumbai and simultaneous use of two runways at Delhi has been implemented. (x) Rapid Exit Taxiways have been constructed at Delhi and Mumbai to reduce runway occupancy time. (xi) CAT-III ILS has been installed at three runway ends and CAT-II ILS has been installed at one runway end in Delhi.