GOVERNMENT OF INDIA
CIVIL AVIATION
LOK SABHA

UNSTARRED QUESTION NO:745
ANSWERED ON:29.07.2010
OPERATING COST OF AIRLINES
Gandhi Shri Feroze Varun

Will the Minister of CIVIL AVIATION be pleased to state:

(a) whether major airports in the country are facing logjams, resulting in high operating cost for airlines due to fuel wastage;

(b) if so, the reaction of the Government thereto and the steps taken in this regard; and

(c) the details of expansion activities going on at major airports?

Answer

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

(a): Madam, each scheduled flight is allocated a Fixed Departure and Landing time in Winter & Summer Schedule. The landing clearance is issued by Air Traffic Controllers to the each arriving aircraft as per their sequence for landing at concerned airport. When, due to any reason the flights can not adhere to the Fixed Landing time allocated to them, then, bunching of flights takes place. In such cases, the aircraft may have to hover in airspace waiting for their turn to land as per their sequence.

(b): As per the policy of the Government, airlines are required to adhere to the flight Schedule for better on-time performance. However, the following additional measures have been taken by Airports Authority of India (AAI) in order to reduce delay and save fuel:

(i) Performance Based Navigation (PBN) Procedures are already in place at Delhi, Mumbai, Ahmedabad, Chennai and Hyderabad. In the next phase, PBN Procedures will be implemented at Kolkata, Bangalore and Trivandrum airports, (ii) The ATM Automation System at Mumbai and Delhi are being further upgraded, (iii) Cross Runway Operations at Mumbai and simultaneous use of two runways at Delhi has been implemented, (iv) Rapid Exit Taxiways have been constructed at Delhi, Kolkata and Mumbai to reduce runway occupancy time, (v) Additional sectors in ATC Units with additional control positions are being manned,(vi) AAI has already undertaken the upgradation project of 35 non-metro airports to handle increased traffic at these airports,(vii) Advanced Surface Movement Guidance & Control System (ASMGCS) alongwith Surface Movement Radar is operational at Delhi airport, (viii) ASMGCS is being planned for Mumbai, Chennai and Kolkata airports, (ix) At the time slot allocation, number of hourly movements is maintained in accordance with the runway capacity, (x) ATC Automation of 38 airports is in progress, (xi) New integrated automation system for Chennai and Kolkata is being planned, (xii) CAT-II ILS has been installed at Kolkata. (xiii) Air Traffic Flow Management System is being worked out. (xiv) Improved ATC Procedures have been framed and Clearance Delivery Position have been established at Mumbai and Delhi airports, (xv) At Delhi airport, a third runway has already been made operational.

(c) The details of expansion activities going on at major airports are at Annexure I.

Annexure 1

Major CNS-ATM Projects under implementation

Automation of Air Traffic Control System at 38 airports.

Monopulse Secondary Surveillance Radar (MSSR) at 9 airports / locations.

New integrated Air Traffic Services Automation system at Chennai.

Voice Communication and Control System at 30 airports.

Instrument Landing System (ILS), Doppier VHF Omni Range (DVOR) and Distance Measuring Equipments (DME) are being provided at various airports where these facilities are not available in phases.

Non-Radar Procedural Air Traffic Control Simulator at Civil Aviation Training College, Allahabad and Training Centre, Gondia for training purposes for Air Traffic Controllers.

Airport Surveillance Radar (ASR) co-located with Monopulse Secondary Surveillance Radar (MSSR) at six airports.

Advanced Surface Movement Guidance & Control System for enhancing surveillance of aircrafts, vehicles in airport surface areas at 3 airports viz. Chennai, Kolkata & Mumbai.

Ground Based Augmentation System (GBAS) for augmenting the GPS aided Navigation at Mumbai and Delhi airports.

GAGAN, a satellite based implementation over Indian air space.

Work for commissioning of ASMGCS is in progress for Mumbai, Chennai and Kolkata airports.

ATC Automation of 38 airports is in progress.

Works Planned

New integrated ATS automation system at Kolkata.

Air Traffic Flow Management System is also planned for implementation which will permit smooth flow of arrival, departure and enroute phase of aircraft.