

## CHAPTER 23

### CIVIL AVIATION

The Civil aviation Sector witnessed a strong recovery during 2010 from the adverse impact of the recent global financial crisis. India's air traffic has grown by about 18 percent per year since 2004. The potential for higher levels of growth in the future is also very high. Industry forecast suggest that India will be the fastest growing civil aviation market in the world by 2020 with about 420 million passengers being handled by the Indian Airport System as against 140 million in 2010.

The Ministry of Civil Aviation is the authority responsible for policy formulation, development and regulation of the Civil Aviation industry in India. The Ministry oversees the planning and implementation of growth and expansion programmes in the civil aviation sector, airport infrastructure and air navigation services.

Air Transport Directorate, of Office of The Director General of Civil Aviation under the Ministry of Civil Aviation governed the Air Transport Services in the country by the Rule 134 and Schedule XI of Aircraft Rules 1937. Besides this, the Civil Aviation Requirements (CAR) Section 3 Series C Part I to VI deal with the minimum requirements and procedures for issue/renewal of Scheduled/Non-Scheduled Operators Permit in different categories like passenger/cargo/charter.

The Statistics Division of the Air Transport Directorate is responsible for maintaining data on aviation parameters governed by this rule. Schedule XI of the Aircraft Rules, 1937 lays down that every person to whom a permit has been granted by DGCA under the Schedule shall submit to the DGCA the following:

- Monthly returns regarding the operations of the permitted air transport services
- Annual returns showing the financial results of the services or operations during each calendar year.

In compliance of above convention and Aircraft Act, the Statistical Division collects data pertaining to Civil Aviation from various sources viz. National Carriers, Private Operators – both scheduled and non-scheduled, Foreign Airlines and airports managed by Airports Authority of India.

At the moment 10 airlines are operating (four public carriers and 6 private carriers). Data from these scheduled air carriers is collected as per ICAO prescribed forms A, AS, B, C, D and EF, details of which are given in the table below.

| <b>TABLE-1: ICAO Prescribed Forms for Collection of Civil Aviation Statistics</b> |   |                          |
|---|---|--------------------------|
| <b>Form No.</b>   | <b>Subject</b>  | <b>Frequency</b>         |
| <b>Form-A</b>   | Traffic- Commercial Air Carriers  | Monthly/Quarterly/Annual |
| <b>Form-AS</b>  | Summary Forms (Traffic)   | Annual                   |
| <b>Form-B</b>   | On-Flight Origin and Destination (Scheduled Services (Rev.)- International operations | Quarterly                |
| <b>Form-C</b>   | Traffic by Flight Stage (Scheduled Services (Rev.)- International operations          | Annual                   |
| <b>Form-D</b>   | Fleet & Personnel- Commercial Air Carriers  | Annual                   |
| <b>Form-EF</b>  | Financial Data- Commercial Air Carriers   | Annual                   |

Besides the Indian carriers, foreign airlines also carry passengers to and from India. Monthly data on flights operated, number of passengers and amount of freight carried is collected from each airline. Passenger and freight traffic for the country as a whole as also city-pair and country wise are published annually and from 2010, this data is also being uploaded quarterly.

From the non-scheduled operators, data on number of flights operated as also the passengers carried is collected monthly. From the financial year 2008-09, data is also being collected as per ICAO prescribed forms A, D and EF. Data is collected every month from each airport on the aircraft movement, passengers embarked and disembarked and freight & mail loaded and unloaded.

Airport Development as part of the restructuring and modernization of metro airports, Delhi and Mumbai airports are being restructured and modernized. Phase – 1 of the development work of the Indira Gandhi International Airport (IGIA) Delhi has already been completed with the operationalization of Terminal-3. Similarly development work at Mumbai, Chennai and Kolkatta will be completed very soon.

#### Highlights.

- Number of domestic passengers carried by Indian scheduled operators have an increasing trend however, in 2010-11 the increase in number of domestic passengers carried over 2009-10 is 18.8% only.

- Domestic cargo transported by air increased from 3.7 million in 2009-10 to 4.3 million in 2010-11 registering a growth rate of about 18 %.
- At present 12 scheduled airlines are operated (10 passengers and 2 cargo)
- Number of International passengers have increased by 13.3 % in 2010-11 over 2009-10, whereas hours flown in International service has increased by 6% only.
- There is an increasing trend for cargo carried (freight) for international service also. In 2010 -11 the growth observed in this area is 19% over the previous year.

**This chapter contains the following tables:**

**Table 23.1** - Indian Scheduled Operations up to 2010-11

**Table 23.2** - Total Traffic and Operating Statistics of Air India on Non-scheduled Revenue Services 2010