

Practical exercises

Airports

Problem No. 11

Recall problem No.1:

Air carrier: ZACK (ZA), India

Aircraft type	No. of seats	Total revenue payload (kg)	Itinerary
Boeing 777 200	326	52 000	BOM-DEL-LON-NYC

Traffic data:

Aircraft Type	Flight stage	Distance (km)	Flight time (hours)	Destination	Revenue passengers	Revenue freight (kg)
Boeing 777 200	BOM-DEL	1100	2.0	DEL	110	0
				LON	60	3500
				NYC	70	4000
	DEL-LON	6700	4.0	LON	80	2500
				NYC	75	4500
				LON-NYC	5500	7.5

The following additional data were received for flight ZA 040 shown in Problem No.1:

- a) Of the 240 passengers that embarked in Mumbai (BOM) , 200 originated from that metropolitan region;
- b) In Delhi 95 passengers terminated their air journey and 125 initiated theirs;
- c) In London, 80 passengers terminated their air journey and 50 initiated their trip to New York;
- d) Of all the passengers on-board flight ZA 040 arriving at New York's airport, 140 terminated their journey in that city.

Please indicate in the table below the number of passengers at each departure and arrival of flight ZA 040 which were: local traffic, direct transit and transfers.

Passenger	BOM	DEL		LON		NYC
	departed	arrived	departed	arrived	departed	arrived
Local traffic						
Direct transits						
Transfers						
Total on-board						