

NATIONAL TRANSPORT RESEARCH CENTRE

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INVENTORY
OF
AIR TRANSPORT FACILITIES

NTRC-175

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ABBREVIATIONS

1.	Asph	-	Asphalt
2.	AC	-	All Currencies
3.	AH	-	Airport Hotel
4.	AR	-	Airport Road
5.	AV	-	Available
6.	Bit	-	Bitumen
7.	B	-	Brick
8.	Con	-	Concrete
9.	Cf	-	Classified
10.	CH	-	Concourse Hall
11.	Cem	-	Cemented
12.	Comp	-	Compacted
13.	D.M.E	-	Distance Measuring Equipment
14.	DA	-	Domestic Arrival
15.	Flex	-	Flexible
16.	IA	-	International Arrival
17.	I.L.S	-	Instrument Landing System
18.	M	-	Macadam
19.	MH	-	Midway House
20.	MS	-	Mobile Service
21.	N	-	No
22.	N.D.B	-	Non-Directional Radio Beacon
23.	PP	-	PAF Property
24.	P	-	Pebbles
25.	R	-	Rigid
26.	T	-	Terminal
27.	T.D.M.E	-	Touchdown Distance Measuring Equipment
28.	UG	-	Underground
29.	UT	-	Untreated
30.	V.O.R	-	Very High Frequency Omnidirectional Radar Range
31.	Y	-	Yes
32.	" - "	-	Not Available

Executive Summary

The transport inventory is a large data collection exercise that allows the planner to gain complete understanding of the nature and scale of existing facilities at the airport. In view of prime importance of Civil Aviation, a study for an Inventory of Air Transport Infrastructure Facilities and Services has been carried out. The resulting data is obtained from the various agencies related to Civil Aviation. The data was collected through correspondence and personal visits with the concerned agencies and airports.

The data received from the agencies has been computerized, agency wise. The inventory relates to the period 1989-91. The data pertaining to the newly constructed Jinnah Terminal Building is included in Annexure-I. The study does not include the newly constructed Domestic Departure lounge at Islamabad International Airport. Salient features of the study are as follow:

1. Status of the Airports: There are a total of thirty six (36) Airports which includes six (6) International Airports and thirty (30) Domestic Airports. Of the six International Airports, Punjab and Sindh have two each while NWFP and Baluchistan have one each. Of the thirty Domestic Airports, Baluchistan has ten, Sindh six, Punjab and NWFP five each, and Northern Areas and Azad Kashmir (AJK) two each.

2. Area of Airports: The area of six International Airports in acres ranges from a minimum of 16 at Peshawar to a maximum of 3504 at Karachi. The average of area for the six International Airports is 956.

The area of the thirty Domestic Airports in Acres ranges from a minimum of 73 at Chitral to a maximum of 1730 at Jiwani, the average being 447.

3. Number of Runways: The number of Runways for International Airports vary from 1 at Peshawar, Quetta and Gwadar to 2 at Islamabad, Lahore and Karachi.

The number of runways for Domestic Airports are 2 at Faisalabad, Hyderabad and Mohenjodaro. The remaining twenty seven Domestic Airports, have only one runway each.

4. Runway Length: The length of Runways in meters for International Airports ranges from a minimum of 1,524 at Gwadar to a maximum of 3,658 at Quetta, with average of 2,684.

The length of runways in meters for Domestic Airports ranges from a minimum of 914 at Rawalakot to a maximum of 3,049 at Nawabshah. The average being 2,065 meters.

5. Runway Width: The width of Runways in meters for International Airports ranges is 46 with the exception of Gwadar, where it is 23.

The width of Runways in meter for Domestic Airports ranges from a minimum of 23 (seven airports) to a maximum of 46 (eight airports).

6. Runway Strength: The LCN of Runways for International Airports ranges from a minimum of 20 at Gwadar to a maximum of 85 at Lahore. The average value being 60.

The LCN of runways for Domestic Airports ranges from a minimum of 10 (ten airports) to a maximum of 70 at Faisalabad, with the average of 26.

7. Number of Taxiways: The number of Taxiways at the International Airports ranges from a minimum of 1 at Gwadar to a maximum of 12 at Lahore, the average number being 5.

The number of taxiways at the Domestic Airports ranges from a minimum of zero (four airports) to a maximum of 3 at Multan, Mirpur Khas, Skardu and Gilgit.

8. Capacity of Aprons: The capacity of Aprons at International Airports ranges from a minimum of 2 F27 at Gwadar to maximum of 26 (13 Boeing-747, 9 Airbus/DC10, 3-B737 and 1-F27) at Karachi.

The capacity of Aprons at Domestic Airports ranges from minimum of 1 F-27 at Sukkur, Gilgit and Panjgur to a maximum of 4 C-130 and 1 B-737 at Skardu.

9. Passenger Seating Capacity: The passenger seating capacity for International Airports ranges from a minimum of 400 to a maximum of 2998.

The passenger seating capacity for Domestic Airports ranges from a minimum of 400 to a maximum of 1100.

10. Parking Capacity: The Vehicle Parking Capacity for the International Airports ranges from a minimum of 28 at Gwadar to a maximum of 2000 at Karachi, the average being 695 per International Airport.

The Vehicle Parking Capacity for Domestic Airports ranges from a minimum of 1 at Hyderabad to a maximum of 271 at Faisalabad, the average being 50 per Domestic Airport.

Conclusions: The following conclusions are drawn from the study:

1. The number of airports appears to be appropriate at the present stage of development as all the important cities have been linked.
2. The number of international airports are perhaps marginally more than what would be considered minimum for a country of the size and regional population density as of Pakistan.

3. Except for Gwadar, the facilities at the international airports including terminal building, parking area, navigational aids, etc. are reasonable.
4. The greatest deficiency seems to be the length of runway and navigation facilities even at the international airports.
5. Most of the domestic airports are in varying stages of development and need to grow in line with the traffic demand.

INTRODUCTION

The ever increasing air traffic and introduction of bigger and wide bodied aircrafts is bound to cause saturation at lounges and aircraft parking areas resulting in difficulty for passengers and airport staff. This underlines the necessity of further expansion and upgradation of facilities available at the airports.

The Research Programme of National Transport Research Centre for the Seventh Plan calls for initiating second level of details i.e. information regarding Transport Infrastructure Inventories. To achieve the objective, and in view of prime importance of Civil Aviation, a study had been formulated to prepare Inventory of Air Transport Infrastructure Facilities and Services.

Objectives:

In this study the technical data of airports and its allied facilities obtained from various functioning organization/agencies at the airports is to identify all the physical facilities available at the airports and to provide frame work for future development and expansion of airports.

Methodology:

The study is based on collection of information from various agencies operating at the airports, major agencies being CAA, PIA and ASF. Accordingly a questionnaire was prepared for International, and Domestic Airports which included the following variables:-

1. Length, width and strength of Runways, Taxiways and Aprons.
2. Plinth area, total floor area of Terminal Buildings.
3. Passenger Seating Capacity and Area of VIP Lounges, International Arrival and Departure Lounges, Domestic Arrival and Departure Lounges.
- 3-a. Passenger facilitation equipments.
4. Vehicle Parking Capacity.
5. Navigational Aids available at the airport.
6. Number of employees of CAA, PIA, ASF, Immigration, Customs.
7. Cargo/Passenger Handling Facilities provided by PIA, Customs and Immigration department.
8. Meteorological facilities provided by Met. Deptt. at various airports.

It was ensured that each agency be approached in isolation to collect the requisite information. It was observed that in some cases the data collected was incomplete, inconsistent and often conflicting.

The data received from various agencies was compiled, computerized and tabulated at one place to check its accuracy and consistency and finally retrieve the data when required.

Data Source:

The leading sources for data collection are as follows:

- | | |
|------------------------------------|---------------------------------|
| 1. Civil Aviation Authority | 9. Telegraph & Telephone Deptt. |
| 2. Pakistan International Airlines | 10. Post Office. |
| 3. Airport Security Forces. | 11. Banks. |
| 4. Shaheen Airport Services. | 12. Plant Protection. |
| 5. Meteorological Department. | 13. Airport Police. |
| 6. Immigration. | 14. Rent a Car Service. |
| 7. Customs. | 15. Tourism. |
| 8. Health. | 16. Transit Hotel and Airports. |

Table-1 (International Airports)

DESCRIPTION	NAME OF AIRPORTS					
	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI
CIVIL AVIATION AUTHORITY, CAA						
Reference Point	3337	3031	3015	2516	3359	2454
Distance from City (km)	7306	7424	6656	6221	7131	6709
Elevation (m)	3	13	14	12	2	16
Reference Temperature (Degrees C)	507	217/215	1600	29	360	30
No. of Total Employees	40	41	38	21	40	36
Total Area (Acres)	750	784	144	29	229	3993
	654	824	36	700	8	5547
RUNWAYS						
No. of Runways	2	2	1	1	1	2
Type of Runway Pavement	R	Con/Flex ++	Flex	Flex	Flex	CON/BIT
Strength of Runway Pavement (LCN)	85/55	85/50	70	20	70	83/18
Length of Runway (m)	2743/2515	2743/2743	3658	1524	2743	3200/2286
Width of Runway (m)	45/46	46/46	46	23	46	46/46
Runway Orientation	12/30	18/36 / 18/36	13/31	06/24	17/35	25/07
TAXIWAYS						
No. of Taxiways	2	12	2	1	2	10
Type of Taxiway Pavement	R/Flex	Bit/Asp/Con	R/Flex	Bit	R/Flex	CON
Strength of Taxiway Pavement (LCN)	65/45	45/80/85/30	70/30	10	30/65	83
APRONS						
No. of Aprons	3	3	3	1	1	1
Type of Apron Pavement	R	Con	R	Cem	R	CON
Strength of Apron Pavement (LCN)	35/45/65	30/83	70/70/30	7	30/65	83
Area (sqm)	83360	63854	29318	6693	20680	436630
Capacity	11 Bays	10 Bays	2-F27	2-F27	1-Airbus	26 Bays
	4-B747	2-B747	2-Jet A/C	1-B737	1-B737	13-Jumbo
	6-B737	5-B737	B737/Airbus	2-Fokker	2-Fokker	9-Airbus/DC-10
	5-F727	1-B707		+++	+++	3-737
		2-Airbus				1-F27
		1-707				
TERMINAL BUILDINGS						
No. of Terminal Building	1	1	1	1	1	2
Plinth Area of Terminal Building (sq.m)	13600	7864	6060	666	5429	10701
Total Floor Area of Terminal Building (sq.m)	13600	6360	72	300	14021	10701

* Int'l Flights suspended
 ++ Con. (6300m) Flex. (2700m)
 +++ Apron for LCN 86 unfit for B747

Table-1 (Contd)

DESCRIPTION	NAME OF AIRPORTS					
	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI
CIVIL AVIATION AUTHORITY, CAA						
TERMINAL LOUNGE AREAS						
No. of Total VIP/VIP/CIP Lounges	4	4	1	1	2	2
Total Seating Capacity	164	124	19	6	58	126
Total Int'l Arrival Lounge Area (sq.m)	1967	977	450	200	1026	4218
Passenger Seating Capacity	500	300	200	300	300	1248
Total Int'l Departure Lounge Area (sq.m)	903	425	418	300	438	2192
Passenger Seating Capacity	500	252	200	200	270	1750
Total Domestic Arrival Lounge Area (sq.m)	754	1354	343	200	602	1100
Passenger Seating Capacity	500	500	200	300	300	550
Total Domestic Departure Lounge Area (sq.m)	892	826	418	300	436	1331
Passenger Seating Capacity	500	404	200	300	280	500
PASSENGER FACILITATION EQUIPMENTS						
No. of Total Seats in Lounges	1906	978	453	100	660	3167
No. of Conveyor Belts in Int'l Arrival Lounge	3	1	1	-	1	2
No. of Conveyor Belts in Int'l Departure Lounge	1	2	1	-	2	2
No. of conveyor Belts in Domestic Arrival Lounge	2	1	1	-	1	2
No. of conveyor Belts in Domestic Departure Lounge	1	1	1	-	1	2
No. of Total Passenger Baggage Trolleys	768	433	119	-	202	1098
No. of Total Electric Water Coolers	11	8	16	-	12	26
No. of Electric Hand Dryers	11	24	17	-	11	30
No. of Total Geysers	8	1	8	-	12	-
CAR PARK						
Total VIP/Public/Employee Parking Area (sq.m)	18968	9937	5552	1200	7164	90000
Total Vehicle Parking Capacity	736	718	210	20	487	2000
RESTAURANTS						
Total Restaurants Area (sq.m)	350	882	187	-	-	-
Total Restaurant Seating Capacity	150	198	70	-	-	120
No. of Total Restaurant Employees	24	28	8	-	-	24
SNACK BARS						
Total Snack Bar Area (sq.m)	38	80	41	-	17	40
Total Snack Bar Seating Capacity	90	48	60	-	24	-
No. of Total Snack Bar Employees	36	48	10	-	11	12

* Int'l Flights Suspended
 # One-Belt available common for Int'l & Domestic Dep.

Table-1 (Contd)

DESCRIPTION	NAME OF AIRPORTS					
	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI
CIVIL AVIATION AUTHORITY, CAA						
SHOPS						
No. of Total Shops	4	5	3	1	-	3
Total Area Shops (sq.m)	22	50	16	6	-	82
No. of Total Shop Employees	10	11	3	2	-	14
AIRPORT MANAGEMENT OFFICES						
No. of Airport Management Offices	37	17	10	1	7	6
Total Area of Airport Management Offices (sq.m)	674	2756	270	12	149	162
No. of Total Airport Management Employees	674	796	5	3	21	35
CAA MEDICAL FACILITIES						
No. of Medical Doctors	1	1	1	-	-	-
No. of Paramedics	5	3	3	-	1	-
No. of Ambulances	3	2	1	-	1	-
No. of Total CAA Medical Employees	6	5	3	-	1	-
MAINTENANCE FACILITIES						
No. of Equipments used for Maintenance of:						
Runway Taxiway & Apron	2	3	1	-	-	679
Terminal Building	35	-	2	-	-	181
Car Park	-	3	-	-	-	256
MAINTENANCE PERSONNEL OFFICES						
No. of Maintenance Personnel Offices	8	3	2	-	5	-
Total Area of Maintenance Personnel Offices (sq.m)	127	80	40	-	63	-
No. of Total Maintenance Personnel Employees	225	146	16	-	63	-
AIR TRAFFIC CONTROL						
No. of Air Traffic Control Offices	17	5	1	-	6	5
Total Area of Air Traffic Control Offices (sq.m)	414	545	-	-	17	-
No. of Total Air Traffic Control Employees	65	83	-	-	30	-

* Int'l Flights Suspended

Table-1 (Contd)

DESCRIPTION	NAME OF AIRPORTS			
	ISLAMABAD	LAHORE	* QUETTA	GWADAR PESHAWAR KARACHI
CIVIL AVIATION AUTHORITY, CAA				
M. T. SECTION				
Total Area of M.T. Section (sq.m)	400	769	1672	75
No. of Total M.T. Section Vehicles	40	21	15	11
No. of Total M.T. Section Employees	80	41	12	13
FUEL STORAGE				
No. of Fuel Storage Offices	243	92	-	1
Total Area of Fuel Storage Offices (sq.m)	61	28	-	18
No. of Total Fuel Storage Employees	11	8	1	10
No. of Total Ground Tanks	7	5	-	3
No. of Total Fuel Bowsers	-	-	-	4
FIRE STATION				
No. of Total Fire Station Offices	1	2	-	1
Total Area of Fire Station (sq.m)	7	563	-	18
No. of Total Fire Brigades/Bowsers	1	9	81	10
No. of Total Fire Station Employees	36	101	3	3
CONTROL TOWER				
No. of Control Tower Offices	PP	1	1	1
Range of Control (NM Round)	AV	4	108	10
Height of Tower (m)	AV	14	45	23
Total Covered Area (sq.m)	AV	18	16	16
No. of Total Employees	PP	40	-	10
NAVIGATIONAL AIDS				
N.D.B	AV	AV	AV	AV
V.O.R	AV	AV	AV	AV
D.M.E	AV	AV	AV	AV
I.L.S Localizer	AV	AV	AV	AV
I.L.S Glide Path	AV	AV	AV	AV
T.D.M.E	AV	AV	AV	AV
Approach Lights	AV	AV	AV	AV
Runway Lights	AV	AV	AV	AV
		Portable		
* Int'l Flights Suspended				

Table-2 (Domestic Airports)

DESCRIPTION	NAME OF AIRPORTS		(Lat.) North: (Long.) East:	2823 7016	3012 7125	3122 7260	3233 N 7133 E
	CIVIL AVIATION AUTHORITY, CAA	RAHIMYAR KHAN ! BAHAWALPUR ! MULTAN ! FAISALABAD ! MIANWALI !					
Reference Point				2920 7142	3012 7125	3122 7260	3233 N 7133 E
Distance from City (km)				83	4	8	8
Elevation (m)				116	122	185	210
Reference Temperature (Degrees C)				39	38	37	48
No. Of Total Employees				22	218	154	10
Total Area (Acres)				120	182	596	
RUNWAYS							
No. of Runways				1	1	2	1
Type of Runway Pavement				Flex	Flex	Flex/R	Asph
Strength of Runway Pavement (LCN)				68	65	45	25
Length of Runway (m)				2743	2743	2825/2743	3049
Width of Runway (m)				30	30	31	46
Runway Orientation				04/22	18/36	03/21	06/24
TAXIWAYS							
No. of Taxiways				1	3	2	1
Type of Taxiway Pavement				Con	Flex	Flex/R	Asph
Strength of Taxiway Pavement (LCN)				69	30/30/70	30/70	25
APRONS							
No. of Aprons				1	2	2	1
Type of Apron Pavement				Bit	R	R	Cem
Strength of Apron Pavement (LCN)				10	65	70/30	
Area in sqm				961		6279	
Capacity					2-F27	2-F27	
TERMINAL BUILDINGS							
No. of Terminal Building				1	1	1	1
Plinth Area of Terminal Building (sq.m)				347	1449	2150	212
Total Floor Area of Terminal Building (sq.m)				347	1116	2150	212

Table-1 (Contd)

DESCRIPTION	NAME OF AIRPORTS		
	ISLAMABAD	LAHORE	* QUETTA GWADAR PESHAWAR KARACHI
CIVIL AVIATION AUTHORITY, CAA			
SHOPS			
No. of Total Shops	4	5	-
Total Area Shops (sq.m)	22	50	1
No. of Total Shop Employees	10	11	6
AIRPORT MANAGEMENT OFFICES			
No. of Airport Management Offices	37	17	1
Total Area of Airport Management Offices (sq.m)	674	2756	12
No. of Total Airport Management Employees	674	796	13
CAA MEDICAL FACILITIES			
No. of Medical Doctors	1	1	-
No. of Paramedics	5	2	-
No. of Ambulances	2	2	-
No. of Total CAA Medical Employees	6	5	-
MAINTENANCE FACILITIES			
No. of Equipments used for Maintenance of:			
Runway, Taxiway & Apron	2	3	-
Terminal Building	35	-	-
Car Park	-	3	-
MAINTENANCE PERSONNEL OFFICES			
No. of Maintenance Personnel Offices	8	3	-
Total Area of Maintenance Personnel Offices (sq.m)	127	80	-
No. of Total Maintenance Personnel Employees	225	146	-
AIR TRAFFIC CONTROL			
No. of Air Traffic Control Offices	17	5	-
Total Area of Air Traffic Control Offices (sq.m)	414	545	-
No. of Total Air Traffic Control Employees	65	83	-

* Int'l Flights Suspended

Table-1 (Contd.)

DESCRIPTION	NAME OF AIRPORTS		
	ISLAMABAD	LAHORE	QUETTA GWADAR PESHAWAR KARACHI
CIVIL AVIATION AUTHORITY, CRA			
M.T SECTION			
Total Area of M.T Section (sq.m)	769	1672	75
Total Area of M.T Section Vehicles	21	15	11
No. of Total M.T Section Employees	41	12	13
FUEL STORAGE			
No. of Fuel Storage Offices	2	-	1
Total Area of Fuel Storage Offices (sq.m)	92	-	18
No. of Total Fuel Storage Employees	28	-	10
No. of Total Ground Tanks	8	1	3
No. of Total Fuel Bowers	5	-	4
FIRE STATION			
No. of Total Fire Station Offices	2	-	1
Total Area of Fire Station (sq.m)	563	-	PP
No. of Total Fire Brigades/Bowers	9	81	PP
No. of Total Fire Station Employees	101	8	PP
CONTROL TOWER			
No. of Control Tower Offices	1	-	1
Ranger of Control (NM Round)	4	-	10
Height of Tower (m)	14	108	23
Total Covered Area (sq.m)	18	45	16
No. of Total Employees	40	16	10
NAVIGATIONAL AIDS			
N.D.B	AV	AV	AV
V.O.R	AV	AV	AV
D.M.E	AV	AV	AV
I.L.S Localizer	AV	-	-
I.L.S Glade path	AV	-	-
T.D.M.E	AV	-	-
Approach Lights	AV	AV	AV
Runway Lights	AV	Portable	AV

* Int'l Flights Suspended

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS				
	RAHIMYAR KHAN	BAHAWALPUR	MOLTAN	FAISALABAD	MIANWALI
CIVIL AVIATION AUTHORITY, CAA					
TERMINAL LOUNGE AERAS					
No. of Total VIP/VIP/CIP Lounges	12	12	29	20	5
Total Seating Capacity				338	15
Total Domestic Arrival Lounge Area (sq.m)	42	39	200	200	7
Passenger Seating Capacity	12	12	150	200	67
Total Domestic Departure Lounge Area (sq.m)	49	94	361	200	24
Passenger Seating Capacity	40	60	250		
PASSENGER FACILITATION					
No. of Total Seats in Lounges	52	72	285	390	31
No. of Total Conveyor Belts	1	-	2	2	1
CAR PARK					
Total VIP/Public/Employee Parking Area (sq.m)	947	937	1982	517	1004
Total Vehicle Parking Capacity	24	20	56	271	16
AIRPORT MANAGEMENT OFFICES					
No. of Airport Management Offices	1	4	12	3	2
Total Area of Airport Management Offices (sq.m)	140	-	210	279	184
No. of Total Airport Management Employees	13	6	32	154	15
CAA MEDICAL FACILITIES					
No. of Medical Doctors	1	-	15	1	-
No. of Paramedics	-	-	15	-	-
No. of Ambulances	1	1	1	1	1
No. of Total CAA Medical Employees	-	1	3	1	-
MAINTENANCE PERSONNEL OFFICES					
No. of Maintenance Personnel Offices	-	-	1	1	-
Total Area of Maintenance Personnel Offices (sq.m)	-	-	16	13	-
No. of Total Maintenance Personnel Employees	-	-	26	11	-
AIR TRAFFIC CONTROL					
No. of Air Traffic Control Offices	MS	1	2	1	PP
Total Area of Air Traffic Control Offices (sq.m)	-	18	19	13	PP
No. of Total Air Traffic Control Employees	2	2	10	6	PP

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS	
CIVIL AVIATION AUTHORITY, CAA	RAHIMYAR KHAN ! BAHAWALPUR !	MULTAN ! FAISALABAD ! MIANWALI !
M.T SECTION		
Total Area of M.T Section (sq.m)	76	234
No. of Total M.T Section Vehicles	4	11
No. of Total M.T Section Employees	4	6
Fuel Storage Facilities Available (Y/N)	N	Y
FIRE STATION		
No. of Total Fire Station Offices	1	1
Total Area of Fire Station (sq.m)	76	200
No. of Total Fire Brigades/Bowsers	1	4
No. of Total Fire Station Emergency Equipments	1	1
No. of Total Fire Station Employees	3	22
CONTROL TOWER		
No. of Control Tower Offices	MS	1
Range of Control (NM Round)	60	4
Height of Tower (m)	-	17
Total Covered Area (sq.m)	-	28
No. of Total Employees	2	8
NAVIGATIONAL AIDS		
N.D.B	AV	AV
V.O.R	AV	AV
D.M.E	AV	AV
I.L.S Localizer	AV	AV
I.L.S Glide Path	AV	AV
T.D.M.E	AV	AV
Runway Lighting	AV	AV
Approach Lighting	AV	AV

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS		Reference Point	(Lat.) (Long.)	North: East:	2539 6902	2613 6823	2720 6811	2744 6847	2818 6827
	HYDERABAD ! MIRPURKHAS ! NAWABSHAH ! MOHENJO DARO ! SUKKUR ! JACOBABAD									
CIVIL AVIATION AUTHORITY, CAA										
Reference Point										
Distance from City (km)										
Elevation (m)										
Reference Temperature (Degrees C)										
No. of Total Employees										
Total Area (Acres)										
RUNWAYS										
No. of Runways										
Type of Runway Pavement										
Strength of Runway Pavement (LCN)										
Length of Runway (m)										
Width of Runway (m)										
Runway Orientation										
TAXIWAYS										
No. of Taxiways										
Type of Taxiway Pavement										
Strength of Taxiway Pavement (LCN)										
APRONS										
No. of Aprons										
Type of Apron Pavement										
Strength of Apron Pavement (LCN)										
Area (sqm)										
Capacity										
TERMINAL BUILDINGS										
No. of Terminal Building										
Plinth Area of Terminal Building (sq.m)										
Total Floor Area of Terminal Building (sq.m)										

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS					
	HYDERABAD	MIRPURKHAS	NAWABSHAH	MOHENJO DARO	SUKKUR	JACOBABAD
CIVIL AVIATION AUTHORITY, CAA						
TERMINAL LOUNGE AREAS						
No. of Total VVIP/VIP/CIP Lounges	1	1	1	1	1	2
Total Seating Capacity	12	18	40	17	17	29
Total Domestic Arrival Lounge Area (sq.m)	208	370	107	70	267	49
Passenger Seating Capacity	12	10	45	-	20	49
Total Domestic Departure Lounge Area (sq.m)	436	370	107	180	322	49
Passenger Seating Capacity	44	30	45	45	110	110
PASSENGER FACILITATION						
No. of Total Seats in Lounges	56	70	108	44	130	48
No. of Total Conveyor Belts	-	-	2	1	1	-
CAE PARK						
Total VIP/Public/Employee Parking Area (sq.m)	2654	540	1097	979	929	778
Total Vehicle Parking Capacity	1	10	44	240	46	21
AIRPORT MANAGEMENT OFFICES						
No. of Airport Management Offices	3	1	2	3	2	2
Total Area of Airport Management Offices (sq.m)	45	30	133	402	225	12
No. of Total Airport Management Employees	27	2	10	4	38	4
CAA MEDICAL FACILITIES						
No. of Medical Doctors	3	-	1	-	1	-
No. of Paramedics	1	-	1	-	1	-
No. of Ambulances	1	-	1	-	1	-
No. of Total CAA Medical Employees	4	-	3	-	3	-
MAINTENANCE PERSONNEL OFFICES						
No. of Maintenance Personnel Offices	-	-	3	-	2	-
Total Area of Maintenance Personnel Offices (sq.m)	-	-	180	-	-	-
No. of Total Maintenance Personnel Employees	-	-	19	33	-	-
AIR TRAFFIC CONTROL						
No. of Air Traffic Control Offices	1	1	1	-	1	1
Total Area of Air Traffic Control Offices (sq.m)	6	-	16	-	78	7
No. of Total Air Traffic Control Employees	3	-	5	-	2	-

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS				
	HYDERABAD	MIRPURKHAS	MOHENJO DARO	SUKKUR	JACOBABAD
CIVIL AVIATION AUTHORITY, CAA					
M.T SECTION					
Total Area of M.T Section (sq.m)	30	910	5	56	68
No. of Total M.T Section Vehicles	7	1	2	11	3
No. of Total M.T Section Employees	4	5		17	3
Fuel Storage Facilities Available (Y/N)	N	N	N	N	N
FIRE STATION					
No. of Total Fire Station Offices	1	1	1	2	1
Total Area of Fire Station (sq.m)	55	220	186	56	8
No. of Total Fire Brigades/Bowsers	4	2	1	1	2
No. of Total Fire Station Emergency Equipments	2	29	AV	18	2
No. of Total Fire Station Employees	10	10	6	18	2
CONTROL TOWER					
No. of Control Tower Offices	1	1	1	1	1
Range of Control (NM Round)	43	50	5	4	4
Height of Tower (m)	14	UG	24	13	13
Total Covered Area (sq.m)	6	30	13	78	7
No. of Total Employees	2	PP	2	7	7
NAVIGATIONAL AIDS					
N.D.B	AV	AV	AV	AV	AV
V.O.R	AV	AV	AV	AV	AV
D.M.E	AV	AV	AV	AV	AV
I.L.S Localizer	AV	AV	AV	AV	AV
I.L.S Glide Path	AV	AV	AV	AV	AV
T.D.M.E	AV	AV	AV	AV	AV
Runway Lights	AV	AV	AV	AV	AV
Approach Lights	AV	AV	AV	AV	AV

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS									
	* SIBBI	SUI	KHUZZAR	PANJGUR	TURBAT	PASNI	JHAWI	ZHOB	DALBANDIN	ORMARA
CIVIL AVIATION AUTHORITY, CAA										
Reference Point	2934	2838	2746	2657	2559	2517	2505	3121	285245	2518
(Lat.) North:	0675	6910	6637	6408	6301	6323	6149	6927	642415	6435
(Long.) East:	133	233	1223	945	122	19	9	1423	2.4	11
Distance from City (km)	5	-	4	4	4	4	4	4	853	10
Elevation (m)	-	-	44	-	54	32	25	-	52	AMS
Reference Temperature (Degrees C)	6	-	19	39	26	32	41	30	11	20
No. of Total Employees	-	-	247	703	680	810	1731	350	157	-
Total Area (Acres)	-	-	-	-	-	-	-	-	-	-
RUNWAYS										
No. of Runways	1	1	1	1	1	1	1	1	1	1
Type of Runway Pavement	Flex	Comp	Flex	Flex	ASPH/CON	Asph/CON	Flex	Flex	Flex	Bit
Strength of Runway Pavement (LCN)	10	10	30	10	10	10	10	30	30	20
Length of Runway (m)	1829	1524	1829	1524	1829	2743	1787	1829	1524	1524
Width of Runway (m)	23	46	30	23	30	46	46	30	24	23
Runway Orientation	13/31	01/19	30/12	13/31	08/26	06/24	03/21	09/27	13/31	-
TAXIWAYS										
No. of Taxiways	-	-	1	1	1	1	1	1	1	1
Type of Taxiway Pavement	-	-	Bit	Bit	Asph Con	Bit	Uc	Bit	Bit	Bit
Strength of Taxiway Pavement (LCN)	-	-	30	10	20	30	-	30	30	20
APRONS										
No. of Aprons	1	-	1	1	1	1	1	1	1	1
Type of Apron Pavement	Bit	-	Con	Con	Asph Con	Con	Con	Con	Bit	Bit
Strength of Apron Pavement (LCN)	10	-	30	30	20	30	25	30	20	10
Area (sqm)	-	-	6279	6279	6279	5468	13703	2809	9290	-
Capacity	-	-	1-F27	1-F27	2-F27	2-F27	2-F27	2-F27	-	2-F27
TERMINAL BUILDINGS										
No. of Terminal Building	1	-	1	1	1	1	1	1	1	1
Plinth Area of Terminal Building (sq.m)	251	-	755	1585	297	683	183	480	435	-
Total Floor Area of Terminal Building (sq.m)	-	-	720	1591	372	722	183	440	-	-

* Not operational since July 1991
 * Not taken over by CAA by (Private Aerodrome)

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS									
	SIBBI	SUI	KHUZDAR	PANJGUR	TURBAT	PASNI	JIHANI	ZHOB	DALBANDIN	ORMARA
CIVIL AVIATION AUTHORITY, CAA										
TERMINAL LOUNGE AREAS										
No. of Total VIP/VIP/CIP Lounges	1	-	1	7	1	1	8	-	-	-
Total Seating Capacity	7	-	12	7	8	10	-	-	-	-
Total Domestic Arrival Lounge Area (sq.m)	24	-	77	249	504	91	77	43	-	-
Passenger Seating Capacity	10	-	-	20	-	15	24	-	-	-
Total Domestic Departure Lounge Area (sq.m)	129	-	133	402	720	180	133	64	-	-
Passenger Seating Capacity	40	-	-	80	40	115	40	40	-	-
PASSENGER FACILITATION										
No. of Total Seats in Lounges	50	-	89	100	-	130	62	40	-	100
No. of Total Conveyor Belts	-	-	-	-	-	1	-	-	-	-
CAR PARK										
Total VIP/Public/Employee Parking Area (sq.m)	1300	-	2025	1790	1496	1500	640	418	946	16
Total Vehicle Parking Capacity	20	-	90	45	50	32	14	30	24	-
AIRPORT MANAGEMENT OFFICES										
No. of Airport Management Offices	1	-	2	3	2	2	1	2	2	3
Total Area of Airport Management Offices (sq.m)	20	-	33	205	29	98	1230	15	34	-
No. of Total Airport Management Employees	-	-	3	3	3	3	5	4	5	-
CAA MEDICAL FACILITIES										
No. of Medical Doctors	-	-	1	1	-	-	1	1	-	-
No. of Paramedics	-	-	1	1	-	-	1	1	-	-
No. of Ambulances	-	-	-	-	1	-	-	-	-	-
No. of Total CAA Medical Employees	-	-	2	4	-	1	1	-	-	-
MAINTENANCE PERSONNEL OFFICES										
No. of Maintenance Personnel Offices	-	-	-	-	-	-	1	-	-	-
Total Area of Maintenance Personnel Offices (sq.m)	-	-	-	-	-	-	1230	-	-	-
No. of Total Maintenance Personnel Employees	-	-	-	10	2	-	10	-	-	-

* Not operational since July 1991
 * Not taken over by CAA (Private Aerodome)

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS									
	* SIBI	SUI	KHUZDAR	PAKJUR	TURBAT	PASNI	JIWANI	ZHOB	DALBANDIN	ORMARA
CIVIL AVIATION AUTHORITY, CAA										
AIR TRAFFIC CONTROL										
No. of Air Traffic Control Offices	-	-	-	1	1	1	1	1	1	1
Total Area of Air Traffic Control Offices (sq.m)	-	-	9	60	14	25	7	111	7	1
No. of Total Air Traffic Control Employees	-	2	2	2	4	2	2	1	2	2
M.T SECTION										
Total Area of M.T Section (sq.m)	-	135	162	570	-	342	80	-	-	-
No. of Total M.T Section Vehicles	-	1	2	1	2	2	4	5	3	3
No. of Total M.T Section Employees	-	2	3	1	1	3	3	1	1	1
Fuel Storage Facilities Available (Y/N)	N	N	N	Y	Y	Y	Y	N	Y	N
FIRE STATION										
No. of Total Fire Station Offices	-	-	-	1	1	1	-	1	-	1
Total Area of Fire Station (sq.m)	-	105	3	1440	4	330	-	7	-	-
No. of Total Fire Brigades/Browsers	-	1	4	4	4	2	1	2	1	1
No. of Total Fire Station Emergency Equipments	-	1	4	7	20	3	2	10	1	1
No. of Total Fire Station Employees	-	3	4	7	9	5	2	2	2	2
CONTROL TOWER										
No. of Control Tower Offices	-	1	1	1	1	1	1	1	1	1
Range of Control (NM Round)	-	60	5	97	3	4	54	5	5	5
Height of Tower (m)	-	11	14	12	8	12	6	24	6	8
Total Covered Area (sq.m)	-	8	60	14	9	9	5	2	2	2
No. of Total Employees	-	2	2	4	2	2	2	1	1	2
NAVIGATIONAL AIDS										
N.D.B	AV	AV	AV	AV	AV	AV	AV	AV	AV	AV
V.O.R	-	-	AV	AV	AV	AV	AV	AV	AV	AV
D.M.E	-	-	AV	AV	AV	AV	AV	AV	AV	AV
I.L.S Localizer	-	-	-	-	-	-	-	-	-	-
I.L.S Glide Path	-	-	-	-	-	-	-	-	-	-
I.D.M.E	-	-	-	-	-	-	-	-	-	-
Runway Lighting	-	-	-	-	-	-	-	-	-	-
Approach Lighting	-	-	-	-	-	-	-	-	-	-

* Not operational since July 1991
 - Not taken over by CAA (Private Aerodrome)

Table-2. (Contd)

DESCRIPTION	NAME OF AIRPORTS									
	D. I. KHAN	KOHAT	BANNU	SAIDU SHARIF	CHITRAL	RAWALAKOT	MUZAFFARABAD	SKARDU	GILGIT	
CIVIL AVIATION AUTHORITY, CAA										
Reference Point										
Distance from City (km)	3334	3258	3448	3552	3350	3419	3521	3555		
Elevation (m)	7127	7032	7221	7147	7350	0733245	7532	7420		
Reference Temperature (Degrees C)	14	10	5	4	6	9	18	2		
No. of Total Employees	172	406	981	1494	1676	831	2316	1454		
Total Area (Acres)	38	45	33	34	-	43	26	30		
	203	189	64	34	16	22	47	90		
			175	73	-	-	262	85		
RUNWAYS										
No. of Runways	1	1	1	1	1	1	1	1		
Type of Runway Pavement	Flex	Flex	Flex	Flex	Flex	Flex	Flex	Flex		
Strength of Runway Pavement (LCN)	25	30	37	PCN 12	10	10	35	20		
Length of Runway (m)	1524	2347	1829	1768	914	914	1981	1646		
Width of Runway (m)	23	46	46	30	23	23	26	30		
Runway Orientation	12/30	14/32	07/25	02/20	17/35	12/30	15/33	07/25		
TAXIWAYS										
No. of Taxiways	1	1	1	1	1	1	3	3		
Type of Taxiway Pavement	M	Bit	Bit	Bit	Bit	Bit	Bit	Bit		
Strength of Taxiway Pavement (LCN)	10	30	37	PCN 12	10	10	35	30		
APRONS										
No. of Aprons	1	1	1	1	1	1	1	1		
Type of Apron Pavement	M	R	R	Con	Bit	Bit	Bit	Bit		
Strength of Apron Pavement (LCN)	15	30	37	20	10	10	35	30		
Area (sqm)	6279	6279	6279	6279	2806	403	18562	2821		
Capacity	2-F27	2-F27	2-F27	2-F27			3-C1-30	1-F27		
							1-B737			
TERMINAL BUILDINGS										
No. of Terminal Building	1	1	1	1	1	1	1	1		
Plinth Area of Terminal Building (sq.m)	366	391	882	-	205	205	521	886		
Total Floor Area of Terminal Building (sq.m)	743	34	523	405	205	205	390	868		

Table-2 (Contd)

DESCRIPTION	NAME OF AIRPORTS										
	D.I KHAN	KOHAT	BANNU	SAIDU SHARIF	CHITRAL	RAMALAKOT	MUZAFFARABAD	SKARDU	GILGIT		
CIVIL AVIATION AUTHORITY, CAA											
M.T SECTION											
Total Area of M.T Section (sq.m)	100	16	132	105	63	158					
No. of Total M.T Section Vehicles	4	4	6	4	2	3					
No. of Total M.T Section Employees	3	4	2	3	3	7					
Fuel Storage Facilities Available (Y/N)	N	N	N	N	Y	N					
FIRE STATION											
No. of Total Fire Station Offices	1	1	1	1	1	1					
Total Area of Fire Station (sq.m)	264	13	10	1	11	180					
No. of Total Fire Brigades/Bowlers	2	2	1	2	3	2					
No. of Total Fire Station Emergency Equipments	2	30	8	8	1	5					
No. of Total Fire Station Employees	3	6	6	2	10	3					
CONTROL TOWER											
No. of Control Tower Offices	1	1	1	1	1	1					
Range of Control (NM Round)	5	5	4	50	5	5					
Height of Tower (m)	13/	16	10	17	17	9					
Total Covered Area (sq.m)	54	16	21	14	14	26					
No. of Total Employees	2	4	2	2	3	4					
NAVIGATIONAL AIDS											
M.D.B	AV	AV	-	AV	AV	AV					
V.O.R	-	-	-	-	-	-					
D.M.E	AV	-	-	-	-	-					
I.L.S Localizer	-	-	-	-	-	-					
I.L.S Glide Path	-	-	-	-	-	-					
T.D.M.EI	-	-	-	-	-	-					
Runways Lighting	-	-	-	-	-	-					
Approach Lighting	-	-	-	-	-	-					

Control Tower and Air Traffic Control Offices are Co-located

Table-3 (International Airports)

DESCRIPTION	NAME OF AIRPORTS					
	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI
PAKISTAN INTERNATIONAL AIRLINES						
TRAFFIC DEPARTMENT						
Offices	33	1	1	1	2	30
Total Area of Offices (sq.m)	33	18	28	47	440	440
No. of Total Employees	411	623	39	90	917	917
No. of Total Counters	16	9	10	3	27	27
No. of Transit Hotels	-	7	-	-	3	2
DUTY FREE SHOP						
No. of Duty Free Shops	2	2	-	-	1	3
No. of Duty Free Shop Employees	5	5	-	-	3	39
RAMP FACILITIES						
No. of Fork Lifters	3	1	1	-	12	6
No. of Belt Lifters	1	5	1	-	16	16
No. of FMC Containers	5	4	2	-	14	14
No. of Ground Power Units	3	7	-	-	15	15
No. of Engine Starting Ground Supply	1	1	4	-	18	18
No. of Ambulifters	1	1	1	-	3	3
No. of Total Steps	1	4	1	-	7	7
No. of Airconditioning Carts	3	5	3	-	11	11
No. of Air Start Cart	3	3	3	-	9	9
No. of Cabin Cleaning Carts	3	3	3	-	9	9
No. of Total Baggage/Cargo Trolley Tractors	8	2	13	-	23	23
No. of Toilet Servicing Trucks	2	4	4	-	10	10
No. of Oxygen Charging Trucks	-	-	-	-	-	-
No. of Engine/APU Oil Trucks	-	-	-	-	-	-
No. of Galley Servicing Trucks	-	-	-	-	-	-
No. of Portable Water Trucks	-	-	-	-	-	-
No. of Electrical Power Trucks	2	3	3	-	8	8
No. of Tug Masters	5	3	3	-	11	11
No. of Tow Bars	3	3	3	-	9	9
No. of Passenger Coaches	4	2	2	-	8	8
Total Passenger Capacity	80	70/43	22	-	172	172
No. of 1st Class/VIP Coaches	4	4	1	-	9	9
Total Passenger Capacity	16	16	18	-	50	50

* Int'l Flights Suspended

Table-3 (Contd)

DESCRIPTION	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI
PAKISTAN INTERNATIONAL AIRLINES						
CATERING DEPARTMENT						
No. of Kitchens	1	-	-	-	-	1
Total Area of Kitchens (sq.m)	229	-	-	-	-	14029
No. of Total Catering Employees	93	-	-	-	7	1081
DOMESTIC CARGO FACILITIES						
No. of Warehouses	1	1	1	-	2	1
No. of Offices in Warehouses	3	8	1	-	1	5
Total Area of Warehouse (sq.m)	180	1026	1293	-	56	102
No. of Total Warehouses Employees	98	106	13	-	12	60
INTERNATIONAL CARGO FACILITIES						
No. of Warehouses	3	3	Same used as above	1	3	7
No. of Offices in Warehouses	1	5	-	-	4	43
Total Area of Warehouse (sq.m)	5504	1446	-	288	556	9289
No. of Total Warehouses Employees	32	57	-	2	18	470
AIRCRAFT MAINTENANCE UNIT						
Offices	10	2	-	-	3	21
Total Area of Offices (sq.m)	861	-	-	-	224	800
No. of Total Employees	203	121	-	-	32	3117
ENGINEERING/MAINTENANCE FACILITIES						
Offices	9	-	-	-	4	116
Total Area of Offices (sq.m)	874	-	-	-	224	3550
No. of Total Servicing Tereeles	37	-	-	-	4	160

* Int'l Flights Suspended

Table-4 (Domestic Airports)

DESCRIPTION	RAHIMYAR KHAN	BAHAWALPUR	MULTAN	FAISALABAD	MIANWALI
PAKISTAN INTERNATIONAL AIRLINES					
TRAFFIC DEPARTMENT					
Offices	1	7	18	1	2
Total Area of Offices (sq.m)	7	18	91	36	36
No. of Total Employees	2	7	32	41	5
No. of Total Counters	2	2	4	5	1
RAMP FACILITIES					
No. of Fork Lifters	-	-	-	1	-
No. of Belt Lifters	-	-	-	-	-
No. of FMC Containers	-	-	-	3	-
No. of Ground Power Units	-	-	-	2	-
No. of Engine Starting Ground Supply	-	-	-	7	-
No. of Ambulifters	-	-	-	1	-
No. of Total Steps	-	-	-	2	-
No. of Airconditioning Carts	-	-	-	1	-
No. of Air Start Cart	-	-	-	2	-
No. of Cabin Cleaning Carts	-	-	-	1	-
No. of Total Baggage/Cargo Trolley Tractors	3	-	-	2	-
No. of Toilet Servicing Trucks	-	-	-	-	-
No. of Oxygen Charging Trucks	-	-	-	-	-
No. of Engine/APU Oil Trucks	-	-	-	-	-
No. of Gaily Servicing Trucks	-	-	-	-	-
No. of Portable Water Trucks	-	-	-	-	-
No. of Electrical Power Trucks	-	-	-	3	-
No. of Tug Masters	-	-	-	-	-
No. of Tow Bars	-	-	-	-	-
No. of Passenger Coaches	1	-	-	2	-
Total Passenger Capacity	50	-	43	40	-
No. of 1st Class/VIP Coaches	-	-	2	2	-
Total Passenger Capacity	-	-	24/14	19/16	-

Table-4 (Contd)

DESCRIPTION	NAME OF AIRPORTS	
	RAHIMYAR KHAN	BAHAWALPUR
	MULTAN	FAISALABAD
		MIANWALI
PAKISTAN INTERNATIONAL AIRLINES		
DOMESTIC CARGO FACILITIES		
No. of Warehouses		
No. of Offices in Warehouses	2	1
Total Area of Warehouse (sq.m)	2	1
No. of Total Warehouses Employees	116	275
	16	3
AIRCRAFT MAINTENANCE UNIT		
Offices		
Total Area of Offices (sq.m)	1	
No. of Total Employees	418	
	23	13
ENGINEERING/MAINTENANCE FACILITIES		
Offices		
Total Area of Office (sq.m)	1	1
No. of Total Servicing Employees	418	198
	4	2

Table-4 (Contd)

DESCRIPTION	NAME OF AIRPORTS					
	HYDERABAD	MIRPURKHAS	NAWABSHAH	MOHENJO DARO	SUKKUR	JACOBABAD
PAKISTAN INTERNATIONAL AIRLINES						
TRAFFIC DEPARTMENT						
Offices	1	1	1	1	1	1
Total Area of Offices (sq.m)	13	20	35	154	2	11
No. of Total Employees	6	4	5	9	13	11
No. of Total Counters		1	2	5	18	4
RAMP FACILITIES						
No. of Fork Lifters						2
No. of Belt Lifters						
No. of FMC Containers						
No. of Ground Power Units				1	1	
No. of Engine Starting						
No. of Ambulifters						
No. of Total Steps		1				
No. of Airconditioning Carts						2
No. of Air Start Cart						
No. of Cabin Cleaning Carts					2	
No. of Total Baggage/Cargo Trolley Tractors	1					
No. of Toilet Servicing Trucks						
No. of Oxygen Charging Trucks						
No. of Engine/APU Oil Trucks						
No. of Gally Servicing Trucks						
No. of Portable Water Trucks						
No. of Electrical Power Trucks						
No. of Tug Masters						
No. of Passenger Coaches						
No. of Tow Bars						
No. of Passenger Coaches						
Total Passenger Capacity		10		1		1
No. of 1st Class Vip Coaches				15		14
Total Passenger Capacity						

Table-4 (Contd)

DESCRIPTION	NAME OF AIRPORTS
PAKISTAN INTERNATIONAL AIRLINES	HYDERABAD MIRPURKHAS NAWABSHAH MOHENJO DARO SUKKUR JACOBABAD
DOMESTIC CARGO FACILITIES	
No. of Warehouses	-
No. of Offices in Warehouses	-
Total Area of Warehouse (sq.m)	-
No. of Total Warehouses Employees	1
AIRCRAFT MAINTENANCE UNIT	
Offices	-
Total Area of Offices (sq.m)	-
No. of Total Employees	3
ENGINEERING/MAINTENANCE FACILITIES	
Offices	-
Total Area of Offices (sq.m)	13
	36
	3

Table-4 (Contd)

DESCRIPTION	NAME OF AIRPORTS	
	D. I. KHAN ! KOHAT !*	BANNU ! SAIDU SHARIF ! CHITRAL ! RAWALAKOT ! MUZ. ABADI ! SKARDU ! GILGIT !
PAKISTAN INTERNATIONAL AIRLINES		
DOMESTIC CARGO FACILITIES		
No. of Warehouses	-	1
No. of Offices in Warehouses	-	1
Total Area of Warehouse (sq.m)	-	100
No. of Total Warehouses Employees	-	15
AIRCRAFT MAINTENANCE UNIT		
Offices	-	-
Total Area of Offices	-	-
No. of total Employees	-	-
ENGINEERING/MAINTENANCE FACILITIES		
Offices	-	-
Total Area of Offices (sq.m)	-	-
No. of Total Servicing Technicians	1	1
		3
		16
		3

* Pax & Ramp Handling Agent : SPINZER TRAVELS
 * Pax & Ramp Handling Agent : PAKIR TROTTERS

Table-4 (Contd)

DESCRIPTION	* SIBII	SUI	KHUZZAR	! PANJUR	TURBAT	*PASNI	JAMANI	ZHOB	DALBANDIN	ORMARA
PAKISTAN INTERNATIONAL AIRLINES										
TRAFFIC DEPARTMENT										
Offices										
Total Area of Offices (sq.m)				1				1		
No. of Total Employees				8		10		27		1
No. of Total Counters		3		2	14	5		6		15
RAMP FACILITIES										
No. of Fork Lifters										
No. of Belt Lifters										
No. of FMC Containers										
No. of Ground Power Units										
No. of Engine Starting Ground Supply					1					
No. of Ambulifters										
No. of Total Steps										
No. of Airconditioning Carts										
No. of Air Start Cart										
No. of Cabin Cleaning Carts										2
No. of Total Baggage/Cargo Trolley Tractors										
No. of Toilet Servicing Trucks										
No. of Oxygen Charging Trucks										
No. of Engine/APU Oil Trucks										
No. of Galley Servicing Trucks										3
No. of Portable Water Trucks										
No. of Electrical Power Trucks										
No. of Tug Masters										
No. of Tow Bars										
No. of Passenger Coaches										
Total Passenger Capacity								1		
No. of 1st Class/Vip Coaches										18
Total Passenger Capacity										

* Not operational Since July 1991
 * Not taken over by CAA (Private Aerodrome)
 Pax & Ramp Handling Agent: NATIONAL EXPRESS

Table-4 (Contd)

DESCRIPTION	NAME OF AIRPORTS								
	SIBI	SUI	KHUZDAR	PANJGUR	TURBAT	JAMALI	ZHOBI	DALBANDIN	ORMARA
PAKISTAN INTERNATIONAL AIRLINES									
DOMESTIC CARGO FACILITY									
No. of Warehouses	-	-	-	-	-	-	-	-	-
No. of offices in Warehouse	-	-	-	-	-	-	-	-	-
Total Area of Warehouse (sq.m)	-	-	-	-	-	-	-	-	-
No. of total Warehouse Employees	-	-	-	-	-	-	-	-	-
AIRCRAFT MAINTENANCE UNIT									
Offices	-	-	-	-	-	-	-	-	-
Total Area of Offices (sq.m)	-	-	-	-	-	-	-	-	-
No. of total Employees	-	-	-	-	-	-	-	-	-
ENGINEERING/MAINTENANCE FACILITIES									
Offices	-	-	-	-	-	-	-	-	-
Total Area of Offices (sq.m)	-	-	-	-	-	-	-	-	-
No. of Total Servicing Tereeles	-	-	-	-	-	-	-	-	-

* Not operational since July 1991
 / Not taken over by CAA (Private Aerodrome)
 - Pax & Ramp Handling Agent : NATIONAL EXPRESS

Table-5 (International & Domestic Airports)

NAME OF AIRPORTS	DISCRPTIONS					
	Offices	Total Area of Office (sq.m)	No. of Total Employees	No. of Total Search Counters	No. of Total Vehicles	
AIRPORT SECURITY FORCE						
INTERNATIONAL AIRPORTS						
Islamabad	10	334	1046			23
Lahore	11	448	1039			22
Quetta #	11	161	62			11
Gwadar	1	112	39			2
Peshawar	8	1651	349			12
Karachi	15		1925			29
DOMESTIC AIRPORTS						
Rahim Yar Khan	1	20	27			1
Bahawalpur	1	10	29			1
Multan	1	178	263			1
Faisalabad	4	112	238			1
Mianwali	1	525	27			1
Hyderabad	1	9	34			1
Mirpurkhas	1		27			1
Nawabshah	1	11	34			1
Mohenjodaro	1					1
Sukkur	1					1
Jacobabad	1	24	24			1
D.I. Khan	1	16	44			1
Kohat	1	20	29			1
Bannu Sharif	1	23	34			1
Saidu Sharif	1	6	34			1
Chitral	1	10	36			1
Rawalakot	1		26			1
Muzaffarabad	1	12	26			1
Skardu	1	55	39			1
Gilgit	1		37			1
Sibi *	1					1
Sui	1	30				1
Khuzdar	1	8	29			1
Panigur	1		25			1
Turbat	1		34			1
Pasni	1	10	37			1
Jiwani	1	7	34			1
Zhob	1	26	34			1
Dalbandin	1		28			1
			27			1

* Not operational since July 1991
 # Not taken over by CAA (Private Aerodrome)
 # Int'l Flights Suspended

Table-6 (International & Domestic Airports)

NAME OF AIRPORTS	DISCRPTIONS			
	Total Area of Office (sq.m)	No. of Total Employees	No. of Total Instruments	
METEOROLOGICAL DEPARTMENT				
INTERNATIONAL AIRPORTS				
Islamabad		Cf		13
Lahore	260	99		10
Quetta #	93	38		5
Gwadar	-	1		5
Peshawar	557	Cf		10
Karachi	259	106		13
DOMESTIC AIRPORTS				
Rahim Yar Khan	15	3		15
Bahawalpur	178	2		9
Multan	6071	60		12
Faisalabad	139	Cf		10
Mianwali	-			
Hyderabad	473	31		9
Mirpurkhas	20	3		1
Nawabshah	750	17		1
Mohenjodaro	-	6		2
Sukkur	9	4		6
Jacobabad	400	8		4
D.I. Khan	-	7		5
Kohat	-	-		-
Bannu Sharif	418	6		3
Saidu Sharif	372	4		5
Chitral	-			
Rawalakot	-	2		9
Muzaffarabad	-	2		7
Skardu	11	7		5
Gilgit	100	31		5
Sibi *	-	-		-
Sui *	-	-		-
Khuzdar	-	7		1
Panjugur	-	-		-
Turbat	-	-		-
Pasni	-	-		-
Jiwani	-	7		7
Zhob	-	-		-
Dalbandin	-	-		-

* Not operational since July 1991
 * Not taken over by CAA (Private Aerodrome)
 Cf Classified
 # Int'l Flights suspended

Table-7 (International & Domestic Airports)

NAME OF AIRPORTS	DISCUSSION		
	Offices	No. of Total Employees	No. of Total Letter Boxes
POST OFFICE			
INTERNATIONAL AIRPORTS			
Islamabad	1	6	2
Lahore	1	5	1
Quetta #	1	2	1
Gwadar	1	2	1
Peshawar	1	2	1
Karachi	1	8	1
DOMESTIC AIRPORTS			
Rahim Yar Khan	-	-	-
Behawalpur	-	-	-
Multan	1	2	2
Faisalabad	-	-	-
Mianwali	-	-	-
Hyderabad	1	2	1
Mirpurkhas	-	-	-
Nawabshah	-	-	-
Mohenjodaro	-	-	-
Sukkur	1	3	1
Jacobabad	-	-	-
D. I. Khan	-	-	-
Kohat	-	-	-
Bannu	-	-	-
Saidu Sharif	-	-	-
Chitral	-	-	-
Rawalakot	-	-	-
Muzaffarabad	-	-	-
Skardu	1	2	1
Gilgit *	1	2	3
Sibi	-	-	-
Sui	-	-	-
Khuzdar	-	-	-
Panjkur	-	-	-
Turbat	-	-	-
Pasni	-	-	-
Jiwani	-	-	-
Zhob	1	12	6
Dalbandin	1	5	3

* Not operational since July
 * Not taken over by CAA (Private Aerodrome)
 # Int'l Flights Suspended

Table-8 (International Airports)

NAME OF AIRPORTS	NAME OF AIRPORTS									
	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI				

IMMIGRATIONS											
Offices	1	1	6	6	3	18					
Total Area of Offices (sq.m)	-	4	104	104	30	318					
No. of Counters	16	8	14	14	4	76					
No. of Total Employees	40	22	80	80	8	455					
Passenger Detention Facilities Available (Yes/No)	N	N	Y	Y	N	Y					

CUSTOMS											
Offices	3	2	2	2	4	37					
Total Area of Offices (sq.m)	88	36	36	36	48	44					
No. of Total Counters	26	8	-	22	9	44					
No. of Green Channels	1	1	-	-	1	2					
No. of Red Channels	1	1	-	-	1	2					
No. of Total Employees	82	64	10	9	50	454					
A-Form Facilities Available (Yes/No)	Y	Y	N	Y	Y	Y					
Passenger Detention Facilities Available (Yes/No)	N	N	N	N	N	Y					
Baggage Detention Facilities Available (Yes/No)	Y	Y	N	N	Y	Y					
Payment of Duty (Rs./\$/All Currencies)	AC	AC	-	-	AC	AC					

HEALTH DEPARTMENT											
Offices	2	2	-	-	2	-					
Total Area of Offices (sq.m)	29	121	-	-	27	-					
No. of Total Counters	1	2	-	-	1	1					
No. of Total Doctors	4	4	-	-	1	11					
No. of Total Quarantine Asstts.	2	4	-	-	1	14					
No. of Total Employees	14	28	-	-	4	176					

* Int'l Flights

Table-10 (Domestic Airports)

NAME OF AIRPORTS	DISCUSSION	
	Offices	No. of Total Booths/ Employees Counters
TELEGRAPH AND TELEPHONE DEPARTMENT (DOMESTIC AIRPORTS)		
Rahim Yar Khan	1	1
Bahawalpur	1	1
Multan	4	4
Faisalabad	4	4
Mianwali	1	1
Hyderabad	2	2
Mirpurkhas	-	-
Nawabshah	-	-
Mohenjodaro	1	1
Sukkur	-	-
Jacobabad	1	1
D. I. Khan	1	1
Kohat	1	1
Bannu	1	1
Saidu Sharif	1	1
Chitral	1	1
Rawalakot	1	1
Muzaffarabad	1	1
Skardu	-	-
Gilgit	1	1
Sibi *	1	1
Sui	-	-
Khuzdar	-	-
Panjgur	-	-
Turbat	-	-
Pasni	-	-
Jiwani	-	-
Zhob	-	-
Dalbandin	-	-

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 * Not taken over by CAA (Private Aerodrome)

Table-11 (International Airports)

DESCRIPTION	NAME OF AIRPORTS		
	ISLAMABAD	LAHORE	* QUETTA GWADAR PESHAWAR KARACHI
PLANT PROTECTION DEPARTMENT			
Offices	11	1	2
Total Area of Offices (sq.m)	10	9	148
No. of Total Employees	10	11	41
No. of Counters			7
AIRPORT POLICE			
Offices	2		2
No. of Total Employees	22	3	54
No. of Fork Lifters	1		79
No. of Total Vehicles	2		2
RENT A CAR SERVICES			
Offices	1	1	1
No. of Total Employees	15	41	3
No. of Total Counters	2	1	17
No. of Total Vehicles	59	32	4
TOURISM			
Offices			
Area of Offices (sq.m)			2
No. of Total Employees			12
No. of Booth Counters		1	2
No. of Total Vehicles			16

* Int'l flights suspended

Table-12 (International Airport)

DESCRIPTION	Airport	House	Midway
HOTELS AT AIRPORT			
Name of Hotels	Airport	House	Midway
No. of Total Rooms	288	267	
No. of Conference Rooms	1	2	
Capacity of Conference Room	250	160	
No. of Dining Halls	1	3	
Capacity of Dining Halls	250	380	
No. of Banks	1	-	
Name of Banks	HBL	-	
T & T Facilities Available (Yes/No)	N	Y	
No. of Shops	9	7	
No. of Vehicles	2	2	

* Int'l Flights, Suspended

Table-13 (International & Domestic Airports)

DESCRIPTION	NAME OF AIRPORTS				
	ISLAMABAD	KARACHI	LAHORE	PESHAWAR	MULTAN / FAISALABAD
SHAHEEN AIRPORT SERVICES					
PASSENGER HANDLING FACILITIES					
No. of Total Meet & Assist Counters	-	3	-	-	-
No. of Total Porters Charge per Porter (Rs.)	134	-	100	50	15
	10	-	10	10	10
RAMP FACILITIES					
No. of Fork Lifters	2	5	-	-	-
No. of Total Fork Lifter Crew	2	5	-	-	-
No. of Belt Lifters	1	5	-	-	-
No. of Total Belt Lifter Crew	1	5	-	-	-
No. of FMC Containers	3	14	-	-	-
No. of Total Crew of Containers	3	14	-	-	-
No. of Ground Power Units	1	2	-	-	-
No. of Total Crew of Ground Power Units	1	2	-	-	-
No. of Engine Starting Ground Supply	-	-	-	-	-
No. of Total Crew Engine Starting Ground Supply	-	-	-	-	-
No. of Ambulifters	-	1	-	-	-
No. of Total Crew of Ambulifters	-	2	-	-	-
No. of Truck Mounted Covered Steps	-	-	-	-	-
No. of Truck Mounted Un-Covered Steps	-	1	-	-	-
No. of Total Crew	-	-	-	-	-
No. of Self Propelled Steps	1	4	-	-	-
No. of Total Crew of Self Propelled Steps	2	4	-	-	-
No. of Airconditioning Carts	1	2	-	-	-
No. of Total Crew of Airconditioning Carts	1	2	-	-	-
No. of Air Start Cart	2	2	-	-	-
No. of Total Crew of Air Start Cart	2	2	-	-	-

Table-14 (International Airports)

DESCRIPTION	NAME OF AIRPORTS					
	ISLAMABAD	LAHORE	* QUETTA	GWADAR	PESHAWAR	KARACHI
BANKS						
MUSLIM COMMERCIAL BANK						
Location of Bank/Booths	IA	IA	-	-	IA	T-1/2/3
Total Area (sq.m)	16	8	-	-	10	7/5/6
No. of Total Employees	9	-	-	-	1	16
NATIONAL BANK OF PAKISTAN						
Location of Bank/Booths	DA	IA	-	-	CH	CH
Total Area (sq.m)	41	8	-	-	19	63
No. of Total Employees	12	-	-	-	4	59
ALLIED BANK LIMITED						
Location of Bank/Booths	CH	CH	-	-	-	T-1/2/3
Total Area (sq.m)	5	11	-	-	-	18
No. of Total Employees	3	3	-	-	-	14
HABIB BANK LIMITED						
Location of Bank/Booths	IA	IA	-	-	-	AH, T-1/2/3
Total Area (sq.m)	16	195	-	-	-	408
No. of Total Employees	8	18	-	-	-	50
UNITED BANK LIMITED						
Location of Bank/Booths	IA	AR	-	-	-	CH
Total Area (sq.m)	9	186	-	-	-	112
No. of Total Employees	6	12	-	-	-	61

* Int'l Flights Suspended

JINNAH TERMINAL COMPLEXSalient Features

<u>Construction Area</u>	260 acres
<u>Covered Area</u>	
Terminal Building (basement + 7 storey)	79,0079 sq.m.
Two Satellites (each 2 storeyed)	22,152 sq.m.
Utility Building	2,039 sq.m.

	103,270 sq.m.

Car Park (for 2000-cars)	115,000 sq.m.
Apron (for 16 aircrafts)	266,000 sq.m.
Arrival-Departure bridge	1.00 km.

Passenger Handling Capacity

10 Million Passenger per annual by year 2015.

Passenger Handling Facility

International Departure check-in	46 counters
Domestic departure check-in	30 counters
International arrival baggage claim	4 belts
Domestic arrival baggage claim	4 belts
Elevators	13 nos.
Escalators	8 nos.
Digital Weighing Bridge	76 nos.
Baggage Trolleys	3500 nos.
Public Call Facility (pay cards)	21
Currency Exchange (Private & schedule banks)	16
Airline Operators	33
Restaurants for Passengers and Staff	1200 persons

VIP/CIP Lounges	6
Immigration Counters	16
Aircraft Guidance Nose In System (AGNIS)	16
Baggage X-Ray Machines (with 8 metal detector gates)	14
Closed Circuit TV	91 cameras 45 monitors
Communications (extendible to 4000 lines)	1200 PABX

Capacity of Concourse for Design Peak Hour
(Passengers, Visitors, Companions)

International Arrival & departure	6,900 people
Domestic arrival & departure	6,500 people