

パリ・シャルル・ド・ゴール空港の緒元



Paris (CDG), France

IATA Code: Airport: Region:

AIRPORT IDENTIFICATION

ICAO Code: Country: Size (ha):

CAPACITY/DEVELOPMENT/ OPERATION

Available Capacity - 2001	Current/ Planned Development	<u>Under IATA procedures the airport is declared as</u>
Runway:	<input type="text" value="Current development"/>	<input type="checkbox"/> Level 1: Non-coordinated airport
Apron:	<input type="text" value="Current development"/>	<input type="checkbox"/> Level 2: Schedules facilitated airport
Terminal:	<input type="text" value="Current development"/>	<input type="checkbox"/> Level 3: Fully coordinated airport
Hours of Operation:	<input type="text"/>	

Scheduled airlines Operating in 2002:

AU, A192, A333, A360, A9, AA, AB, AC, AF, AH, AI, AM, AR, AT, AY, AZ, B2, BA, BD, BE, BR, C9, CA, CL, CO, CX, CY, D3, DB, DL, DM, DT, E8, EI, EK, EN, EW, F1, FV, G7, GF, GN, HM, HY, IB, IG, IW, IY, J2, J9, JJ, JK, JL, JP, JU, KE, KL, KM, KU, L9, LG, LH, LK, LN, LO, LX, LY, LZ, MA, MD, ME, MH, MK, MR, MU, MV, NG, NH, NW, OA, OK, OS, OU, P9, PK, PS, QF, QI, OR, R3, RD, RG, RK, RO, SD, SK, SN, SQ, SR, SS, SU, SV, TE, TG, TH, TN, TP, TS, TU, U2, UA, UD, UL, UM, US, UX, UY, V6, V7, VN, VO, VR, VV, WX, XM, XN, XT, YS, IM, 28

Geographical Distribution of Seats (Scheduled Airlines) - Year 2002

Africa	2,550,573	7.8%
Europe	21,546,091	65.5%
Middle East	776,169	2.4%
North America	4,199,768	12.8%
Asia Pacific	2,662,656	8.2%
Latin America Caribbean	1,135,403	3.5%
Total	32,900,054	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

(1-49 seats)	22,040	9.8%
(50-124 seats)	86,988	38.6%
(125-179 seats)	60,921	27.0%
(180-249 seats)	26,358	11.7%
(250-349 seats)	21,985	9.7%
(more than 350 seats)	7,206	3.2%
Total	225,498	

GROUND ACCESS

Year: 2002

Distance to city center (km):

Rail access: Train link airport- city Train link planned? Opening year?

Journey time (min): Estimated number of passengers using the train service:

Peak frequency 1 hour in 2001: by 2005:

Modal split: Rail: % Bus: % Taxi: % Private car: % Unknown: %

Car parks: No.: Total parking spaces:

AIRPORT SERVICES

Year: 2002

Ground handling companies: Comments:

Catering companies:

Fuel suppliers:

Number of employees: Employed directly by airport operator: Total on site (est):



Paris (CDG), France

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CURRENT/FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	432,668	34,124	466,792	8,939	475,731	116	442,072	24,720	62,410	404,382
2000	470,786	37,770	508,556	9,101	517,657	118	484,353	24,203	61,081	447,475
2001	476,389	38,727	515,116	8,284	523,400	121	494,490	20,626	65,139	449,977
2006	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2011	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments:

CURRENT/FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	43,438,859	158,335	43,597,194	4,258,262	16,519	40,044,649	3,394,210	4,561,320	38,877,539
2000	48,143,518	102,619	48,246,137	4,682,912	16,791	44,673,785	3,469,733	4,527,465	43,616,053
2001	47,940,187	56,342	47,996,529	4,869,487	16,807	44,961,143	2,979,044	4,588,193	43,351,994
2006	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2011	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	652,638	770,417	49 %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2000	720,546	889,938	54 %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2001	660,215	931,695	54 %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2006	<input type="text"/>	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2011	<input type="text"/>	<input type="text"/>	<input type="text"/> %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments:



Paris (CDG), France

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2002

Desig. 1	Cat	Desig. 2	Cat	Length (m)
26L	III	08R	III	2,700
26R	III	08L	III	3,600
09R	III	27L	III	3,600
09L	III	27R	III	2,700

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed (mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

DECLARED APRON CAPACITY (parking positions) Year:

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use
Cargo	21			20	11	52	
Remote	42			37		79	
T1	17			18		35	
T2	20			32		52	
T3	8					8	

Cat.1: B747/ B777/ A330/ A340
 Cat.2: DC-10/ MD-11/ L-1011
 Cat.3: B757/ B767/ A300/ A310
 Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments: T3 (ex T9) positions are remote only. Remote areas include terminal 1 and 2 areas. Private FEDEX and Air France aircraft maintenance positions are not included.

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2002

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
Projet Terminal 2E	3,800	2,500	3,300	4,700	
Terminal 1	2,800		2,100	4,100	Yes
Terminal 2 ABCDF	6,300		6,100	11,500	Yes
Terminal 3 (ex T9)	1,530		1,380		No

Comments: Data for T1 and T2ABCDF is from 2001 traffic statistics. For T2E and T3, the forecasted peak data used for the project conception has been used.

PLANNED AIRPORT DEVELOPMENT Year: 2002

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
CDG Terminal 2E, 9m international passengers	Apron, Terminal		2003	Actual
CDG Terminal 2E+2F, extension of boarding satellite	Apron, Terminal		2006	Planned



Paris (CDG), France

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL Year

Concept Floor levels:

Comments

Terminal size (m2)	<input type="text" value="231,100"/>	
Check-in desks	<input type="text" value="154"/>	
Outbound bag. system		
Checked bag. security		
Passenger screening		
Outbound passport	<input type="text" value="12"/>	
Gate lounges	<input type="text" value="21"/>	
Loading bridges	<input type="text" value="47"/>	
Remote gates	<input type="text" value="7"/>	
Inbound passport	<input type="text" value="12"/>	
Bag. claim unit	<input type="text" value="7"/>	
Custom channels	<input type="text" value="2"/>	
Direct Rail access	<input type="text" value="Yes"/>	
First/ bus. lounges		
Common use terminal	<input type="text" value="Yes"/>	

TERMINAL Year

Concept Floor levels:

Comments

Terminal size (m2)	<input type="text" value="300,000"/>	
Check-in desks	<input type="text" value="345"/>	
Outbound bag. system		
Checked bag. security		
Passenger screening		
Outbound passport	<input type="text" value="42"/>	
Gate lounges		
Loading bridges	<input type="text" value="60"/>	
Remote gates		
Inbound passport	<input type="text" value="52"/>	
Bag. claim unit		
Custom channels		
Direct Rail access	<input type="text" value="Yes"/>	
First/ bus. lounges		
Common use terminal	<input type="text" value="Yes"/>	



Paris (CDG), France

IATA Code: Airport: Region:

TERMINAL Year

Concept Floor levels:

Comments

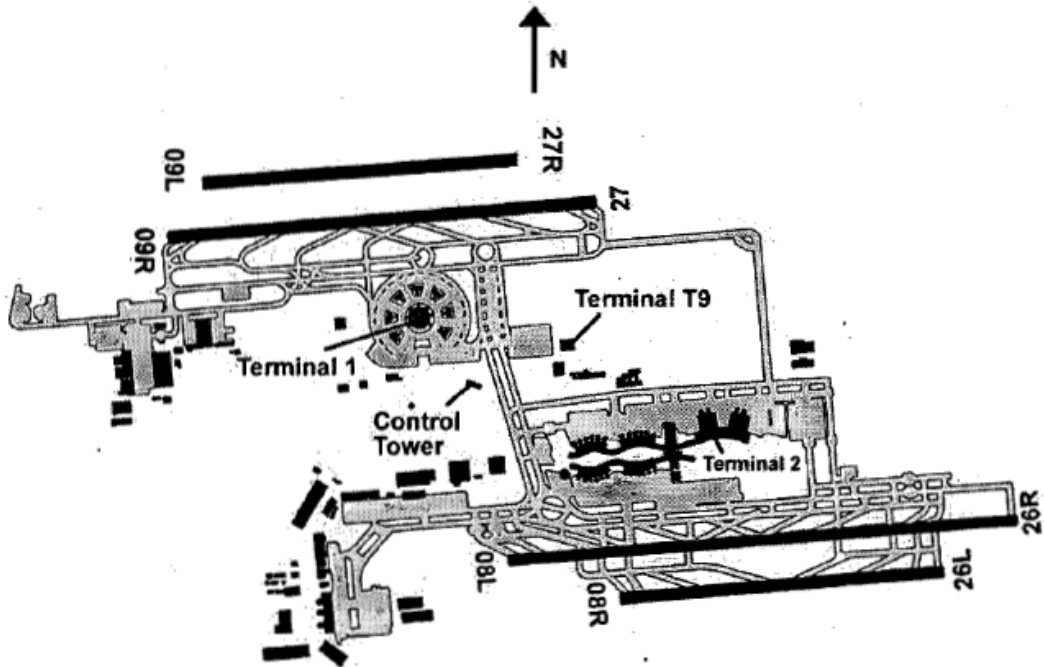
Terminal size (m2)	<input type="text" value="11,200"/>	<input type="text"/>
Check-in desks	<input type="text" value="44"/>	<input type="text"/>
Outbound bag. system	<input type="text"/>	<input type="text"/>
Checked bag. security	<input type="text"/>	<input type="text"/>
Passenger screening	<input type="text"/>	<input type="text"/>
Outbound passport	<input type="text" value="4"/>	<input type="text"/>
Gate lounges	<input type="text" value="3"/>	<input type="text"/>
Loading bridges	<input type="text"/>	<input type="text"/>
Remote gates	<input type="text" value="10"/>	<input type="text"/>
Inbound passport	<input type="text" value="6"/>	<input type="text"/>
Bag. claim unit	<input type="text" value="3"/>	<input type="text"/>
Custom channels	<input type="text" value="1"/>	<input type="text"/>
Direct Rail access	<input type="text" value="Yes"/>	<input type="text"/>
First/ bus. lounges	<input type="text"/>	<input type="text"/>
Common use terminal	<input type="text" value="Yes"/>	<input type="text"/>



Paris (CDG), France

IATA Code: Airport: Region:

AIRPORT LAYOUT PLAN



パリ・オルリーール空港の緒元



Paris (ORY), France

IATA Code: Airport: Region:

AIRPORT IDENTIFICATION

ICAO Code: Country: Size (ha):

CAPACITY/ DEVELOPMENT/ OPERATION

Available Capacity - 2001		Current/ Planned Development	Under IATA procedures the airport is declared as:
Runway:	<input type="text"/>	No development reported	<input type="checkbox"/> Level 1: Non-coordinated airport
Apron:	<input type="text"/>	Current development	<input type="checkbox"/> Level 2: Schedules facilitated airport
Terminal:	<input type="text"/>	No development reported	<input type="checkbox"/> Level 3: Fully coordinated airport
Hours of Operation:	<input type="text" value="Night curfew between 23:30hrs and 06:00hrs"/>		

Scheduled airlines Operating in 2002:

Geographical Distribution of Seats (Scheduled Airlines) - Year 2002

Africa	<input type="text" value="1,594,520"/>	<input type="text" value="12.0%"/>
Europe	<input type="text" value="10,234,264"/>	<input type="text" value="77.0%"/>
Middle East	<input type="text" value="243,736"/>	<input type="text" value="1.8%"/>
North America	<input type="text" value="4,060"/>	<input type="text" value="0.0%"/>
Asia Pacific	<input type="text" value="16,988"/>	<input type="text" value="0.1%"/>
Latin America Caribbean	<input type="text" value="1,199,409"/>	<input type="text" value="9.0%"/>
Total	<input type="text" value="13,292,977"/>	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

(1-49 seats)	<input type="text" value="11,859"/>	<input type="text" value="11.9%"/>
(50-124 seats)	<input type="text" value="28,097"/>	<input type="text" value="28.2%"/>
(125-179 seats)	<input type="text" value="44,709"/>	<input type="text" value="44.9%"/>
(180-249 seats)	<input type="text" value="10,498"/>	<input type="text" value="10.5%"/>
(250-349 seats)	<input type="text" value="1,892"/>	<input type="text" value="1.9%"/>
(more than 350 seats)	<input type="text" value="2,517"/>	<input type="text" value="2.5%"/>
Total	<input type="text" value="99,572"/>	

GROUND ACCESS

Year: 2002

Distance to city center (km):	<input type="text" value="14"/>		
Rail access:	Train link airport- city <input type="text" value="Yes"/>	Train link planned? <input type="checkbox"/>	Opening year? <input type="text"/>
	Journey time (min) <input type="text" value="34"/>	Estimated number of passengers using the train service:	
	Peak frequency 1 hour <input type="text" value="5"/>	in 2001: <input type="text" value="2,945,401"/>	by 2005: <input type="text"/>
Modal split:	Rail: <input type="text" value="13"/> %	Bus: <input type="text" value="16"/> %	Taxi: <input type="text" value="27"/> %
	Private car: <input type="text" value="43"/> %	Unknown: <input type="text"/>	
Car parks:	No.: <input type="text" value="7"/>	Total parking spaces: <input type="text" value="14,991"/>	

AIRPORT SERVICES

Year: 2002

Ground handling companies:	<input type="text" value="5"/>	Comments:	<input type="text" value="Fuel supplied by petrol groups"/>
Catering companies:	<input type="text" value="2"/>		
Fuel suppliers:	<input type="text" value="1"/>		
Number of employees:	Employed directly by airport operator: <input type="text" value="3,812"/>	Total on site (est):	<input type="text" value="31,230"/>



Paris (ORY), France

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	241,019	255	241,274	4,412	245,686	73	233,800	7,474	179,640	61,634
2000	238,723	207	238,930	4,656	243,586	75	230,125	8,765	178,194	60,736
2001	215,390	176	215,566	3,932	219,498	71	206,010	9,556	160,517	55,049

Comments:

CURRENT/ FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	25,330,343	18,769	25,349,320	2,362,479	8,959	24,095,341	1,235,002	16,434,375	8,895,968
2000	25,380,364	16,164	25,396,528	2,395,534	8,859	23,901,649	1,478,715	16,527,221	8,853,143
2001	23,010,946	17,790	23,028,736	2,225,400	8,097	21,284,235	1,726,711	14,476,514	8,534,432

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	71,014	73,335	7 %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2000	45,282	75,356	4 %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>
2001	40,743	72,861	3 %	<input type="text"/>	<input type="text"/>	<input type="text"/>	<input type="text"/>

Comments:



Paris (ORY), France

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RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2002

Desig. 1	Cat	Desig. 2	Cat	Length (m)
02L	I	20R	I	2,400
08		26	III	3,320
07	III	25	I	3,650

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed (mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

DECLARED APRON CAPACITY (parking positions) Year:

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use
Cargo	4		1			5	
Orly South	6	6	2	2	2	18	
Orly West	9	1	7	5		22	
Remote	16	2	16	14	2	50	

- Cat.1: B747/ B777/ A330/ A340
- Cat.2: DC-10/ MD-11/ L-1011
- Cat.3: B757/ B767/ A300/ A310
- Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments: Note this is the maximum capacity of passenger and freight aircraft positions that have been used. Similarly, when different aircraft configurations were possible, heavy-body positions have been selected instead of medium body.

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2002

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
Orly South				12,000,000	No
Orly West				12,000,000	No

Comments: Annual figures.

PLANNED AIRPORT DEVELOPMENT Year: 2002

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
Orly South- adaptation of parking for wide-body aircraft	Apron		2003	Actual



Paris (ORY), France

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TERMINAL DETAILS

TERMINAL	<input type="text" value="Orly South"/>	Year	<input type="text" value="2002"/>
Concept	<input type="text" value="Linear. 2 satellites linked to central body by 2 piers"/>	Floor levels:	<input type="text" value="6"/>
Comments	<input type="text" value="Central body: GL-check-in/baggage claim units. Level 1-boarding/disembarking. Level 2-lounges. Level 3 & 4-food halls. Level 5-Offices. Satellites and piers: Level 1 & 2-boarding/disembarking."/>		
Terminal size (m2)	<input type="text" value="16,1500"/>		
Check-in desks	<input type="text" value="114"/>	<input type="text" value="104 automated (3 over-size), 10 manual with baggage handling"/>	
Outbound bag. system		<input type="text" value="automated + 3 over-size automated units"/>	
Checked bag. security	<input type="text"/>	<input type="text" value="current fitting of EDS replacing X-rays; tomographs"/>	
Passenger screening	<input type="text"/>		
Outbound passport	<input type="text" value="9"/>	<input type="text" value="1 for Diplomats"/>	
Gate lounges	<input type="text" value="6"/>	<input 2="" boarding"="" boarding,="" contact"="" for="" halls="" remote="" type="text" value="4 halls for "/>	
Loading bridges	<input type="text" value="27"/>		
Remote gates	<input type="text" value="12"/>	<input type="text" value="2 halls dedicated for remote boarding"/>	
Inbound passport	<input type="text" value="9"/>	<input type="text" value="1 for Diplomats"/>	
Bag. claim unit	<input type="text" value="8"/>	<input type="text" value="8 baggage claim units, 3 for Schengen or international"/>	
Custom channels	<input type="text" value="1"/>	<input type="text" value="at exit of international baggage claim area"/>	
Direct Rail access	<input type="text" value="Yes"/>	<input type="text" value="automated transport on specific tracks: OrlyVal"/>	
First/ bus. lounges	<input type="text" value="3"/>		
Common use terminal	<input type="text" value="Yes"/>		

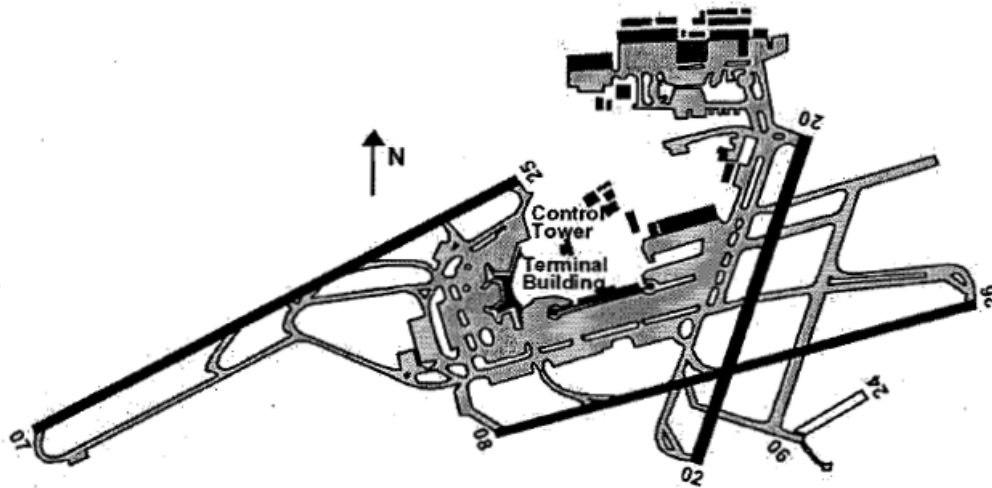
TERMINAL	<input type="text" value="Orly West"/>	Year	<input type="text" value="2002"/>
Concept	<input type="text" value="4 halls linked by a central body form the terminal"/>	Floor levels:	<input type="text" value="4"/>
Comments	<input type="text" value="GL: arrivals/baggage claim units. Level1: check-in/boarding/disembarking. Level 2: disembarking/food halls. Level 3: Offices."/>		
Terminal size (m2)	<input type="text" value="210,000"/>		
Check-in desks	<input type="text" value="101"/>	<input type="text" value="99 automated (7 over-size), 2 manual with baggage handling"/>	
Outbound bag. system		<input type="text" value="automated with level variations (downhill mover)"/>	
Checked bag. security	<input type="text"/>	<input type="text" value="current fitting of EDS replacing X-rays; tomographs"/>	
Passenger screening	<input type="text"/>		
Outbound passport	<input type="text" value="8"/>		
Gate lounges	<input type="text" value="11"/>	<input 1="" boarding"="" boarding,="" contact"="" for="" hall="" remote="" type="text" value="4 halls for "/>	
Loading bridges	<input type="text" value="35"/>		
Remote gates	<input type="text" value="4"/>	<input type="text" value="1 room dedicated to remote boarding"/>	
Inbound passport	<input type="text" value="10"/>		
Bag. claim unit	<input type="text" value="8"/>	<input type="text" value="8 baggage claim units, 2 for Schengen or international"/>	
Custom channels	<input type="text" value="1"/>	<input type="text" value="at exit of international baggage claim area"/>	
Direct Rail access	<input type="text" value="Yes"/>	<input type="text" value="automated transport on specific tracks: OrlyVal"/>	
First/ bus. lounges	<input type="text" value="2"/>		
Common use terminal	<input type="text" value="Yes"/>		



Paris (ORY), France

IATA Code: Airport: Region:

AIRPORT LAYOUT PLAN



クアラルンプール空港の緒元



Kuala Lumpur, Malaysia

IATA Code: Airport: Region:

AIRPORT IDENTIFICATION

ICAO Code: Country: Size (ha):

CAPACITY/DEVELOPMENT/OPERATION

	Available Capacity - 2001	Current/Planned Development	Under IATA procedures the airport is declared as:
Runway:	Capacity available all day	Planned development	<input type="checkbox"/> Level 1: Non-coordinated airport <input type="checkbox"/> Level 2: Schedules facilitated airport <input checked="" type="checkbox"/> Level 3: Fully coordinated airport
Apron:	Capacity available all day	Planned development	
Terminal:	Capacity available all day	Planned development	
Hours of Operation:	24 hours with two runways No current ban or restriction on any aircraft		
Scheduled airlines Operating in 2002:			
3Q, 8M, AI, BG, BI, BR, CI, CX, CZ, EK, GA, GF, HY, IC, IY, JL, JT, KE, KL, M8, MF, MH, MK, MZ, N5, NG, NH, QR, SQ, SV, TG, UB, UL, VJ, VN			

Geographical Distribution of Seats
(Scheduled Airlines) - Year 2002

Africa	89,834	0.8%
Europe	935,203	8.2%
Middle East	353,533	3.1%
North America		
Asia Pacific	10,025,405	87.9%
Latin America Caribbean		
Total	11,403,975	

Aircraft Mix (Scheduled Airlines)
Aircraft Movements - Year 2002

(1-49 seats)		
(50-124 seats)	1,227	2.2%
(125-179 seats)	31,771	56.9%
(180-249 seats)	5,451	9.8%
(250-349 seats)	14,093	25.2%
(more than 350 seats)	3,322	5.9%
Total	55,864	

GROUND ACCESS

Year:

Distance to city center (km):

Rail access: Train link airport-city Train link planned? Opening year?

Journey time (min): Estimated number of passengers using the train service:

Peak frequency 1 hour: in 2001: by 2005:

Modal split: Rail: % Bus: % Taxi: % Private car: % Unknown: %

Car parks: No.: Total parking spaces:

AIRPORT SERVICES

Year: 2002

Ground handling companies: Comments:

Catering companies:

Fuel suppliers:

Number of employees: Employed directly by airport operator: Total on site (est):



Kuala Lumpur, Malaysia

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999			11160121	577	116.589		112,660		45,063	70,949
2000	98,005	6,586	109,339	586	109,925		105,391	3,948	40,282	69,057
2001	104,223	6,273	113,147	443	113,590		110,496	2,651	41,885	71,262
2006	174,431	6,429	180,860				177,543	3,317	85,483	95,377
2011	233,098	6,429	239,527				236,210	3,317	113,212	126,315

Comments:

CURRENT/ FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	12,779,711	392,924	13,172,635	1,300,734		13,172,635		3,508,623	9,271,088
2000	14,352,848	380,028	14,732,876	1,322,527		14,732,876		4,104,026	10,248,822
2001	14,206,055	332,776	14,538,931	1,345,076		14,538,831		4,162,042	10,044,013
2006	22,191,787	400,000		2,218,513		22,591,787		8,277,341	14,314,446
2011	29,470,082	450,000		2,938,152		29,929,082		10,962,334	18,957,748

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	186,634	234,192	62.0 %			29,073	391,753
2000	285,568	229,645	64.4 %			31,400	483,812
2001	204,175	241,636	61.3 %			28,216	417,594
2006	333,282	396,799	65 %			60,937	669,145
2011	513,235	611,048	65 %			88,833	1,035,449

Comments:



Kuala Lumpur, Malaysia

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2001

Desig. 1	Cat	Desig. 2	Cat	Length (m)
14L	I	32R	I	4,124
14R	I	32L	I	4,056

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed (mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

Single Runway operations - 30 mvt/hour
Double Runway operations - 50 mvt/hour

DECLARED APRON CAPACITY (parking positions) Year:

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use
Cargo	21	21				42	
CP	10	10		10		30	
CP Remote	15	15	1	8		39	
SAT	19	19				38	
T Rerr	9	9				18	

Cat.1: B747/ B777/ A330/ A340
Cat.2: DC-10/ MD-11/ L-1011
Cat.3: B757/ B767/ A300/ A310
Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments: All KLIA "MARS" bays can park 2 B747 category aircraft. i.e. NLA & SJS stands. Those catering for B747 can also accommodate DC10 & MD11.

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2002

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
Main & satellite			7,130		No

Comments:

PLANNED AIRPORT DEVELOPMENT Year:

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
Expansion of Terminal and associated facilities				
Additional apron and maintenance facilities				
2nd Phase KLIA	Terminal	10m	2008	Planned



Kuala Lumpur, Malaysia

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL	<input type="text" value="Single"/>	Year	<input type="text" value="2002"/>
Concept	<input type="text" value="Centralised terminal & satellite"/>	Floor levels:	<input type="text" value="2"/>
Comments	<input type="text"/>		

Terminal size (m2)	<input type="text" value="241,000"/>	<input type="text"/>
Check-in desks	<input type="text" value="216"/>	<input type="text" value="check-in islands"/>
Outbound bag. system	<input type="text"/>	<input type="text" value="high speed belt conveyer"/>
Checked bag. security	<input type="text"/>	<input type="text" value="Advanced on-line screening"/>
Passenger screening	<input type="text"/>	<input type="text" value="At individual gates"/>
Outbound passport	<input type="text" value="48"/>	<input type="text"/>
Gate lounges	<input type="text" value="46"/>	<input type="text"/>
Loading bridges	<input type="text" value="46"/>	<input type="text"/>
Remote gates	<input type="text" value="60"/>	<input type="text" value="59 remote stands, 1 VVIP remote stand"/>
Inbound passport	<input type="text" value="60"/>	<input type="text"/>
Bag. claim unit	<input type="text" value="12"/>	<input type="text" value="3 domestic, 9 international"/>
Custom channels	<input type="text" value="26"/>	<input type="text"/>
Direct Rail access	<input type="text" value="Yes"/>	<input type="text" value="express Rail Link operational April 2002"/>
First/ bus. lounges	<input type="text"/>	<input type="text"/>
Common use terminal	<input type="text"/>	<input type="text"/>

図 13 上海・浦東空港の緒元



Shanghai, China

IATA Code: **PVG** Airport: **Pudong International** Region: **Asia & Pacific**

AIRPORT IDENTIFICATION

ICAO Code: **ZSPD** Country: **China** Size (ha): **3,200**

CAPACITY/ DEVELOPMENT/ OPERATION

	Available Capacity - 2001	Current/ Planned Development	Under IATA procedures the airport is declared as
Runway:	Capacity available all day	Current development	<input type="checkbox"/> Level 1: Non-coordinated airport
Apron:	Capacity available all day	Current development	<input type="checkbox"/> Level 2: Schedules facilitated airport
Terminal:	Capacity available all day	Planned development	<input type="checkbox"/> Level 3: Fully coordinated airport
Hours of Operation:	Operation of schedule or requisition		

Scheduled airlines Operating in 2002:

3Q, 4G, AC, AF, BI, CA, CJ, CZ, FM, HU, JD, JL, KA, KE, KL, LH, MF, MH, MU, NH, NW, NX, PR, RA, SC, SQ, SU, SZ, TG, UA, VS, XO, ZH

Geographical Distribution of Seats (Scheduled Airlines) - Year 2002

Africa		
Europe	566,399	7.2%
Middle East		
North America	436,251	5.6%
Asia Pacific	6,814,331	87.2%
Latin America / Caribbean		
Total	7,816,981	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

(1-49 seats)	3,006	7.1%
(50-124 seats)	10,857	25.7%
(125-179 seats)	11,185	26.5%
(180-249 seats)	10,905	25.8%
(250-349 seats)	4,604	10.9%
(more than 350 seats)	1,670	4.0%
Total	42,227	

GROUND ACCESS

Distance to city center (km):

Rail access: Train link airport- city No Train link planned? Yes Opening year? **2007**

Journey time (min) Estimated number of passengers using the train service:

Peak frequency/ hour in 2001: by 2005:

Modal split: Rail: 0 % Bus: 20 % Taxi: 30 % Private car: 50 % Unknown: %

Car parks: No.: 1 Total parking spaces: 3,460

AIRPORT SERVICES

Ground handling companies: 3 Comments:

Catering companies: 3

Fuel suppliers: 1

Number of employees: Employed directly by airport operator: 4,500 Total on site (est): 30,000



Shanghai, China

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999						7	3,819	31	3,249	610
2000			58,306			22	56,981	460	44,221	13,453
2001			77,575			25	75,760	599	58,421	18,066
2006			212,492			64				
2011			331,841			99				

Comments:

CURRENT/ FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	296,846	14,516		123,219	619			209,591	14,516
2000	5,543,667	297,760		764,483				3,697,479	1,846,188
2001	6,898,999	279,442		693,976				4,573,882	2,325,117
2006	23,600,000				7,440			9,600,000	14,000,000
2011	42,000,000				13,036			22,000,000	20,000,000

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	5,502	8,977	%			3,760	10,719
	108,547	158,135	%			71,915	194,767
2001	166,806	249,219	%			85,716	330,309

Comments: 2006 forecast total annual cargo 1,500,000
2011 Total annual cargo 2,300,000



Shanghai, China

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2002

Desig. 1	Cat	Desig. 2	Cat	Length (m)	Declared peak hour capacity		
<input type="text" value="17"/>	<input type="text" value="II"/>	<input type="text" value="35"/>	<input type="text" value="II"/>	<input type="text" value="4,000"/>	Departures: <input type="text" value="30"/>	Arrivals: <input type="text" value="25"/>	Total: <input type="text" value="30"/>
Capacity assessment made under conditions: VFR <input type="checkbox"/> IFR <input checked="" type="checkbox"/>					Capacity limit dictated by:		
					<input type="checkbox"/> Noise consideration <input checked="" type="checkbox"/> ATC consideration <input type="checkbox"/> Runway consideration <input type="checkbox"/> Apron consideration <input type="checkbox"/> Terminal consideration		
Average delay assumed (mins): <input type="text"/>							

DECLARED APRON CAPACITY (parking positions) Year: 2002

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use	
Cargo	<input type="text" value="7"/>	<input type="text"/>	<input type="text" value="1"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="8"/>	<input type="text" value="8"/>	Cat.1: B747/ B777/ A330/ A340
Remote	<input type="text" value="21"/>	<input type="text"/>	<input type="text" value="12"/>	<input type="text" value="3"/>	<input type="text"/>	<input type="text" value="36"/>	<input type="text" value="36"/>	Cat.2: DC-10/ MD-11/ L-1011
Terminal 1	<input type="text" value="20"/>	<input type="text"/>	<input type="text" value="8"/>	<input type="text"/>	<input type="text"/>	<input type="text" value="28"/>	<input type="text" value="28"/>	Cat.3: B757/ B767/ A300/ A310
								Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments:

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2002

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
<input type="text" value="1"/>	<input type="text" value="3,195"/>	<input type="text" value="710"/>	<input type="text" value="3,195"/>	<input type="text" value="7,100"/>	<input type="text" value="No"/>

Comments:

PLANNED AIRPORT DEVELOPMENT Year:

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
Phase Two Runway	<input type="text" value="Runway"/>	<input type="text"/>	<input type="text" value="2005"/>	<input type="text" value="Actual"/>
Terminal Two	<input type="text" value="Terminal"/>	<input type="text"/>	<input type="text" value="2007"/>	<input type="text" value="Planned"/>



Shanghai, China

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL	<input type="text" value="Terminal 1"/>	Year	<input type="text" value="2002"/>
Concept	<input type="text" value="Linear"/>	Floor levels:	<input type="text" value="3"/>
Comments	<input type="text"/>		

Terminal size (m2)	<input type="text" value="278,000"/>	<input type="text"/>
Check-in desks	<input type="text" value="192"/>	<input type="text" value="international (108), domestic (84)"/>
Outbound bag. system		<input type="text"/>
Checked bag. security	<input type="text" value="9"/>	<input type="text" value="International (5), Domestic (4)"/>
Passenger screening	<input type="text" value="19"/>	<input type="text"/>
Outbound passport	<input type="text" value="26"/>	<input type="text"/>
Gate lounges	<input type="text" value="35"/>	<input type="text"/>
Loading bridges	<input type="text" value="28"/>	<input type="text" value="international (14), domestic (14)"/>
Remote gates	<input type="text" value="7"/>	<input type="text" value="international (3), domestic (4)"/>
Inbound passport	<input type="text" value="26"/>	<input type="text"/>
Bag. claim unit	<input type="text" value="13"/>	<input type="text" value="International (7), Domestic (6)"/>
Custom channels	<input type="text" value="6"/>	<input type="text"/>
Direct Rail access	<input type="text" value="No"/>	<input type="text"/>
First/ bus. lounges	<input type="text" value="12"/>	<input type="text"/>
Common use terminal	<input type="text" value="Yes"/>	<input type="text"/>



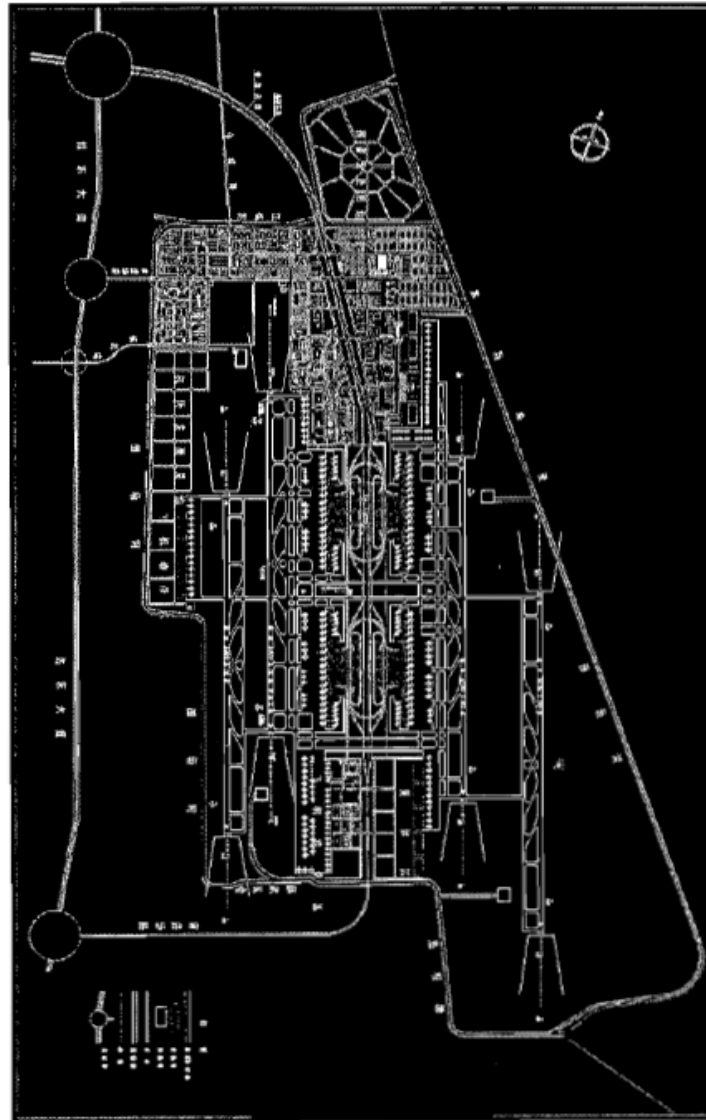
Shanghai, China

IATA Code: **PVG**

Airport: **Pudong International**

Region: **Asia & Pacific**

AIRPORT LAYOUT PLAN



チャンギ空港の緒元



Singapore, Singapore

IATA Code: **SIN** Airport: **Changi International** Region: **Asia & Pacific**

AIRPORT IDENTIFICATION

ICAO Code: **WSSS** Country: **Singapore** Size (ha): **1,300**

CAPACITY/ DEVELOPMENT/ OPERATION

Available Capacity - 2001		Current/ Planned Development	Under IATA procedures the airport is declared as:
Runway:	Capacity available all day		<input type="checkbox"/> Level 1: Non-coordinated airport
Apron:	Near saturated at peak hours	Current development	<input type="checkbox"/> Level 2: Schedules facilitated airport
Terminal:	Capacity available all day	Current development	<input type="checkbox"/> Level 3: Fully coordinated airport
Hours of Operation:	No restrictions		

Scheduled airlines Operating in 2002:

3Q, 5J, 6M, 8M, A403, AF, AI, AO, AY, BA, BG, BI, BO, BR, CA, CI, CX, CZ, EK, FE, GA, GF, HM, IC, JL, KE, KL, KU, LH, LX, M8, MD, MH, MI, MK, MS, MU, MZ, NH, NW, NX, NZ, OZ, PG, PK, PR, PX, QF, RI, SK, SQ, SR, SU, SV, SZ, TG, TK, UA, UB, UL, VN

Geographical Distribution of Seats (Scheduled Airlines) - Year 2002

Africa	181,288	0.8%
Europe	2,509,030	11.7%
Middle East	502,357	2.3%
North America		
Asia Pacific	18,249,026	85.1%
Latin America Caribbean		
Total	21,441,701	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

11-49 seats)		
(50-124 seats)	3,130	4.0%
(125-179 seats)	14,465	18.4%
(180-249 seats)	16,633	21.1%
(250-349 seats)	22,160	28.2%
(more than 350 seats)	22,296	28.3%
Total	78,684	

GROUND ACCESS

Year: 2002

Distance to city center (km): **20**

Rail access: Train link airport-city **Yes** Train link planned? Opening year? **2002**

Journey time (min) **25** Estimated number of passengers using the train service: in 2001: by 2005:

Peak frequency 1 hour **12**

Modal split: Rail: **20**% Bus: **16**% Taxi: **49**% Private car: **15**% Unknown: %

Car parks: No.: **3** Total parking spaces: **2,000**

AIRPORT SERVICES

Year: 2002

Ground handling companies: **2** Comments: **Ground handling companies exclude airlines who handle their own flights.**

Catering companies: **2**

Fuel suppliers: **6**

Number of employees: Employed directly by airport operator: **1,300** Total on site (est): **30,000**



Singapore, Singapore

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	160,800	5,161	165,961	8,770	174,731					165,961
2000	169,207	4,740	173,947	10,586	184,533	47				173,947
2001	174,638	4,721	179,359	10,937	190,296	47				179,359

Comments:

CURRENT/ FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999		1,600,000	26,100,000	2,400,000					26,100,000
2000		1,700,000	28,600,000	2,600,000					28,600,000
2001		1,600,000	28,100,000	2,500,000					28,100,000

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	760,000	740,000	<input type="text"/> %				
2000	850,000	830,000	<input type="text"/> %				1,680,000
2001	780,000	730,000	<input type="text"/> %				1,510,000

Comments:



Singapore, Singapore

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2002

Desig. 1	Cat	Desig. 2	Cat	Length (m)
02L	II	20R	I	4,000
02R	I	20L	II	4,000

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed (mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

DECLARED APRON CAPACITY (parking positions) Year: 2002

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use	
1	27		4	2		33	33	Cat.1: B747/ B777/ A330/ A340
2	21	2	11			34	34	Cat.2: DC-10/ MD-11/ L-1011
Cargo	10					10	10	Cat.3: B757/ B767/ A300/ A310
Remote	20		11	3	3	37	37	Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments:

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2002

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
T1	4,400	included	5,200		No
T2	5,000	included	4,800		No

Comments:

PLANNED AIRPORT DEVELOPMENT Year: 2002

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
New Remote Parking Stands	Apron	7.5m	2004	Planned
Terminal 3	Terminal	0.9 billion	2007	Planned



Singapore, Singapore

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL	<input type="text" value="T1"/>		Year	<input type="text" value="2002"/>
Concept	<input type="text" value="Main Terminal Building with Finger Piers"/>		Floor levels:	<input type="text" value="4"/>
Comments	<input type="text"/>			
Terminal size (m2)	<input type="text" value="276,000"/>	<input type="text"/>		
Check-in desks	<input type="text" value="160"/>	<input type="text" value="island concept"/>		
Outbound bag. system		<input type="text" value="manual sortation"/>		
Checked bag. security	<input type="text" value="14"/>	<input type="text" value="Manual screening at check- in islands"/>		
Passenger screening	<input type="text" value="33"/>	<input type="text" value="Decentralised security screening at boarding gate lounges"/>		
Outbound passport	<input type="text" value="20"/>	<input type="text"/>		
Gate lounges	<input type="text" value="33"/>	<input type="text" value="excluding bus gates"/>		
Loading bridges	<input type="text" value="33"/>	<input type="text"/>		
Remote gates	<input type="text" value="11"/>	<input type="text"/>		
Inbound passport	<input type="text" value="36"/>	<input type="text"/>		
Bag. claim unit	<input type="text" value="8"/>	<input type="text"/>		
Custom channels	<input type="text" value="8"/>	<input type="text"/>		
Direct Rail access	<input type="text" value="No"/>	<input type="text"/>		
First/ bus. lounges	<input type="text" value="8"/>	<input type="text"/>		
Common use terminal	<input type="text" value="Yes"/>	<input type="text"/>		

TERMINAL	<input type="text" value="T2"/>		Year	<input type="text" value="2002"/>
Concept	<input type="text" value="Main Terminal Building with Finger Piers"/>		Floor levels:	<input type="text" value="4"/>
Comments	<input type="text"/>			
Terminal size (m2)	<input type="text" value="358,000"/>	<input type="text"/>		
Check-in desks	<input type="text" value="144"/>	<input type="text" value="island concept"/>		
Outbound bag. system		<input type="text" value="automatic sortation"/>		
Checked bag. security	<input type="text" value="12"/>	<input type="text" value="Manual Screening at check-in islands"/>		
Passenger screening	<input type="text" value="34"/>	<input type="text" value="Decentralised security screening at boarding gate lounges"/>		
Outbound passport	<input type="text" value="20"/>	<input type="text"/>		
Gate lounges	<input type="text" value="34"/>	<input type="text" value="excluding bus gates"/>		
Loading bridges	<input type="text" value="34"/>	<input type="text"/>		
Remote gates	<input type="text" value="15"/>	<input type="text"/>		
Inbound passport	<input type="text" value="36"/>	<input type="text"/>		
Bag. claim unit	<input type="text" value="8"/>	<input type="text"/>		
Custom channels	<input type="text" value="8"/>	<input type="text"/>		
Direct Rail access	<input type="text" value="Yes"/>	<input type="text"/>		
First/ bus. lounges	<input type="text" value="4"/>	<input type="text"/>		
Common use terminal	<input type="text" value="Yes"/>	<input type="text"/>		



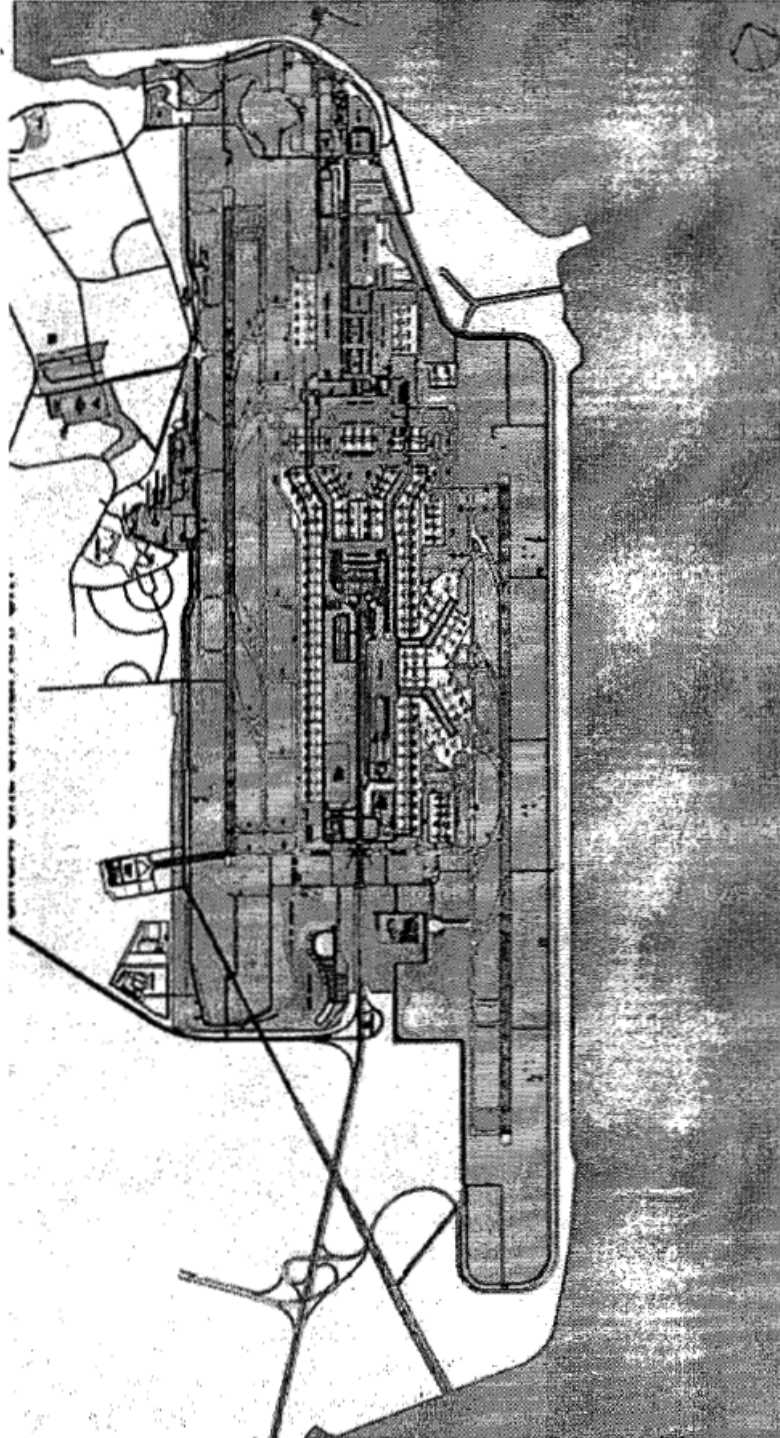
Singapore, Singapore

IATA Code:

Airport:

Region:

AIRPORT LAYOUT PLAN





Sharjah, United Arab Emirates

IATA Code: Airport: Region:

AIRPORT IDENTIFICATION

ICAO Code: Country: Size (ha):

CAPACITY/ DEVELOPMENT/ OPERATION

Available Capacity - 2001 Current/ Planned Development Under IATA procedures the airport is declared as:

Runway: Level 1: Non-coordinated airport

Apron: Level 2: Schedules facilitated airport

Terminal: Level 3: Fully coordinated airport

Hours of Operation:

Scheduled airlines Operating in 2002:

Geographical Distribution of Seats (Scheduled Airlines)- Year 2002

Africa	23,907	5.1%
Europe	23,449	5.0%
Middle East	76,811	16.4%
North America		
Asia Pacific	344,483	73.5%
Latin America & Caribbean		
Total	468,650	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

(1-49 seats)		
(50-124 seats)	9	0.8%
(125-179 seats)	1,406	56.7%
(180-249 seats)	949	38.3%
(250-349 seats)	2	0.1%
(more than 350 seats)	105	4.2%
Total	24811	

GROUND ACCESS

Distance to city center (km):

Rail access: Train link airport- city Train link planned? Opening year?

Journey time (min) Estimated number of passengers using the train service:

Peak frequency 1 hour in 2001: by 2005:

Modal split: Rail: % Bus: % Taxi: % Private car: % Unknown: %

Car parks: No.: Total parking spaces:

AIRPORT SERVICES

Ground handling companies: Comments:

Catering companies:

Fuel suppliers:

Number of employees: Employed directly by airport operator: Total on site (est)



Sharjah, United Arab Emirates

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	12,592	14,985	27,577	4,394	31,971					27,577
2000	12,098	13,899	25,997							25,997
2001	11,751	12,680	24,431	2,204	26,635					24,431
2006	12,926	13,948	26,874							26,874
2011	14,218	15,343	29,561							29,561

Comments:

CURRENT/FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (Counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	745,530	255,146						1,176	1,000,676
2000	672,145	276,062							948,207
2001	666,419	195,059							861,478
2006	733,060	214,564							947,624
2011	806,366	236,020							1,042,386

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	271,213	309,395	<input type="text"/> %				580,608
2000	219,683	255,490	<input type="text"/> %				475,173
2001	193,250	222,336	<input type="text"/> %				415,606
2006	212,575	244,569	<input type="text"/> %				457,144
2011	233,832	269,025	<input type="text"/> %				502,854

Comments:



Sharjah, United Arab Emirates

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year:

Desig. 1	Cat	Desig. 2	Cat	Length (m)
<input type="text" value="12"/>	<input type="text"/>	<input type="text" value="30"/>	<input type="text"/>	<input type="text" value="4,060"/>

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed (mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

DECLARED APRON CAPACITY (parking positions) Year:

- Cat.1: B747/ B777/ A330/ A340
- Cat.2: DC-10/ MD-11/ L-1011
- Cat.3: B757/ B767/ A300/ A310
- Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments:

DECLARED TERMINAL CAPACITY (passengers per hour) Year:

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
<input type="text" value="1"/>	<input type="text" value="2,500"/>	<input type="text" value="100"/>	<input type="text" value="2,500"/>	<input type="text" value="5,100"/>	<input type="text"/>

Comments:

PLANNED AIRPORT DEVELOPMENT Year:



Sharjah, United Arab Emirates

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL	<input type="text" value="1"/>	Year	<input type="text"/>
Concept	<input type="text"/>	Floor levels:	<input type="text"/>
Comments	<input type="text"/>		

Terminal size (m2)	<input type="text"/>	<input type="text"/>
Check-in desks	<input type="text" value="26"/>	<input type="text"/>
Outbound bag. system	<input type="text"/>	<input type="text"/>
Checked bag. security	<input type="text" value="3"/>	<input type="text"/>
Passenger screening	<input type="text" value="4"/>	<input type="text"/>
Outbound passport	<input type="text" value="10"/>	<input type="text"/>
Gate lounges	<input type="text" value="8"/>	<input type="text"/>
Loading bridges	<input type="text" value="3"/>	<input type="text"/>
Remote gates	<input type="text"/>	<input type="text"/>
Inbound passport	<input type="text" value="12"/>	<input type="text"/>
Bag. claim unit	<input type="text" value="2"/>	<input type="text"/>
Custom channels	<input type="text" value="1"/>	<input type="text"/>
Direct Rail access	<input type="text"/>	<input type="text"/>
First/ bus. lounges	<input type="text" value="2"/>	<input type="text"/>
Common use terminal	<input type="text"/>	<input type="text"/>

フランクフルト空港の緒元



Frankfurt/ Main, Germany

IATA Code: Airport: Region:

AIRPORT IDENTIFICATION

ICAO Code: Country: Size (ha):

CAPACITY/ DEVELOPMENT/ OPERATION

	Available Capacity - 2001	Current/ Planned Development	Under IATA procedures the airport is declared as:
Runway:	Near saturated most of the day	Planned development	<input type="checkbox"/> Level 1: Non-coordinated airport
Apron:	Near saturated at peak hours	Planned development	<input type="checkbox"/> Level 2: Schedules facilitated airport
Terminal:	Near saturated at peak hours	Planned development	<input checked="" type="checkbox"/> Level 3: Fully coordinated airport
Hours of Operation:	Night curfew hours: from 23:00 hr to 05:00 hr		

Scheduled airlines Operating in 2002:

5M, 6W, 7B, 9V, 9Y, A192, A3, A333, A350, A360, A455, A9, AA, AB, AC, AF, AH, AI, AT, AY, AZ, B2, BA, BD, BG, BI, BT, C9, CA, CI, CL, CO, CX, CY, D9, DB, DE, DL, DM, EI, EK, EN, ET, EW, FI, FV, GA, GF, HF, HM, HY, IB, IN, IQ, IR, IY, JA, JJ, JK, JL, JP, JU, K2, KE, KL, KM, KQ, KU, LA, LG, LH, LN, LO, LT, LV, LX, LY, LZ, MA, ME, MH, MK, MS, MV, N3, N5, NG, NH, NW, OA, OK, OS, OU, OV, OZ, PK, PS, QF, QH, QI, QR, R3, R8, RB, RD, RG, RJ, RM, RO, S4, S7, SA, SK, SQ, ST, SU, SV, SW, T5, TE, TG, TH, TK, TP, TS, TU, UA, UL, UN, US, VO, XM, XQ, YP, YW, Z6, Z8, ZS

Geographical Distribution of Seats (Scheduled Airlines) - Year 2002

Africa	1,141,541	3.5%
Europe	21,375,193	66.4%
Middle East	1,017,041	3.2%
North America	4,282,795	13.3%
Asia Pacific	3,487,415	10.8%
Latin America Caribbean	896,426	2.8%
Total	32,200,411	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

(1-49 seats)	17,655	8.5%
(50-124 seats)	68,266	33.0%
(125-179 seats)	65,666	31.7%
(180-249 seats)	36,012	17.4%
(250-349 seats)	7,042	3.4%
(more than 350 seats)	12,289	5.9%
Total	206,930	

GROUND ACCESS

Year: 2002

Distance to city center (km):	<input type="text" value="15"/>
Rail access: Train link airport- city	<input type="text" value="Yes"/>
Journey time (min)	<input type="text" value="10"/>
Peak frequency 1hour	<input type="text" value="4-6"/>
Modal split: Rail:	<input type="text" value="27"/> %
Bus:	<input type="text" value="6"/> %
Taxi:	<input type="text" value="19"/> %
Private car:	<input type="text" value="47"/> %
Unknown:	<input type="text" value=""/>
Car parks: No.:	<input type="text" value="2"/>
Total parking spaces:	<input type="text" value="36,500"/>

AIRPORT SERVICES

Year: 2001

Ground handling companies:	<input type="text" value="2"/>	Comments:	<input type="text"/>
Catering companies:	<input type="text" value="4"/>		
Fuel suppliers:	<input type="text" value="6"/>		
Number of employees:	Employed directly by airport operator:	<input type="text" value="15,526"/>	Total on site (est): <input type="text" value="62,000"/>



Frankfurt/ Main, Germany

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	408,205	21,700	429,905	9,188	439,093					
2000	425,906	23,738	449,644	9,087	458,731					
2001	426,392	22,107	448,499	7,953	456,452			10,876	92,359	356,140
2006										
2011										

Comments:

CURRENT/ FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999	45,434,596	423,719	45,858,315					8,342,264	37,092,332
2000	49,047,216	313,414	49,360,630					8,804,242	40,242,974
2001	48,301,758	267,160	48,568,918	4,865,748	13,586	46,890,801	1,402,078	8,192,065	40,109,673
2006									
2011									

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011: %

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Charter	Total Domestic	Total Internat.
1999			%			51,663	1,352,692
2000			%			54,066	1,519,176
2001	754,277	859,015	49 %	1,601,743	11,436	105,304	1,507,988
2006			%				
2011			%				

Comments:



Frankfurt/ Main, Germany

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2002

Desig. 1	Cat	Desig. 2	Cat	Length (m)
25L	IIIb	07R	IIIb	4,000
25R	IIIb	07L	IIIb	4,000
18	IIIb	36		4,000

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed (mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

DECLARED APRON CAPACITY (parking positions) Year: 2000

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use
1	26	6	4	14		50	
2	9	4				13	
Cargo	25	2				27	
Remote	14	7	12	19	11	63	

Cat.1: B747/ B777/ A330/ A340
 Cat.2: DC-10/ MD-11/ L-1011
 Cat.3: B757/ B767/ A300/ A310
 Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments:

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2000

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
T 1+2	10,500		9,000	14,000	No

Comments:

PLANNED AIRPORT DEVELOPMENT Year: 2002

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
Construction of a 4th runway	Runway		2006	Planned
Construction of an additional terminal (3) and apron area	Apron, Terminal		2007	Planned



Frankfurt/ Main, Germany

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL Year

Concept Floor levels:

Comments

Terminal size (m2)	<input type="text" value="415,000"/>	
Check-in desks	<input type="text" value="244"/>	
Outbound bag. system		<i>(Tub-based) Baggage Handling System (GFA)</i>
Checked bag. security		<i>100% HBS under construction</i>
Passenger screening	<input type="text" value="62"/>	
Outbound passport	<input type="text" value="44"/>	
Gate lounges	<input type="text" value="102"/>	<i>incl. remote gates</i>
Loading bridges	<input type="text" value="78"/>	
Remote gates		
Inbound passport	<input type="text" value="52"/>	
Bag. claim unit	<input type="text" value="22"/>	
Custom channels	<input type="text" value="7"/>	<i>7 exits with multiple channels</i>
Direct Rail access	<input type="text" value="Yes"/>	<i>2 stations for regional and long distance trains</i>
First/ bus. lounges	<input type="text" value="14"/>	
Common use terminal	<input type="text" value="Yes"/>	<i>concourses A + B-West used by Star Alliance</i>

TERMINAL Year

Concept Floor levels:

Comments

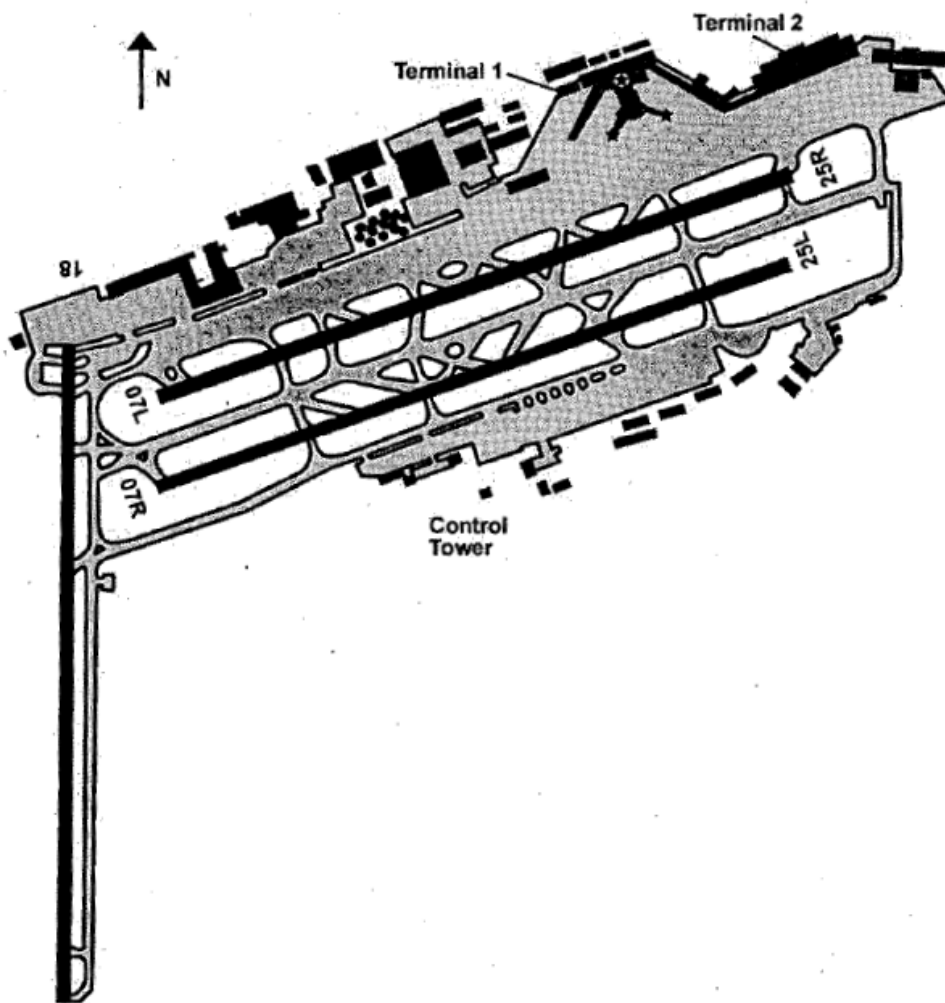
Terminal size (m2)	<input type="text" value="330,000"/>	
Check-in desks	<input type="text" value="134"/>	
Outbound bag. system		<i>(Tub-based) Baggage Handling System (GFA)</i>
Checked bag. security		<i>100% HBS under construction</i>
Passenger screening	<input type="text" value="18"/>	
Outbound passport	<input type="text" value="14"/>	
Gate lounges	<input type="text" value="33"/>	<i>incl. remote gates</i>
Loading bridges	<input type="text" value="22"/>	
Remote gates		
Inbound passport	<input type="text" value="28"/>	
Bag. claim unit	<input type="text" value="12"/>	
Custom channels	<input type="text" value="2"/>	<i>2 exits with multiple channels</i>
Direct Rail access	<input type="text" value="Yes"/>	<i>passenger Transport System + Bus</i>
First/ bus. lounges	<input type="text" value="3"/>	
Common use terminal	<input type="text" value="Yes"/>	



Frankfurt/ Main , Germany

IATA Code: Airport: Region:

AIRPORT LAYOUT PLAN



アムステルダム空港の緒元



Amsterdam, Netherlands

IATA Code: **AMS** Airport: **Amsterdam Airport Schiphol** Region: **Europe**

AIRPORT IDENTIFICATION

ICAO Code: **EHAM** Country: **Netherlands** Size (ha): **2,678**

CAPACITY/ DEVELOPMENT/ OPERATION

Available Capacity - 2001 **Current/** Planned Development

Under IATA procedures the airport is declared as:

Runway:	Near saturated at peak hours	Current development	<input type="checkbox"/> Level 1: Non-coordinated airport
Apron:	Near saturated at peak hours	Planned development	<input type="checkbox"/> Level 2: Schedules facilitated airport
Terminal:	Capacity available all day	Planned development	<input type="checkbox"/> Level 3: Fully coordinated airport
Hours of Operation:	Night restrictions between 23:00 and 06:00, only Chapter 3 Aircraft are allowed.		

Scheduled airlines Operating in 2002:

6M, 6N, A192, A357, A431, A6, A9, AC, AF, AT, AY, AZ, BA, BD, BR, BU, C9, CB, CI, CL, CO, CX, CY, CZ, DE, DL, DM, DN, EI, EN, ET, EW, FD, FI, FV, GA, GJ, GR, HV, IB, IG, IN, IR, JL, JP, JU, K8, KE, KL, KM, KQ, KU, LH, LN, LO, W, LY, MA, MH, MP, MS, NG, NW, OA, OK, OS, OU, PK, PS, QE, R3, RB, RD, RG, RJ, RO, RQ, SI, SK, SN, SQ, SU, TE, TH, TK, TP, TU, U2, UA, UK, US, VB, VO, VR, WW, XT, YS, Z8

Geographical Distribution of Seats (Scheduled Airlines) - Year 2002

Africa	978,136	4.3%
Europe	15,483,602	67.5%
Middle East	684,865	3.0%
North America	3,071,706	13.4%
Asia Pacific	1,857,952	8.1%
Latin America Caribbean	854,102	3.7%
Total	22,930,363	

Aircraft Mix (Scheduled Airlines) Aircraft Movements - Year 2002

(1-49 seats)	29,210	15.9%
(50-124 seats)	91,881	49.9%
(125-179 seats)	33,495	18.2%
(180-249 seats)	17,378	9.4%
(250-349 seats)	7,450	4.0%
(more than 350 seats)	4,553	2.5%
Total	183,967	

GROUND ACCESS

Distance to city center (km): **15**

Rail access: Train link airport- city **Yes** Train link planned? Opening year?

Journey time (min) **10** Estimated number of passengers using the train service: in 2001: **17,685,000** by 2005: **19,000,000**

Peak frequency 1hour **4**

Modal split: Rail: **33** % Bus: **4** % Taxi: **16** % Private car: **46** % Unknown: %

Car parks: No.: **3** Total parking spaces: **29,900**

AIRPORT SERVICES

Ground handling companies: **7** Comments: **Groundhandling companies include 3 Cargo Handlers**

Catering companies: **3**

Fuel suppliers: **3**

Number of employees: Employed directly by airport operator: **2,039** Total on site (est): **53,881**



Amsterdam, Netherlands

IATA Code: Airport: Region:

CURRENT/ FORECAST COMMERCIAL AIRCRAFT MOVEMENTS

Year	Passenger aircraft	Cargo aircraft	Total Commercial	General aviation	Total annual movements	Peak hr. Total	Total Scheduled	Total Chatter	Total Domestic	Total Internat.
1999	381,089	12,517	393,606	16,393	409,999	110	362,579	31,027	8,388	385,218
2000	403,048	11,880	414,928	17,552	432,480	112	381,651	33,277	7,718	407,210
2001	404,781	11,681	416,462	15,639	432,101	110	382,614	33,848	7,402	409,060
2006	526,100	14,200	540,400							
2011										

Comments:

CURRENT/ FORECAST PASSENGER TRAFFIC

Year	Total terminal passengers	Direct transit (counted once)	Total annual passengers	Peak Month	Peak Hour	Total Scheduled	Total Chatter	Total Domestic	Total Internat.
1999	36,425,113	346,902	36,772,015			32,099,597	4,325,516	163,397	36,261,716
2000	39,270,610	336,315	39,606,925			34,496,436	4,774,174	170,500	39,100,110
2001	39,309,441	221,682	39,531,123			34,597,071	4,712,370	142,348	39,167,093
2006	54,530,000								
2011									

Estimated share of connecting traffic (excluding transit pax) for year: 2001: % 2006: % 2011:

Comments:

CURRENT/ FORECAST CARGO TRAFFIC (freight plus mail combined in metric tonnes)

Year	Total annual inbound	Total annual outbound	Share carried on cargo aircraft	Total Scheduled	Total Chatter	Total Domestic	Total Internat.
1999	587,552	593,165	49.7 %	957,449	223,268		1,180,717
2000	592,436	630,158	49.2 %	964,203	258,391		1,222,594
2001	558,441	624,767	49.2 %	944,857	238,351	4	1,183,204
2006	730,000	764,000	47.2 %				
2011							

Comments:



Amsterdam, Netherlands

IATA Code: Airport: Region:

RUNWAY DESCRIPTION AND PEAK HOUR CAPACITY Year: 2002

Desig. 1	Cat	Desig. 2	Cat	Length (m)
01L	III	19R	III	3,300
01R	II	19L		3,400
04		22	I	2,014
06	III	24		3,500
09		27	III	3,453

Declared peak hour capacity

Departures: Arrivals: Total:

Capacity assessment made under conditions:

VFR IFR

Average delay assumed

(mins):

Capacity limit dictated by:

- Noise consideration
- ATC consideration
- Runway consideration
- Apron consideration
- Terminal consideration

Schiphol typically uses 3 runways simultaneously in single mode use (landing or start mode). Two peaks-landing peak: 2 landing rwy's + 1 departure rwy. departure peak: 1 landing rwy + 2 departure rwy's. Total declared capacity varies per peak: 104 in a landing peak, 108 in a departure peak.

DECLARED APRON CAPACITY (parking positions) Year: 2002

Terminal	Cat.1	Cat.2	Cat.3	Cat.4	Other	Total	Common use	
Cargo	19					19	19	Cat.1: B747/ B777/ A330/ A340
Remote	10		3	7	33	53	53	Cat.2: DC-10/ MD-11/ L-1011
T1	25	8	17	37		87	87	Cat.3: B757/ B767/ A300/ A310 Cat.4: B727/ B737/ A319/ DC-9/ MD-80/ MD-90

Comments:

DECLARED TERMINAL CAPACITY (passengers per hour) Year: 2001

Terminal	Departing passenger	Transfer passenger	Arriving passenger	Total passenger	Capacity reached
Part 1,2,3	7,200		5,510		No

Comments:

PLANNED AIRPORT DEVELOPMENT Year: 2003

Project Description	Additional capacity	Capital Cost (USD)	Year in operation	Project status
5th runway	Runway	300m	2003	Completed
People mover to new pier	Terminal	50m	2005	Actual
New J-pier (west extension)	Apron, Terminal	100m	2005	Actual
Western terminal extension	Terminal	200m	2005	Actual
Apron extensions	Apron	50m	2005/6	Actual
Southern A-pier extension + people mover	Apron, Terminal	200m	2006/7	Planned



Amsterdam, Netherlands

IATA Code: Airport: Region:

TERMINAL DETAILS

TERMINAL	<input type="text" value="Part 1,2,3"/>	Year	<input type="text" value="2001"/>
Concept	<input type="text" value="One Terminal concept"/>	Floor levels:	<input type="text" value="3"/>
Comments	<input type="text" value="One Terminal building divided into 3 parts"/>		

Terminal size (m2)	<input type="text"/>	<input type="text"/>
Check-in desks	<input type="text" value="300"/>	<input type="text"/>
Outbound bag. system	<input type="text"/>	<input type="text"/>
Checked bag. security	<input type="text" value="8"/>	<input type="text"/>
Passenger screening	<input type="text" value="8"/>	<input type="text"/>
Outbound passport	<input type="text" value="17"/>	<input type="text"/>
Gate lounges	<input type="text"/>	<input type="text"/>
Loading bridges	<input type="text" value="89"/>	<input type="text"/>
Remote gates	<input type="text"/>	<input type="text"/>
Inbound passport	<input type="text" value="31"/>	<input type="text"/>
Bag. claim unit	<input type="text"/>	<input type="text"/>
Custom channels	<input type="text" value="3"/>	<input type="text"/>
Direct Rail access	<input type="text"/>	<input type="text"/>
First/ bus. lounges	<input type="text"/>	<input type="text"/>
Common use terminal	<input type="text" value="No"/>	<input type="text" value="KLM is dedicated to Part 2"/>



Amsterdam, Netherlands

IATA Code:

Airport:

Region:

AIRPORT LAYOUT PLAN

