Asia/Pacific Airport Coordinators Association (APACA)

Agenda Item 4

2020 Tokyo Olympics

17th APACA meeting 13 November, 2018 Madrid, Spain

2020 Tokyo Olympics and Paralympics Games



Games of the XXXII Olympiad 24 July (Friday) - 9 August (Sunday) 2020

Tokyo 2020 Paralympic Games
25 August (Tuesday) - 6 September (Sunday) 2020

Capacity of the Metropolitan Airports

Capacity expansion of the Metropolitan Airports (Haneda/Narita) over recent years



Capacity Expansion Plans for HND & NRT

Current annual slots at metropolitan airports

Haneda Airport (HND) Annual slots: 447,000 (Domestic: 357,000, International: 90,000) Narita Airport (NRT) Annual slots: 300.000

Further functional enhancement of metropolitan airports

Policies to be developed on future functional enhancement at metropolitan airports

based on the interim report of Subcommittee for Technical Review to Enhance Functions of the Metropolitan Airports



Haneda Airport Possible Measures by 2020



Specification of Tokyo International Airport (Haneda)								
Airport Location	14 km South of	14 km South of Tokyo Station (Japan Railway)						
Runways	A-runway	16R/34L	3,000m X 60m					
	B-runway	04/22	2,500m X 60m					
	C-runway	16L/34R	3,360m X 60m					
	D-runway	05/23	2,500m X 60m					
Passenger Terminal Building	Domestic Terminal – 1		292,400m ² , 25 boarding bridges, mainly used by JAL group					
	Domestic Terminal – 2		255,600m, 24 boarding bridges, mainly used by ANA group					
	International Terminal		236,000m ² , 18 boarding bridges					
Aircraft Parking	Domestic	152 parking st	ands					
Stand	International	45 parking stands						

Statistical Data for Haneda Airport

Aircraft Movements



Annual Cargo



		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aircraft Movements	DOM	328,316	323,698	324,556	342,838	351,068	361,556	370,264	373,120	369,704	368,996
	INT	11,296	12,018	18,248	36,832	40,088	41,686	55,340	65,422	78,754	84,130
	TTL	339,612	335,716	342,804	379,670	391,156	403,242	425,604	438,542	448,458	453,126
Annual Passengers	DOM	64,351,194	59,344,192	60,328,769	55,529,760	58,791,782	60,449,654	62,162,813	62,500,489	64,935,063	68,405,289
	INT	2,356,019	2,590,110	3,882,305	7,068,591	7,928,663	7,974,122	10,580,950	12,754,453	15,174,739	16,895,012
	TTL	66,707,213	61,934,302	64,211,074	62,598,351	66,720,445	68,423,776	72,743,763	75,254,942	80,109,802	85,300,301
Annual Cargo	DOM	761,881	721,214	725,435	693,772	709,219	739,409	765,545	755,828	730,777	743,542
	INT	10,736	11,964	35,722	123,084	137,457	149,803	269,105	332,065	420,015	541,139
	TTL	772,617	733,178	761,157	816,856	846,676	889,212	1,034,650	1,087,893	1,150,792	1,284,681



Change of Runway Operation & Flight Routes (South-wind operation)



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Change of Runway Operation & Flight Routes (North-wind operation)

Process toward Functional Enhancement at Haneda Airport



Narita Airport Possible Measures by 2020

Narita International Airport



Specification of Narita International Airport								
Airport Location	58 Km east of Tokyo Metropolitan City							
Runways	A-runway	16R/34L	4,000m X 60m					
	B-runway 16L/34R 2,500m X 60m							
Passenger Terminal Building	Terminal – 1		463,000m ² , 80 boarding bridges, mainly used by SkyTeam (North Wing) and Star Alliance (ANA, South Wing)					
	Terminal – 2		391,000m, 62 boarding bridges, mainly used by One World (JAL)					
	Terminal – 3	1	67,000m ² , No boarding bridges					
Aircraft Parking Stand	Domestic +Ir	nternational	169 parking stands 12					

Statistical Data for Narita Airport

Aircraft Movements Annual Passengers Annual Cargo INT DOM x 1,000 x 1,000 x 1,000 300 40,000 2,500 280 35,000 260 240 2,000 30,000 220 200 25,000 180 1,500 160 20,000 140 120 1,000 15,000 100 80 10,000 60 500 40 5,000 20 0 0 0 2008200920102011201220132014201520162017 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017 2008 2009 2010 2011 2012 2013 2014 2015 2016 2017

		2008	2009	2010	2011	2012	2013	2014	2015	2016	2017
Aircraft Movements	DOM	13,509	14,454	18,918	20,955	35,379	47,406	52,444	52,086	52,202	55,338
	INT	179,812	172,833	172,541	162,495	173,325	175,982	178,598	181,414	192,550	197,602
	TTL	193,321	187,287	191,459	183,450	208,704	223,388	231,042	233,500	244,752	252,940
Annual Passengers	DOM	1,142,921	1,240,660	1,652,384	1,724,762	3,236,265	4,825,206	5,943,570	6,720,743	7,004,576	7,540,249
	INT	32,388,363	30,967,521	32,216,298	26,343,952	29,557,331	27,640,233	26,923,328	28,030,478	29,574,269	31,091,309
	TTL	33,531,284	32,208,181	33,868,682	28,068,714	32,793,596	32,465,439	32,866,898	34,751,221	36,578,845	38,631,558
Annual Cargo	DOM	4,453	3,210	3,809	6,269	12,207	39,297	55,628	49,308	47,628	36,638
	INT	2,058,633	1,810,448	2,125,730	1,898,885	1,952,207	1,940,628	2,043,399	2,035,968	2,083,220	2,262,899
	TTL	2,063,086	1,813,658	2,129,539	1,905,154	1,964,414	1,979,925	2,099,027	2,085,276	2,130,848	2,299,537

Upgrading ATC Systems and Building High-Speed Exit Taxiways at Narita



Further Functional Enhancement at Narita Airport

Quadripartite Council on Narita Airport (composed of the government, Chiba Pref., 9 municipalities around the airport, and the airport company

- 17 Sept. 2015 Started to study on the third runway
- 27 Sept. 2016 Proposal including the RWY location, coverage of airport and alleviation of restriction of night time flights
- 12 June 2017 Resubmit proposal to review the plan to alleviate night flight restriction

July 201 7	Holding of briefing sessions									
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- 31 Jan. 201 Request from the local municipalities to the Minister
- 19 Feb. 2018 Reply to the requests from the Liaison Council of Narita Airport area municipalities

13 Mar. 2018 Final agreement at the quadripartite council



**Quadripartite Council : Council composed of the government, Chiba Prefecture, 9 municipalities around the airport and the airport company

[Main terms of agreement]

Construction of RWY C and extension of RWY B





Airport capacity will be expanded from 0.3 million to half million by further functional enhancement