

PAPI 3° (MEHT)*					
Pilot's eye height over the threshold when the following PAPI lights come into view.		RUNWAY			
		02L	20R	02C	20C
2 White lights and 2 red lights		20.0m	20.0m	19.8m	19.8m
3 White lights and 1 red light		24.0m	22.6m	23.7m	23.7m
4 White lights		26.4m	25.0m	26.2m	26.2m

* MEHT - Minimum Eye Height Over The Threshold.

Note: Aircraft with eye-to-wheel height greater than 8 metres are advised to fly with 2 white lights and 2 red lights visible so as to achieve sufficient wheel clearance.

RWY	DIRECTION	THR	GEOD UNDLINATION	BEARING STRENGTH
02L	023°	01 20 56.27N 103 58 38.82E	10.24m	PCN 72/F/B/W/U
20R (DISP THR)	203°	01 22 33.95N 103 59 02.06E	10.25m	
02C	023°	01 19 43.51N 103 59 05.86E	10.27m	
20C	203°	01 21 43.37N 103 59 56.46E	10.30m	

TAXIWAYS	BEARING STRENGTH	
	PCN 85/R/B/W/U - Taxiways W1, W9, E1, E3, E11 and E1P (between E10-E11)	
APRONS	PCN 72/F/B/W/U - All other Taxiways	

APRONS	BEARING STRENGTH	
	PCN 85/R/B/W/U	

ELEVATIONS AND DIMENSIONS IN METRES

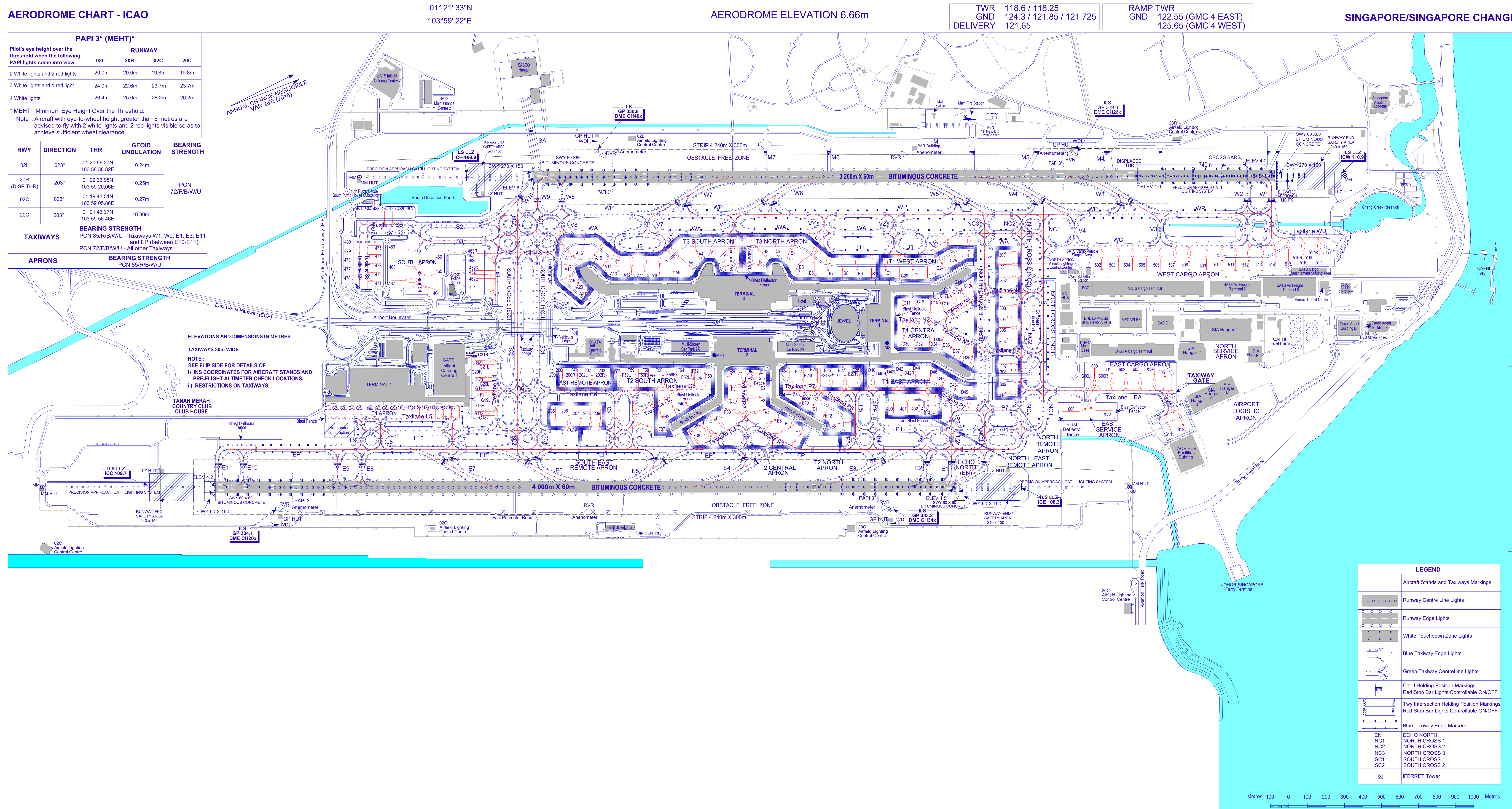
TAXIWAYS 30m WIDE

NOTE :

SEE FLIP SIDE FOR DETAILS OF

i) INS COORDINATES FOR AIRCRAFT STANDS AND
PRE-FLIGHT ALTIMETER CHECK LOCATIONS.

ii) RESTRICTIONS ON TAXIWAYS.



AIP AMDT 06/2019

INS COORDINATES FOR AIRCRAFT STANDS AND PRE-FLIGHT ALTIMETER CHECK LOCATIONS

LOCATION	STAND NR	NORTH LAT	EAST LONG	ELEVATION
T3 SOUTH APRON	A1	01 21 21.52	103 59 06.25	4.75m (15.58ft)
	A2	01 21 21.75	103 59 04.00	4.65m (15.26ft)
	A3	01 21 19.86	103 59 02.79	4.66m (15.29ft)
	A4	01 21 17.61	103 59 02.54	4.79m (15.72ft)
	A5	01 21 15.50	103 59 03.62	4.86m (15.94ft)
	A9	01 21 12.56	103 59 03.65	5.02m (16.47ft)
	A10	01 21 10.34	103 59 02.40	5.04m (16.54ft)
	A11	01 21 07.93	103 59 01.41	5.25m (17.22ft)
	A12	01 21 05.76	103 59 00.49	5.38m (17.65ft)
	A13	01 21 03.59	103 58 59.58	5.48m (17.98ft)
	A14	01 21 01.66	103 58 57.59	5.57m (18.27ft)
	A15	01 21 00.77	103 58 55.41	5.46m (17.91ft)
	A16	01 20 59.27	103 58 54.20	5.51m (18.08ft)
	A17	01 20 57.25	103 58 54.06	5.23m (17.16ft)
	A18	01 20 55.87	103 58 55.25	5.37m (17.62ft)
	A19	01 20 55.26	103 58 57.13	5.40m (17.72ft)
	A20	01 20 56.09	103 58 58.83	5.45m (17.88ft)
	A21	01 20 57.10	103 59 00.80	5.49m (18.01ft)
T3 NORTH APRON	B1	01 21 26.86	103 59 08.37	4.82m (15.81ft)
	B2	01 21 28.18	103 59 06.82	4.68m (15.35ft)
	B3	01 21 30.33	103 59 07.30	4.65m (15.26ft)
	B4	01 21 32.03	103 59 08.60	4.75m (15.58ft)
	B5	01 21 32.98	103 59 10.89	4.80m (15.75ft)
	B6	01 21 35.15	103 59 13.16	4.96m (16.27ft)
	B7	01 21 37.65	103 59 13.93	4.97m (16.31ft)
	B8	01 21 39.94	103 59 15.20	5.09m (16.70ft)
	B9	01 21 42.19	103 59 16.16	5.13m (16.83ft)
	B10	01 21 44.47	103 59 17.12	5.10m (16.73ft)
T1 WEST APRON	C1	01 21 46.75	103 59 18.08	5.09m (16.70ft)
	C20	01 21 48.83	103 59 19.23	5.08m (16.67ft)
	C22	01 21 51.00	103 59 20.13	5.15m (16.90ft)
	C23	01 21 53.56	103 59 20.77	5.08m (16.67ft)
	C24	01 21 56.54	103 59 20.97	4.89m (16.04ft)
	C25	01 21 59.12	103 59 20.59	4.99m (16.37ft)
	C26	01 22 01.48	103 59 20.76	5.01m (16.44ft)
T1 CENTRAL APRON	C11	01 21 47.42	103 59 23.82	5.07m (16.63ft)
	C13	01 21 49.64	103 59 24.75	5.05m (16.57ft)
	C15	01 21 51.90	103 59 25.71	5.05m (16.57ft)
	C16	01 21 53.47	103 59 26.62	4.86m (15.94ft)
	C17	01 21 55.50	103 59 26.20	5.01m (16.44ft)
	C17L	01 21 54.75	103 59 26.22	4.96m (16.27ft)
	C17R	01 21 56.01	103 59 25.68	5.12m (16.80ft)
	C18	01 21 57.86	103 59 25.75	4.99m (16.37ft)
	C19	01 21 59.79	103 59 25.63	4.95m (16.24ft)
	D30	01 21 44.54	103 59 30.14	5.09m (16.70ft)
	D32	01 21 46.73	103 59 31.07	5.08m (16.67ft)
	D34	01 21 49.03	103 59 32.04	5.07m (16.63ft)
	D35	01 21 50.87	103 59 32.82	5.02m (16.47ft)
	D36	01 21 51.98	103 59 34.52	5.06m (16.60ft)
	D37	01 21 53.37	103 59 36.28	4.97m (16.31ft)
	D38	01 21 54.58	103 59 37.77	4.99m (16.37ft)
T1 EAST APRON	D40	01 21 38.13	103 59 32.89	5.11m (16.77ft)
	D40L	01 21 37.38	103 59 32.83	5.09m (16.70ft)
	D40R	01 21 38.77	103 59 32.84	5.13m (16.83ft)
	D41	01 21 40.30	103 59 33.81	5.07m (16.63ft)
	D42	01 21 42.77	103 59 34.58	5.15m (16.89ft)
	D42L	01 21 42.00	103 59 34.47	5.12m (16.79ft)
	D42R	01 21 43.45	103 59 34.44	5.21m (17.09ft)
	D44	01 21 44.97	103 59 35.44	5.14m (16.86ft)
	D46	01 21 47.40	103 59 36.72	5.08m (16.67ft)
	D47	01 21 49.19	103 59 38.89	4.93m (16.17ft)
	D48	01 21 50.60	103 59 40.77	4.97m (16.31ft)
	D49	01 21 52.23	103 59 42.35	4.98m (16.34ft)
T2 NORTH APRON	E8	01 21 27.99	103 59 38.45	4.68m (15.35ft)
	E10	01 21 24.15	103 59 32.67	4.71m (15.45ft)
	E11	01 21 25.57	103 59 34.37	4.78m (15.68ft)
	E12	01 21 27.20	103 59 36.42	4.75m (15.58ft)
	E20	01 21 24.36	103 59 27.08	5.04m (16.54ft)
	E22	01 21 26.64	103 59 28.04	5.07m (16.63ft)
	E24	01 21 29.01	103 59 29.06	5.09m (16.70ft)
	E24L	01 21 28.32	103 59 28.77	5.10m (16.73ft)
	E24R	01 21 29.53	103 59 29.28	5.08m (16.67ft)
	E26	01 21 31.19	103 59 29.96	5.08m (16.67ft)
	E27	01 21 33.56	103 59 30.96	5.07m (16.62ft)
	E27L	01 21 32.79	103 59 30.86	5.03m (16.48ft)
	E27R	01 21 34.20	103 59 30.91	5.12m (16.80ft)
	E28	01 21 35.74	103 59 31.89	5.08m (16.67ft)

INS COORDINATES FOR AIRCRAFT STANDS AND PRE-FLIGHT ALTIMETER CHECK LOCATIONS

LOCATION	STAND NR	NORTH LAT	EAST LONG	ELEVATION
T2 CENTRAL APRON	E1	01 21 20.02	103 59 25.58	4.91m (16.11ft)
	E2	01 21 19.28	103 59 27.30	4.90m (16.08ft)
	E3	01 21 18.44	103 59 29.27	4.82m (15.81ft)
	E4	01 21 18.10	103 59 31.70	4.80m (15.75ft)
	E5	01 21 19.56	103 59 33.72	4.90m (16.08ft)
	E6	01 21 21.22	103 59 35.93	4.84m (15.88ft)
	E7	01 21 22.48	103 59 37.46	4.73m (15.52ft)
	F30	01 21 14.71	103 59 23.33	4.92m (16.14ft)
	F31	01 21 13.87	103 59 25.30	4.91m (16.11ft)
	F32	01 21 13.03	103 59 27.26	4.85m (15.91ft)
	F33	01 21 11.30	103 59 28.54	4.91m (16.11ft)
	F34	01 21 08.98	103 59 28.96	4.92m (16.14ft)
	F35	01 21 06.60	103 59 29.55	4.91m (16.11ft)
	F35L	01 21 06.06	103 59 30.13	4.74m (15.55ft)
	F35R	01 21 06.96	103 59 29.05	5.04m (16.54ft)
	F36	01 21 04.34	103 59 29.67	4.82m (15.81ft)
T2 SOUTH APRON	F37	01 20 59.83	103 59 27.87	4.75m (15.58ft)
	F40	01 21 05.62	103 59 25.34	4.85m (15.91ft)
	F41	01 21 03.19	103 59 25.58	4.82m (15.81ft)
	F42	01 21 00.61	103 59 25.96	4.72m (15.49ft)
	F50	01 21 10.69	103 59 21.32	5.03m (16.50ft)
	F52	01 21 08.51	103 59 20.40	5.11m (16.77ft)
	F52L	01 21 07.82	103 59 20.11	5.16m (16.93ft)
	F52R	01 21 09.04	103 59 20.62	5.08m (16.67ft)
	F54	01 21 06.14	103 59 19.40	5.22m (17.13ft)
	F56	01 21 03.96	103 59 18.48	5.30m (17.39ft)
	F56L	01 21 03.27	103 59 18.18	5.42m (17.78ft)
EAST REMOTE APRON	F56R	01 21 04.49	103 59 18.70	5.34m (17.52ft)
	F58	01 21 01.58	103 59 17.47	5.49m (18.01ft)
	F59	01 20 59.41	103 59 16.55	5.64m (18.50ft)
	F59L	01 20 58.72	103 59 16.26	5.67m (18.60ft)
	F59R	01 20 59.93	103 59 16.78	5.60m (18.37ft)
	F60	01 20 56.91	103 59 15.50	5.77m (18.93ft)
	200	01 20 47.83	103 59 11.67	6.23m (20.44ft)
	200L	01 20 46.91	103 59 11.92	6.29m (20.64ft)
	200R	01 20 48.35	103 59 11.89	6.18m (20.28ft)
	201	01 20 49.99	103 59 12.62	5.96m (19.55ft)
	202	01 20 52.34	103 59 13.57	5.94m (19.49ft)
	202L	01 20 51.65	103 59 13.28	5.76m (18.90ft)
	202R	01 20 52.87	103 59 13.79	5.73m (18.80ft)
	203	01 20 54.52	103 59 14.47	5.92m (19.42ft)
SOUTH-EAST REMOTE APRON	205	01 20 43.91	103 59 17.06	4.77m (15.65ft)
	206	01 20 46.08	103 59 17.98	4.76m (15.62ft)
	207	01 20 47.91	103 59 18.88	4.74m (15.55ft)
	208	01 20 49.48	103 59 19.54	4.74m (15.55ft)
	209	01 20 51.06	103 59 20.21	4.75m (15.58ft)
NORTH REMOTE APRON	300	01 22 06.95	103 59 22.67	4.53m (14.86ft)
	301	01 22 06.41	103 59 24.69	4.93m (16.17ft)
	302	01 22 05.21	103 59 26.75	4.97m (16.31ft)
	303	01 22 03.55	103 59 31.40	5.32m (17.45ft)
	304	01 22 02.84	103 59 33.06	5.35m (17.55ft)
	305	01 22 02.14	103 59 34.71	5.30m (17.39ft)
	306	01 22 01.41	103 59 36.42	5.16m (16.93ft)
	307	01 21 59.39	103 59 40.36	5.16m (16.93ft)
	308	01 21 58.96	103 59 41.35	5.10m (16.73ft)
	309	01 21 58.52	103 59 43.17	5.06m (16.60ft)
	310	01 21 57.42	103 59 44.96	4.74m (15.55ft)
NORTH-EAST REMOTE APRON	400	01 21 38.71	103 59 40.14	4.31m (14.14ft)
	401	01 21 40.98	103 59 41.10	4.31m (14.14ft)
	402	01 21 42.85	103 59 41.89	4.30m (14.11ft)
	403	01 21 44.37	103 59 42.53	4.29m (14.07ft)
	404	01 21 45.45	103 59 42.98	4.20m (13.78ft)
WEST CARGO APRON	502	01 22 22.23	103 59 31.62	4.35m (14.27ft)
	503	01 22 24.98	103 59 32.78	4.29m (14.07ft)
	504	01 22 27.26	103 59 33.74	4.29m (14.07ft)
	505	01 22 29.54	103 59 34.70	4.32m (14.17ft)
	506	01 22 31.81	103 59 35.66	4.38m (14.37ft)
	507	01 22 34.11	103 59 36.64	4.36m (14.30ft)
	508	01 22 36.41	103 59 37.61	4.29m (14.07ft)
	509	01 22 39.12	103 59 38.76	4.09m (13.42ft)
	510	01 22 41.37	103 59 40.18	4.19m (13.75ft)
	511	01 22 43.54	103 59 41.09	4.22m (13.85ft)
	512	01 22 45.71	103 59 42.01	4.24m (13.91ft)
	513	01 22 47.89	103 59 42.92	4.26m (13.98ft)
	514	01 22 50.19	103 59 43.54	4.36m (14.30ft)
	515	01 22 52.90	103 59 43.20	4.09m (13.43ft)
	516	01 22 55.39	103 59 43.97	4.04m (13.26ft)
	516L	01 22 56.24	103 59 43.80	3.96m (12.98ft)
	516R	01 22 54.93	103 59 43.25	3.95m (12.97ft)
	517	01 22 58.02	103 59 45.08	4.05m (13.27ft)
	517L	01 22 58.83	103 59 44.99	3.98m (13.05ft)
	517R	01 22 57.55	103 59 44.35	3.96m (12.98ft)

INS COORDINATES FOR AIRCRAFT STANDS AND PRE-FLIGHT ALTIMETER CHECK LOCATIONS

LOCATION	STAND NR	NORTH LAT	EAST LONG	ELEVATION	
EAST CARGO APRON	600	01 22 14.12	103 59 48.10	4.25m (13.94ft)	
	600L	01 22 13.28	103 59 48.27	4.22m (13.83ft)	
	600R	01 22 14.58	103 59 48.81	4.15m (13.60ft)	
	601	01 22 16.52	103 59 49.27	4.27m (14.01ft)	
	602	01 22 18.80	103 59 50.23	4.30m (14.11ft)	
	603	01 22 21.15	103 59 51.02	4.29m (14.07ft)	
	604	01 22 23.46	103 59 51.99	4.31m (14.14ft)	
	605	01 22 25.19	103 59 52.75	4.27m (14.01ft)	
EAST SERVICE APRON	606	01 22 10.00	103 59 52.53	2.43m (7.97ft)	
	609	01 22 12.95	103 59 55.04	2.91m (9.55ft)	
ACEHUB	611	01 22 22.14	104 00 02.87	4.01m (13.16ft)	
	612	01 22 24.50	104 00 02.87	3.91m (12.83ft)	
SOUTH APRON	461	01 20 39.67	103 58 52.75	5.28m (17.32ft)	
	462	01 20 40.69	103 58 50.37	5.75m (18.86ft)	
	462L	01 20 40.41	103 58 51.02	5.48m (17.98ft)	
	462R	01 20 40.97	103 58 49.71	5.71m (18.73ft)	
	463	01 20 41.80	103 58 47.76	5.97m (19.59ft)	
	463L	01 20 41.52	103 58 48.42	5.82m (19.10ft)	
	463R	01 20 42.06	103 58 47.17	5.82m (19.10ft)	
	464	01 20 32.33	103 58 49.39	4.98m (16.34ft)	
	465	01 20 33.61	103 58 47.20	5.01m (16.44ft)	
	466	01 20 34.53	103 58 45.05	5.01m (16.44ft)	
	467	01 20 27.32	103 58 45.73	5.01m (16.44ft)	
	468	01 20 28.34	103 58 43.34	5.00m (16.41ft)	
	469	01 20 29.36	103 58 40.96	5.02m (16.47ft)	
	471	01 20 23.76	103 58 44.49	5.16m (16.93ft)	
	472	01 20 24.55	103 58 43.24	5.16m (16.93ft)	
	473	01 20 25.12	103 58 41.90	5.16m (16.93ft)	
	474	01 20 25.70	103 58 40.56	5.16m (16.93ft)	
	475	01 20 26.27	103 58 39.22	5.16m (16.93ft)	
	476	01 20 19.16	103 58 41.47	5.16m (16.93ft)	
	477	01 20 19.74	103 58 40.13	5.16m (16.93ft)	
	478	01 20 20.37	103 58 38.79	5.16m (16.93ft)	
	479	01 20 20.88	103 58 37.45	5.16m (16.93ft)	
	480	01 20 21.45	103 58 36.11	5.16m (16.93ft)	
	481	01 20 25.27	103 58 32.56	5.22m (17.13ft)	
	482	01 20 26.62	103 58 33.13	5.22m (17.13ft)	
	483	01 20 27.96	103 58 33.70	5.22m (17.13ft)	
	484	01 20 29.31	103 58 34.27	5.22m (17.13ft)	
	485	01 20 30.66	103 58 34.84	5.22m (17.13ft)	
	486	01 20 32.01	103 58 35.41	5.22m (17.13ft)	
	487	01 20 33.36	103 58 35.98	5.22m (17.13ft)	
	T4 APRON	G1	01 20 07.58	103 59 00.97	3.95m (12.96ft)
		G2	01 20 08.88	103 59 01.52	3.95m (12.96ft)
		G3	01 20 10.18	103 59 02.07	3.95m (12.96ft)
		G4	01 20 11.48	103 59 02.07	3.94m (12.93ft)
		G5	01 20 12.77	103 59 03.17	3.94m (12.93ft)
		G6	01 20 14.49	103 59 03.89	3.93m (12.89ft)
G7		01 20 15.70	103 59 04.57	3.89m (12.76ft)	
G8		01 20 17.01	103 59 05.12	3.85m (12.63ft)	
G9		01 20 18.31	103 59 05.67	3.85m (12.63ft)	
G10		01 20 19.60	103 59 06.22	3.86m (12.66ft)	
G11		01 20 20.90	103 59 06.77	3.84m (12.60ft)	
G12		01 20 22.20	103 59 07.31	3.83m (12.57ft)	
G13		01 20 23.50	103 59 07.86	3.82m (12.53ft)	
G14		01 20 24.79	103 59 08.41	3.83m (12.57ft)	
G15		01 20 26.09	103 59 08.96	3.88m (12.73ft)	
G16		01 20 27.39	103 59 09.50	4.05m (13.29ft)	
G17		01 20 28.69	103 59 10.05	4.00m (13.12ft)	
G18		01 20 31.53	103 59 11.86	4.36m (14.30ft)	
G18L		01 20 32.05	103 59 12.85	4.34m (14.24ft)	
G18R		01 20 31.65	103 59 11.26	4.43m (14.53ft)	
G19		01 20 32.64	103 59 09.25	4.56m (14.96ft)	
G19L		01 20 33.17	103 59 11.26	4.47m (14.67ft)	
G19R		01 20 32.77	103 59 08.66	4.56m (14.96ft)	
G20		01 20 33.75	103 59 06.65	4.52m (14.83ft)	
G20L	01 20 34.13	103 59 07.58	4.44m (14.57ft)		
G20R	01 20 33.99	103 59 06.10	4.52m (14.83ft)		
G21	01 20 34.87	103 59 04.04	4.51m (14.80ft)		
G21L	01 20 35.24	103 59 04.98	4.52m (14.83ft)		
G21R	01 20 35.10	103 59 03.49	4.55m (14.93ft)		