

Contact

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AMDT
07/2024
Effective date
26 DEC 2024
Publication date
26 DEC 2024

wp-AMDT-2024-07**1 Significant information and changes****1.1 Singapore FIR**

- a. Nil

1.2 Singapore Changi Airport

- a. Incorporated AIRAC AIP Supplement 172/2024 – Pavement Classification Rating (PCR) for aircraft pavement strength.
- b. Updated WSSS AD 2.18 ATS Communication Facilities.
- c. Updated AD-2-WSSS-SID-1.1 (ANITO 7A), under Tabular Descriptions, last waypoint name from KIRDA to ANITO.
- d. Incorporated AIRAC AIP Supplement 175/2024 – Redesignation of TWY P1 as TWY P8.
- e. Updated AD-2-WSSS-SID-35.1 (MASBO 3E), under Formal and Abbreviated Descriptions, last waypoint name from AROSO to MASBO.

1.3 Seletar Airport

- a. Incorporated AIRAC AIP Supplement 173/2024 – Pavement Classification Rating (PCR) for aircraft pavement strength.
- b. Updated Runway Edge Light from omni-directional to bi-directional for both RWY Designator 03 and 21 in WSSL AD 2.14.

2. This amendment incorporates information contained in the listed AIP Supplements and NOTAM which are hereby superseded:

AIP Supplements

172/2024 dated 17/10/2024

173/2024 dated 17/10/2024

175/2024 dated 17/10/2024

NOTAM

A4663/2024 dated 16/12/2024

Amended Pages

GEN 0.2-3: : *replace.*

GEN 0.3-1/2: : *replace.*

GEN 0.3-3/4: : *replace.*

GEN 0.3-5/6: : *replace.*

GEN 0.3-7: : *insert.*

GEN 0.4-1/2: : *replace.*

GEN 0.4-3: : *replace.*
GEN 1.1-1/2: : *replace.*
GEN 1.3-5/6: : *replace.*
GEN 1.4-1/2: : *replace.*
GEN 3.1-3/4: : *replace.*
GEN 3.2-3/4: : *replace.*
AD 2.WSSS-3/4: : *replace.*
AD 2.WSSS-17/18: : *replace.*
AD 2.WSSS-23/24: : *replace.*
AD-2-WSSS-ADC-2 to 2.1: : *replace.*
AD-2-WSSS-ADC-3: : *replace.*
AD-2-WSSS-SID-1 to 1.1: : *replace.*
AD-2-WSSS-SID-35 to 35.1: : *replace.*
AD 2.WSSL-3/4: : *replace.*
AD 2.WSSL-7/8: : *replace.*
AD-2-WSSL-ADC-1 to 1.1: : *replace.*
AD-2-WSSL-ADC-2: : *replace.*
AD-2-WSSL-ADC-3: : *replace.*

AIP AMENDMENT

NR/Year	Publication date	Date inserted	Inserted by
02/2023	20 APR 2023	20 APR 2023	
03/2023	15 JUN 2023	15 JUN 2023	
04/2023	10 AUG 2023	10 AUG 2023	
05/2023	05 OCT 2023	05 OCT 2023	
06/2023	30 NOV 2023	30 NOV 2023	
01/2024	25 JAN 2024	25 JAN 2024	
02/2024	21 MAR 2024	21 MAR 2024	
03/2024	16 MAY 2024	16 MAY 2024	
04/2024	11 JUL 2024	11 JUL 2024	
05/2024	05 SEP 2024	05 SEP 2024	
06/2024	31 OCT 2024	31 OCT 2024	
07/2024	26 DEC 2024	26 DEC 2024	

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GEN 0.3 RECORD OF CURRENT AIP SUPPLEMENTS

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
059/2020	Singapore Changi Airport - Long term closure of aircraft stand E20 at Terminal 2, Singapore Changi Airport	AD	25 AUG 2020 / 30 DEC 2026	
065/2023	Paya Lebar Airport - Luffing Tower Crane	AD	11 MAY 2023 / 31 DEC 2024	
068/2023	Paya Lebar Airport - Cranes	AD	11 MAY 2023 / 31 DEC 2024	
075/2023	Paya Lebar Airport - Topless Crane	AD	08 JUN 2023 / 30 DEC 2024	
076/2023	Paya Lebar Airport - Luffing Cranes	AD	08 JUN 2023 / 30 DEC 2024	
079/2023	Paya Lebar Airport - Mobile Crane	AD	08 JUN 2023 / 31 DEC 2024	
080/2023	Paya Lebar Airport - Mobile Cranes	AD	08 JUN 2023 / 31 DEC 2024	
083/2023	Paya Lebar Airport - Luffing Crane	AD	08 JUN 2023 / 31 DEC 2024	
092/2023	Paya Lebar Airport - Luffer Tower Crane	AD	13 JUL 2023 / 31 DEC 2024	
114/2023	Paya Lebar Airport - Cranes	AD	10 AUG 2023 / 31 DEC 2024	
121/2023	Paya Lebar Airport - Crawler Cranes	AD	07 SEP 2023 / 31 DEC 2024	
127/2023	Singapore Changi Airport - Closure of aircraft stand 604 at East Cargo Apron	AD	02 NOV 2023 / 30 MAY 2025	
139/2023	Singapore Changi Airport - Steel and Frangible Frames and Frangible Posts	AD	30 NOV 2023 / 28 FEB 2025	
141/2023	Singapore Changi Airport - Apply minimum thrust at East Cargo Apron	AD	23 OCT 2023 / 30 MAY 2025	
143/2023	Paya Lebar Airport - Luffing Cranes	AD	09 NOV 2023 / 31 DEC 2024	
146/2023	Paya Lebar Airport - Tower Luffer Cranes	AD	09 NOV 2023 / 31 DEC 2024	
147/2023	Paya Lebar Airport - Tower Cranes	AD	09 NOV 2023 / 31 DEC 2024	
001/2024	Paya Lebar Airport - Tower Cranes	AD	11 JAN 2024 / 31 DEC 2024	
002/2024	Paya Lebar Airport - Tower Cranes	AD	11 JAN 2024 / 31 DEC 2024	
003/2024	Paya Lebar Airport - Luffing Cranes	AD	11 JAN 2024 / 31 DEC 2024	
004/2024	Paya Lebar Airport - Crawler Cranes	AD	11 JAN 2024 / 31 DEC 2024	
005/2024	Paya Lebar Airport - Flat-Top Cranes	AD	11 JAN 2024 / 31 DEC 2024	
006/2024	Paya Lebar Airport - Cranes	AD	11 JAN 2024 / 31 DEC 2025	
007/2024	Paya Lebar Airport - Luffing Cranes	AD	11 JAN 2024 / 31 DEC 2025	
009/2024	Paya Lebar Airport - Luffing Crane	AD	11 JAN 2024 / 31 DEC 2024	
011/2024	Paya Lebar Airport - Tower Cranes	AD	11 JAN 2024 / 31 DEC 2024	
012/2024	Paya Lebar Airport - Mobile Crane	AD	11 JAN 2024 / 31 DEC 2024	
013/2024	Paya Lebar Airport - Flat-Top Cranes	AD	11 JAN 2024 / 31 DEC 2024	

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
014/2024	Paya Lebar Airport - Luffing Crane	AD	11 JAN 2024 / 31 DEC 2024	
015/2024	Paya Lebar Airport - Cranes	AD	11 JAN 2024 / 30 DEC 2024	
016/2024	Paya Lebar Airport - Luffer Crane	AD	11 JAN 2024 / 31 DEC 2024	
017/2024	Singapore Changi Airport - Closure of aircraft stand 504 at West Cargo Apron	AD	22 FEB 2024 / 31 OCT 2025	
020/2024	Paya Lebar Airport - Saddle Cranes	AD	08 FEB 2024 / 31 DEC 2025	
023/2024	Paya Lebar Airport - Luffing Tower Crane	AD	08 FEB 2024 / 30 JUN 2025	
024/2024	Paya Lebar Airport - Luffing Crane	AD	08 FEB 2024 / 29 JAN 2025	
027/2024	Paya Lebar Airport - Topless Tower Cranes	AD	08 FEB 2024 / 25 JAN 2025	
032/2024	Paya Lebar Airport - Topless Cranes	AD	08 FEB 2024 / 31 DEC 2024	
035/2024	Paya Lebar Airport - Cranes	AD	08 FEB 2024 / 31 DEC 2024	
036/2024	Paya Lebar Airport - Cranes	AD	08 FEB 2024 / 17 JUN 2025	
037/2024	Paya Lebar Airport - Tower Crane	AD	08 FEB 2024 / 31 DEC 2024	
038/2024	Paya Lebar Airport - Luffer Cranes	AD	08 FEB 2024 / 17 JUN 2025	
039/2024	Paya Lebar Airport - Cranes	AD	08 FEB 2024 / 31 DEC 2024	
040/2024	Paya Lebar Airport - Luffing Cranes	AD	08 FEB 2024 / 16 JAN 2025	
041/2024	Paya Lebar Airport - Cranes	AD	08 FEB 2024 / 31 DEC 2024	
042/2024	Paya Lebar Airport - Topless Cranes	AD	08 FEB 2024 / 16 JAN 2025	
043/2024	Paya Lebar Airport - Crawler Tower Cranes	AD	08 FEB 2024 / 16 FEB 2025	
044/2024	Paya Lebar Airport - Luffer Cranes	AD	08 FEB 2024 / 31 AUG 2025	
045/2024	Paya Lebar Airport - Mobile Crane	AD	08 FEB 2024 / 16 JAN 2025	
046/2024	Paya Lebar Airport - Tower Cranes	AD	08 FEB 2024 / 16 FEB 2025	
047/2024	Paya Lebar Airport - Luffing Cranes	AD	08 FEB 2024 / 30 DEC 2025	
048/2024	Paya Lebar Airport - Cranes	AD	08 FEB 2024 / 31 DEC 2025	
049/2024	Paya Lebar Airport - Luffer Tower Crane	AD	08 FEB 2024 / 10 JAN 2025	
050/2024	Paya Lebar Airport - Topless Cranes	AD	08 FEB 2024 / 10 JAN 2025	
051/2024	Paya Lebar Airport - Luffing Tower Crane	AD	08 FEB 2024 / 10 JAN 2025	
052/2024	Paya Lebar Airport - Luffing Cranes	AD	08 FEB 2024 / 10 JAN 2025	
053/2024	Paya Lebar Airport - Topless Cranes	AD	08 FEB 2024 / 16 FEB 2025	
056/2024	Singapore Changi Airport - Updated closure schedules for Runway 02L/20R and Runway 02C/20C	AD	31 MAR 2024 / 30 SEP 2025	

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
060/2024	Paya Lebar Airport - Mobile Cranes	AD	07 MAR 2024 / 31 DEC 2024	
064/2024	Paya Lebar Airport - Obstacles	AD	07 MAR 2024 / 04 FEB 2025	
065/2024	Paya Lebar Airport - Obstacles	AD	07 MAR 2024 / 31 DEC 2024	
070/2024	Paya Lebar Airport - Crawler Tower Cranes	AD	21 MAR 2024 / 31 MAR 2025	
074/2024	Paya Lebar Airport - Cranes	AD	11 APR 2024 / 25 APR 2025	
075/2024	Paya Lebar Airport - Mobile Cranes	AD	11 APR 2024 / 01 APR 2025	
077/2024	Paya Lebar Airport - Cranes	AD	11 APR 2024 / 31 DEC 2024	
083/2024	Singapore Changi Airport - Decommissioning of aircraft stands E1 and F30 and temporary closure of taxilanes R1, R2, R3 and aircraft stands E2, E3, E4, F31, F32, F33 and F34 due to construction work activities at Terminal 2	AD	09 MAY 2024 / 03 JAN 2028	
084/2024	Paya Lebar Airport - Cranes	AD	09 MAY 2024 / 31 DEC 2024	
086/2024	Paya Lebar Airport - Cranes	AD	09 MAY 2024 / 01 MAY 2025	
087/2024	Paya Lebar Airport - Cranes	AD	09 MAY 2024 / 25 APR 2025	
088/2024	Paya Lebar Airport - Mobile Crane	AD	09 MAY 2024 / 31 DEC 2024	
089/2024	Paya Lebar Airport - Mobile Cranes	AD	09 MAY 2024 / 15 APR 2025	
090/2024	Paya Lebar Airport - Mobile Crane	AD	09 MAY 2024 / 31 DEC 2024	
091/2024	Paya Lebar Airport - Topless Cranes	AD	09 MAY 2024 / 15 APR 2025	
093/2024	Paya Lebar Airport - Flat-Top Crane	AD	09 MAY 2024 / 10 APR 2025	
094/2024	Paya Lebar Airport - Crawler Crane	AD	09 MAY 2024 / 30 SEP 2025	
095/2024	Paya Lebar Airport - Topless Tower Cranes	AD	06 JUN 2024 / 02 JUN 2025	
097/2024	Paya Lebar Airport - Cranes	AD	06 JUN 2024 / 19 MAY 2025	
098/2024	Paya Lebar Airport - Mobile Cranes	AD	06 JUN 2024 / 31 DEC 2024	
099/2024	Paya Lebar Airport - Cranes	AD	06 JUN 2024 / 14 MAY 2025	
100/2024	Paya Lebar Airport - Luffer Cranes	AD	06 JUN 2024 / 15 MAY 2025	
101/2024	Paya Lebar Airport - Luffing Crane	AD	06 JUN 2024 / 16 MAY 2025	
104/2024	Paya Lebar Airport - Mobile Cranes	AD	25 JUL 2024 / 02 JUL 2025	
105/2024	Paya Lebar Airport - Mobile Crane	AD	25 JUL 2024 / 02 JUL 2025	
106/2024	Paya Lebar Airport - Flat-Top Cranes	AD	25 JUL 2024 / 01 JUL 2025	
107/2024	Paya Lebar Airport - Mobile Crane	AD	25 JUL 2024 / 07 JUL 2025	
108/2024	Paya Lebar Airport - Mobile Crane	AD	25 JUL 2024 / 31 JUL 2025	

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
109/2024	Paya Lebar Airport - Mobile Crane	AD	25 JUL 2024 / 09 JUL 2025	
110/2024	Paya Lebar Airport - Telescopic Crawler Crane	AD	25 JUL 2024 / 01 JUL 2025	
111/2024	Paya Lebar Airport - Mobile Crane	AD	25 JUL 2024 / 31 AUG 2025	
112/2024	Paya Lebar Airport - Luffing Cranes	AD	25 JUL 2024 / 17 JUN 2025	
113/2024	Paya Lebar Airport - Luffer Crane	AD	25 JUL 2024 / 14 JUN 2025	
114/2024	Paya Lebar Airport - Tower Crane	AD	25 JUL 2024 / 16 JUN 2025	
119/2024	Paya Lebar Airport - Mobile Cranes	AD	15 AUG 2024 / 28 JAN 2025	
120/2024	Paya Lebar Airport - Cranes	AD	15 AUG 2024 / 31 JUL 2025	
121/2024	Paya Lebar Airport - Topless Cranes	AD	15 AUG 2024 / 22 JUL 2025	
122/2024	Paya Lebar Airport - Mobile Crane	AD	15 AUG 2024 / 03 AUG 2025	
123/2024	Paya Lebar Airport - Cranes	AD	15 AUG 2024 / 15 JUL 2025	
124/2024	Paya Lebar Airport - Luffing Tower Crane	AD	15 AUG 2024 / 14 JUL 2025	
125/2024	Paya Lebar Airport - Mobile Crane	AD	15 AUG 2024 / 30 JUL 2025	
126/2024	Paya Lebar Airport - Luffing Cranes	AD	15 AUG 2024 / 10 JAN 2025	
127/2024	Paya Lebar Airport - Topless Tower Cranes	AD	15 AUG 2024 / 08 JUL 2025	
128/2024	Paya Lebar Airport - Mobile Cranes	AD	15 AUG 2024 / 08 JUL 2025	
132/2024	Singapore Changi Airport - Updated information and data for Runway 02R/20L	AD	03 OCT 2024 / 30 SEP 2026	
134/2024	Singapore Changi Airport - Temporary closure of Taxilane N4 behind aircraft stand 604 and downgrade of aircraft stand 603 to Code C	AD	30 AUG 2024 / 02 OCT 2025	
135/2024	Paya Lebar Airport - Mobile Cranes	AD	12 SEP 2024 / 28 FEB 2025	
136/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 15 FEB 2025	
137/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 28 SEP 2025	
138/2024	Paya Lebar Airport - Mobile Cranes	AD	12 SEP 2024 / 28 FEB 2025	
139/2024	Paya Lebar Airport - Mobile Cranes	AD	12 SEP 2024 / 28 FEB 2025	
140/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 11 AUG 2025	
141/2024	Paya Lebar Airport - Topless Cranes	AD	12 SEP 2024 / 13 AUG 2025	
142/2024	Paya Lebar Airport - Luffing Cranes	AD	12 SEP 2024 / 31 AUG 2025	
143/2024	Paya Lebar Airport - Crawler Cranes	AD	12 SEP 2024 / 25 AUG 2025	
144/2024	Paya Lebar Airport - Topless Tower Cranes	AD	12 SEP 2024 / 31 AUG 2025	
145/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 19 JUN 2025	

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
146/2024	Paya Lebar Airport - Mobile Cranes	AD	12 SEP 2024 / 20 AUG 2025	
147/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 07 SEP 2025	
148/2024	Paya Lebar Airport - Cranes	AD	12 SEP 2024 / 31 AUG 2025	
149/2024	Paya Lebar Airport - Mobile Cranes	AD	12 SEP 2024 / 31 JUL 2025	
150/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 31 JAN 2025	
151/2024	Paya Lebar Airport - Cranes	AD	12 SEP 2024 / 31 JAN 2025	
152/2024	Paya Lebar Airport - Mobile Crane	AD	12 SEP 2024 / 31 DEC 2024	
153/2024	Singapore Changi Airport - Closure of Taxilane N1 behind aircraft stand 517L	AD	01 OCT 2024 / 30 APR 2025	
155/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 11 SEP 2025	
156/2024	Paya Lebar Airport - Topless Cranes	AD	17 OCT 2024 / 03 SEP 2025	
157/2024	Paya Lebar Airport - Obstacles	AD	17 OCT 2024 / 05 SEP 2025	
158/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 17 SEP 2025	
159/2024	Paya Lebar Airport - Mobile Cranes	AD	17 OCT 2024 / 31 JUL 2025	
160/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 19 SEP 2025	
161/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 OCT 2025	
162/2024	Paya Lebar Airport - Cranes	AD	17 OCT 2024 / 31 JUL 2025	
163/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 JUL 2025	
164/2024	Paya Lebar Airport - Cranes	AD	17 OCT 2024 / 30 SEP 2025	
165/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 JAN 2025	
166/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 JAN 2025	
167/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 JAN 2025	
168/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 JAN 2025	
169/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 31 JAN 2025	
170/2024	Paya Lebar Airport - Mobile Cranes	AD	17 OCT 2024 / 31 MAR 2025	
171/2024	Paya Lebar Airport - Mobile Crane	AD	17 OCT 2024 / 10 NOV 2025	
174/2024	Singapore Changi Airport - Closure of Taxiways associated with Runway 02R/20L	AD	28 NOV 2024 / 22 DEC 2027	
176/2024	Singapore Changi Airport - Use of construction lasers, locations of automatic total station and concrete blocks to support construction activities at Terminal 2	AD	28 OCT 2024 / 05 OCT 2026	
177/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 15 NOV 2025	
178/2024	Paya Lebar Airport - Cranes	AD	14 NOV 2024 / 31 DEC 2025	

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
179/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 31 JAN 2025	
180/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 30 APR 2025	
181/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 30 NOV 2025	
182/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 31 JAN 2025	
183/2024	Paya Lebar Airport - Mobile Cranes	AD	14 NOV 2024 / 31 JUL 2025	
184/2024	Paya Lebar Airport - Topless Cranes	AD	14 NOV 2024 / 31 MAY 2025	
185/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 31 DEC 2025	
186/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 31 DEC 2025	
187/2024	Paya Lebar Airport - Luffer Cranes	AD	14 NOV 2024 / 31 DEC 2025	
188/2024	Paya Lebar Airport - Cranes	AD	14 NOV 2024 / 31 DEC 2025	
189/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 30 APR 2025	
190/2024	Paya Lebar Airport - Crawler Crane	AD	14 NOV 2024 / 20 OCT 2025	
191/2024	Paya Lebar Airport - Topless Cranes	AD	14 NOV 2024 / 31 JAN 2025	
192/2024	Paya Lebar Airport - Topless Cranes	AD	14 NOV 2024 / 30 NOV 2025	
193/2024	Paya Lebar Airport - Crawler Tower Cranes	AD	14 NOV 2024 / 31 DEC 2025	
194/2024	Paya Lebar Airport - Tower Cranes	AD	14 NOV 2024 / 31 DEC 2025	
195/2024	Paya Lebar Airport - Flat-Top Cranes	AD	14 NOV 2024 / 31 DEC 2025	
196/2024	Paya Lebar Airport - Mobile Crane	AD	14 NOV 2024 / 01 NOV 2025	
197/2024	Paya Lebar Airport - Cranes	AD	14 NOV 2024 / 15 DEC 2025	
198/2024	Paya Lebar Airport - Tower Cranes	AD	14 NOV 2024 / 15 NOV 2025	
199/2024	Singapore Changi Airport - Long term closure of aircraft stand E5 at Terminal 2, Singapore Changi Airport	AD	26 DEC 2024 / 30 OCT 2025	
200/2024	Revision to Restricted Areas WSR9 and WSR16	AD	26 DEC 2024 PERM	
201/2024	Paya Lebar Airport - Mobile Cranes	AD	12 DEC 2024 / 31 OCT 2025	
202/2024	Paya Lebar Airport - Mobile Cranes	AD	12 DEC 2024 / 31 OCT 2025	
203/2024	Paya Lebar Airport - Mobile Cranes	AD	12 DEC 2024 / 31 OCT 2025	
204/2024	Paya Lebar Airport - Crawler Crane	AD	12 DEC 2024 / 30 NOV 2025	
205/2024	Paya Lebar Airport - Topless Cranes	AD	12 DEC 2024 / 30 NOV 2025	
206/2024	Paya Lebar Airport - Mobile Crane	AD	12 DEC 2024 / 31 JUL 2025	
207/2024	Paya Lebar Airport - Mobile Cranes	AD	12 DEC 2024 / 03 JUN 2025	

NR/Year	Subject	AIP section(s) affected	Period of validity (from/to)	Cancellation record
208/2024	Paya Lebar Airport - Cranes	AD	12 DEC 2024 / 30 DEC 2025	
209/2024	Paya Lebar Airport - Cranes	AD	12 DEC 2024 / 30 DEC 2025	
210/2024	Paya Lebar Airport - Mobile Crane	AD	31 DEC 2024 / 31 MAY 2025	
211/2024	Paya Lebar Airport - Mobile Crane	AD	31 DEC 2024 / 30 JUN 2025	
212/2024	Paya Lebar Airport - Mobile Crane	AD	31 DEC 2024 / 31 OCT 2025	
213/2024	Paya Lebar Airport - Mobile Crane	AD	12 DEC 2024 / 31 MAR 2025	
216/2024	Paya Lebar Airport - Topless Tower Cranes	AD	12 DEC 2024 / 28 FEB 2025	
217/2024	Paya Lebar Airport - Mobile Crane	AD	12 DEC 2024 / 28 FEB 2025	

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GEN 1.2-2	30 NOV 2023	GEN 3.5-7	21 MAR 2024	ENR 1.8-11	16 MAY 2024		
GEN 1.2-3	25 JAN 2024	GEN 3.5-8	21 MAR 2024	ENR 1.8-12	16 MAY 2024		
GEN 1.2-4	25 JAN 2024	GEN 3.5-9	21 MAR 2024	ENR 1.8-13	16 MAY 2024		
GEN 1.2-5	25 JAN 2024	GEN 3.6-1	16 MAY 2024	ENR 1.8-14	16 MAY 2024		
GEN 1.2-6	21 MAR 2024	GEN 3.6-2	21 MAR 2024	ENR 1.8-15	16 MAY 2024		
GEN 1.2-7	21 MAR 2024	GEN 3.6-3	07 OCT 2021	ENR 1.8-16	16 MAY 2024		
GEN 1.3-1	16 MAY 2024	GEN 3.6-4	21 MAR 2024	ENR 1.8-17	16 MAY 2024		
GEN 1.3-2	05 SEP 2024	GEN 3.6-5	21 MAR 2024	ENR 1.8-18	05 SEP 2024		
GEN 1.3-3	31 OCT 2024	GEN 4		ENR 1.8-19	05 SEP 2024		
GEN 1.3-4	31 OCT 2024	GEN 4.1-1	14 JUL 2022	ENR 1.8-20	05 SEP 2024		
GEN 1.3-5	26 DEC 2024	GEN 4.2-1	31 OCT 2024	ENR 1.8-21	05 SEP 2024		
GEN 1.3-6	16 MAY 2024	GEN 4.2-2	31 OCT 2024	ENR 1.8-22	05 SEP 2024		
GEN-1.3/ARR PAX FLOW	25 APR 2019	GEN 4.2-3	31 OCT 2024	ENR 1.8-23	05 SEP 2024		
GEN-1.3/DEP PAX FLOW 1	25 APR 2019	GEN 4.2-4	31 OCT 2024	ENR 1.8-24	05 SEP 2024		
GEN-1.3/DEP PAX FLOW 2	25 APR 2019	GEN 4.2-5	31 OCT 2024	ENR 1.8-25	31 OCT 2024		
GEN 1.4-1	05 SEP 2024	GEN 4.2-6	31 OCT 2024	ENR 1.8-26	31 OCT 2024		
GEN 1.4-2	26 DEC 2024	GEN 4.2-7	31 OCT 2024	ENR 1.8-27	31 OCT 2024		
GEN 1.4-3	05 SEP 2024	Part 2 – EN-ROUTE (ENR)		ENR 1.8-28	31 OCT 2024		
GEN 1.5-1	21 MAR 2024	ENR 0		ENR 1.8-29	31 OCT 2024		
GEN 1.6-1	21 MAR 2024	ENR 0.6-1	16 MAY 2024	ENR 1.8-30	31 OCT 2024		
GEN 1.6-2	11 JUL 2024	ENR 0.6-2	16 MAY 2024	ENR 1.9-1	16 MAY 2024		
GEN 1.6-3	11 JUL 2024	ENR 0.6-3	16 MAY 2024	ENR 1.9-2	16 MAY 2024		
GEN 1.6-4	11 JUL 2024	ENR 0.6-4	31 OCT 2024	ENR 1.9-3	16 MAY 2024		
GEN 1.6-5	11 JUL 2024	ENR 0.6-5	16 MAY 2024	ENR 1.9-4	16 MAY 2024		
GEN 1.7-1	08 SEP 2022	ENR 0.6-6	05 SEP 2024	ENR 1.9-5	16 MAY 2024		
GEN 1.7-2	23 FEB 2023	ENR 1		ENR 1.10-1	16 MAY 2024		
GEN 1.7-3	23 FEB 2023	ENR 1.1-1	16 MAY 2024	ENR 1.10-2	16 MAY 2024		
GEN 1.7-4	25 JAN 2024	ENR 1.1-2	16 MAY 2024	ENR 1.10-3	21 MAR 2024		
GEN 2		ENR 1.1-3	16 MAY 2024	ENR 1.11-1	21 MAR 2024		
GEN 2.1-1	24 MAR 2022	ENR 1.1-4	16 MAY 2024	ENR 1.12-1	12 NOV 2015		
GEN 2.1-2	31 OCT 2024	ENR 1.1-5	16 MAY 2024	ENR 1.12-2	12 NOV 2015		
GEN 2.2-1	02 MAR 2017	ENR 1.1-6	16 MAY 2024	ENR 1.12-3	12 NOV 2015		
GEN 2.2-2	02 MAR 2017	ENR 1.1-7	16 MAY 2024	ENR 1.12-4	12 NOV 2015		
GEN 2.2-3	21 MAR 2024	ENR 1.1-8	16 MAY 2024	ENR 1.13-1	12 NOV 2015		
GEN 2.2-4	21 MAR 2024	ENR 1.1-9	16 MAY 2024	ENR 1.14-1	16 MAY 2024		
GEN 2.2-5	21 MAR 2024	ENR 1.1-10	16 MAY 2024	ENR 1.14-2	31 OCT 2024		
GEN 2.3-1	12 NOV 2015	ENR 1.1-11	16 MAY 2024	ENR-1.14-3 to ENR-1.14-4	15 SEP 2016		
GEN 2.3-2	12 NOV 2015	ENR 1.1-12	16 MAY 2024	ENR-1.14-5 to ENR-1.14-6	15 SEP 2016		
GEN 2.3-3	12 NOV 2015	ENR 1.1-13	16 MAY 2024	ENR 2			
GEN 2.4-1	21 MAR 2024	ENR 1.2-1	21 MAR 2024	ENR 2.1-1	05 SEP 2024		
GEN 2.5-1	21 MAR 2024	ENR 1.3-1	05 SEP 2024	ENR 2.1-2	05 SEP 2024		
GEN-2.5-3	21 MAR 2024	ENR 1.4-1	21 MAR 2024	ENR 2.1-3	16 MAY 2024		
GEN 2.6-1	12 NOV 2015	ENR 1.5-1	21 MAR 2024	ENR 2.1-4	16 MAY 2024		
GEN 2.6-2	12 NOV 2015	ENR 1.5-2	05 SEP 2024	ENR 2.1-5	16 MAY 2024		
GEN 2.7-1	05 DEC 2019	ENR 1.5-3	05 SEP 2024	ENR-2.1-7	21 MAR 2024		
GEN 3		ENR 1.5-4	05 SEP 2024	ENR-2.1-9	05 SEP 2024		
		ENR 1.6-1	16 MAY 2024	ENR-2.1-11A	21 JUL 2016		
		ENR 1.6-2	25 JAN 2024	ENR-2.1-11B	08 SEP 2022		
				ENR-2.1-13	21 JUL 2016		
				ENR-2.1-14	21 MAR 2024		

ENR 3		ENR-3.6-5 to 5.1	05 SEP 2024	AD 2.WSSS-20	25 JAN 2024
ENR 3.1-1	21 MAR 2024			AD 2.WSSS-21	11 JUL 2024
ENR 3.1-2	21 MAR 2024			AD 2.WSSS-22	25 JAN 2024
ENR 3.1-3	21 MAR 2024			AD 2.WSSS-23	26 DEC 2024
ENR 3.1-4	21 MAR 2024			AD 2.WSSS-24	21 MAR 2024
ENR 3.1-5	21 MAR 2024			AD 2.WSSS-25	16 MAY 2024
ENR 3.1-6	21 MAR 2024			AD 2.WSSS-26	21 MAR 2024
ENR 3.1-7	21 MAR 2024			AD 2.WSSS-27	21 MAR 2024
ENR 3.1-8	21 MAR 2024			AD 2.WSSS-28	21 MAR 2024
ENR 3.1-9	21 MAR 2024			AD 2.WSSS-29	21 MAR 2024
ENR 3.1-10	21 MAR 2024			AD 2.WSSS-30	21 MAR 2024
ENR 3.1-11	05 SEP 2024			AD 2.WSSS-31	21 MAR 2024
ENR 3.1-12	21 MAR 2024			AD 2.WSSS-32	21 MAR 2024
ENR 3.1-13	21 MAR 2024			AD 2.WSSS-33	21 MAR 2024
ENR 3.1-14	21 MAR 2024			AD 2.WSSS-34	21 MAR 2024
ENR 3.1-15	21 MAR 2024			AD 2.WSSS-35	21 MAR 2024
ENR 3.1-16	21 MAR 2024			AD 2.WSSS-36	21 MAR 2024
ENR 3.1-17	21 MAR 2024			AD 2.WSSS-37	05 SEP 2024
ENR 3.1-18	21 MAR 2024			AD 2.WSSS-38	21 MAR 2024
ENR 3.1-19	21 MAR 2024			AD 2.WSSS-39	21 MAR 2024
ENR 3.1-20	21 MAR 2024			AD 2.WSSS-40	21 MAR 2024
ENR 3.1-21	21 MAR 2024			AD 2.WSSS-41	16 MAY 2024
ENR 3.2-1	16 MAY 2024			AD 2.WSSS-42	16 MAY 2024
ENR 3.2-2	16 MAY 2024			AD 2.WSSS-43	16 MAY 2024
ENR 3.2-3	16 MAY 2024			AD 2.WSSS-44	16 MAY 2024
ENR 3.2-4	16 MAY 2024			AD 2.WSSS-45	16 MAY 2024
ENR 3.2-5	05 SEP 2024			AD 2.WSSS-46	16 MAY 2024
ENR 3.2-6	05 SEP 2024			AD 2.WSSS-47	21 MAR 2024
ENR 3.2-7	16 MAY 2024			AD 2.WSSS-48	21 MAR 2024
ENR 3.2-8	16 MAY 2024			AD-2-WSSS-ADC-1	31 OCT 2024
ENR 3.2-9	16 MAY 2024			AD-2-WSSS-ADC-2 to 2.1	26 DEC 2024
ENR 3.2-10	16 MAY 2024			AD-2-WSSS-ADC-3	26 DEC 2024
ENR 3.2-11	16 MAY 2024			AD-2-WSSS-AOC-1	08 SEP 2022
ENR 3.2-12	16 MAY 2024			AD-2-WSSS-AOC-2	05 SEP 2024
ENR 3.2-13	05 SEP 2024			AD-2-WSSS-AOC-3	21 MAR 2024
ENR 3.2-14	16 MAY 2024			AD-2-WSSS-AOC-4	08 SEP 2022
ENR 3.2-15	16 MAY 2024			AD-2-WSSS-PATC-1	10 OCT 2019
ENR 3.2-16	16 MAY 2024			AD-2-WSSS-PATC-2	11 JUL 2024
ENR 3.2-17	16 MAY 2024			AD-2-WSSS-PATC-3	31 OCT 2024
ENR 3.2-18	16 MAY 2024			AD-2-WSSS-PATC-4	31 OCT 2024
ENR 3.2-19	16 MAY 2024			AD-2-WSSS-PATC-5	11 JUL 2024
ENR 3.2-20	16 MAY 2024			AD-2-WSSS-SID-1 to 1.1	26 DEC 2024
ENR 3.2-21	05 SEP 2024			AD-2-WSSS-SID-2 to 2.1	31 OCT 2024
ENR 3.2-22	16 MAY 2024			AD-2-WSSS-SID-3 to 3.1	31 OCT 2024
ENR 3.2-23	16 MAY 2024			AD-2-WSSS-SID-4 to 4.1	31 OCT 2024
ENR 3.2-24	05 SEP 2024			AD-2-WSSS-SID-5 to 5.1	31 OCT 2024
ENR 3.2-25	16 MAY 2024			AD-2-WSSS-SID-6 to 6.1	31 OCT 2024
ENR 3.2-26	16 MAY 2024			AD-2-WSSS-SID-7 to 7.1	31 OCT 2024
ENR 3.2-27	16 MAY 2024			AD-2-WSSS-SID-8 to 8.1	31 OCT 2024
ENR 3.2-28	05 SEP 2024			AD-2-WSSS-SID-9 to 9.1	31 OCT 2024
ENR 3.2-29	05 SEP 2024			AD-2-WSSS-SID-10 to 10.1	31 OCT 2024
ENR 3.2-30	16 MAY 2024			AD-2-WSSS-SID-11 to 11.1	31 OCT 2024
ENR 3.2-31	05 SEP 2024			AD-2-WSSS-SID-12 to 12.1	31 OCT 2024
ENR 3.2-32	05 SEP 2024			AD-2-WSSS-SID-13 to 13.1	31 OCT 2024
ENR 3.2-33	05 SEP 2024			AD-2-WSSS-SID-14 to 14.1	31 OCT 2024
ENR 3.2-34	16 MAY 2024			AD-2-WSSS-SID-15 to 15.1	31 OCT 2024
ENR 3.2-35	16 MAY 2024			AD-2-WSSS-SID-16 to 16.1	31 OCT 2024
ENR 3.2-36	16 MAY 2024			AD-2-WSSS-SID-17 to 17.1	31 OCT 2024
ENR 3.2-37	16 MAY 2024			AD-2-WSSS-SID-18 to 18.1	31 OCT 2024
ENR 3.2-38	16 MAY 2024			AD-2-WSSS-SID-19 to 19.1	31 OCT 2024
ENR 3.2-39	16 MAY 2024			AD-2-WSSS-SID-20 to 20.1	31 OCT 2024
ENR 3.2-40	16 MAY 2024			AD-2-WSSS-SID-21 to 21.1	31 OCT 2024
ENR 3.2-41	16 MAY 2024			AD-2-WSSS-SID-22 to 22.1	31 OCT 2024
ENR 3.2-42	16 MAY 2024			AD-2-WSSS-SID-23 to 23.1	31 OCT 2024
ENR 3.2-43	16 MAY 2024			AD-2-WSSS-SID-24 to 24.1	31 OCT 2024
ENR 3.2-44	16 MAY 2024			AD-2-WSSS-SID-25 to 25.1	31 OCT 2024
ENR 3.2-45	16 MAY 2024			AD-2-WSSS-SID-26 to 26.1	31 OCT 2024
ENR 3.2-46	16 MAY 2024			AD-2-WSSS-SID-27 to 27.1	31 OCT 2024
ENR 3.2-47	16 MAY 2024			AD-2-WSSS-SID-28 to 28.1	31 OCT 2024
ENR 3.4-1	21 MAR 2024			AD-2-WSSS-SID-29 to 29.1	31 OCT 2024
ENR 3.4-2	21 MAR 2024			AD-2-WSSS-SID-30 to 30.1	31 OCT 2024
ENR 3.4-3	16 MAY 2024			AD-2-WSSS-SID-31 to 31.1	31 OCT 2024
ENR 3.4-5	21 MAR 2024			AD-2-WSSS-SID-32 to 32.1	31 OCT 2024
ENR 3.4-7	21 JUL 2016			AD-2-WSSS-SID-33 to 33.1	31 OCT 2024
ENR 3.5-1	02 MAR 2017			AD-2-WSSS-SID-34 to 34.1	31 OCT 2024
ENR 3.5-2	02 MAR 2017			AD-2-WSSS-SID-35 to 35.1	26 DEC 2024
ENR 3.5-3	25 JAN 2024			AD-2-WSSS-SID-36 to 36.1	31 OCT 2024
ENR 3.6-1	21 MAR 2024			AD-2-WSSS-SID-37 to 37.1	31 OCT 2024
ENR 3.6-2	21 MAR 2024			AD-2-WSSS-SID-38 to 38.1	31 OCT 2024
ENR-3.6-3 to 3.1	05 SEP 2024			AD-2-WSSS-SID-39 to 39.1	31 OCT 2024

AD-2-WSSS-SID-40 to 40.1	31 OCT 2024	AD 2.WSSL-14	05 SEP 2024
AD-2-WSSS-SID-41 to 41.1	31 OCT 2024	AD 2.WSSL-15	21 MAR 2024
AD-2-WSSS-SID-42 to 42.1	31 OCT 2024	AD 2.WSSL-16	05 SEP 2024
AD-2-WSSS-SID-43 to 43.1	31 OCT 2024	AD 2.WSSL-17	05 SEP 2024
AD-2-WSSS-SID-44 to 44.1	31 OCT 2024	AD 2.WSSL-18	05 SEP 2024
AD-2-WSSS-SID-45 to 45.1	31 OCT 2024	AD 2.WSSL-19	05 SEP 2024
AD-2-WSSS-SID-46 to 46.1	31 OCT 2024	AD 2.WSSL-20	21 MAR 2024
AD-2-WSSS-SID-47 to 47.1	31 OCT 2024	AD-2-WSSL-ADC-1 to 1.1	26 DEC 2024
AD-2-WSSS-SID-48 to 48.1	31 OCT 2024	AD-2-WSSL-ADC-2	26 DEC 2024
AD-2-WSSS-SID-49 to 49.1	31 OCT 2024	AD-2-WSSL-ADC-3	26 DEC 2024
AD-2-WSSS-SID-50 to 50.1	31 OCT 2024	AD-2-WSSL-AOC-1	16 JUL 2020
AD-2-WSSS-SID-51 to 51.1	31 OCT 2024	AD-2-WSSL-AOC-2	16 JUL 2020
AD-2-WSSS-SID-52 to 52.1	31 OCT 2024	AD-2-WSSL-VAC-1	05 SEP 2024
AD-2-WSSS-SID-53 to 53.1	31 OCT 2024	AD-2-WSSL-VAC-2	05 SEP 2024
AD-2-WSSS-SID-54 to 54.1	31 OCT 2024	AD-2-WSSL-VAC-3	05 SEP 2024
AD-2-WSSS-SID-55 to 55.1	31 OCT 2024	AD-2-WSSL-VAC-4	05 SEP 2024
AD-2-WSSS-SID-56 to 56.1	31 OCT 2024	AD-2-WSSL-VDC-1 to 1.1	05 SEP 2024
AD-2-WSSS-SID-57 to 57.1	31 OCT 2024	AD-2-WSSL-VDC-2 to 2.1	05 SEP 2024
AD-2-WSSS-SID-58 to 58.1	31 OCT 2024	AD-2-WSSL-VFR-1	31 OCT 2024
AD-2-WSSS-SID-59 to 59.1	31 OCT 2024	AD-2-WSSL-IFR-1	31 OCT 2024
AD-2-WSSS-SID-60 to 60.1	31 OCT 2024	AD-2-WSSL-IFR-2	31 OCT 2024
AD-2-WSSS-SID-61 to 61.1	31 OCT 2024	AD 2.WSAP-1	16 JUL 2020
AD-2-WSSS-SID-62 to 62.1	31 OCT 2024	AD 2.WSAP-2	19 JUL 2018
AD-2-WSSS-SID-63 to 63.1	31 OCT 2024	AD 2.WSAP-3	10 OCT 2019
AD-2-WSSS-SID-64 to 64.1	31 OCT 2024	AD 2.WSAP-4	19 JUL 2018
AD-2-WSSS-STAR-1 to 1.1	31 OCT 2024	AD 2.WSAP-5	10 OCT 2019
AD-2-WSSS-STAR-2 to 2.1	31 OCT 2024	AD 2.WSAP-6	12 OCT 2017
AD-2-WSSS-STAR-3 to 3.1	31 OCT 2024	AD 2.WSAP-7	19 JUL 2018
AD-2-WSSS-STAR-4 to 4.1	31 OCT 2024	AD 2.WSAP-8	16 MAY 2024
AD-2-WSSS-STAR-5 to 5.1	31 OCT 2024	AD 2.WSAP-9	21 MAR 2024
AD-2-WSSS-STAR-6 to 6.1	31 OCT 2024	AD 2.WSAP-10	21 MAR 2024
AD-2-WSSS-STAR-7 to 7.1	31 OCT 2024	AD 2.WSAP-11	21 MAR 2024
AD-2-WSSS-STAR-8 to 8.1	31 OCT 2024	AD-2-WSAP-ADC-1	16 JUL 2020
AD-2-WSSS-STAR-9 to 9.1	31 OCT 2024	AD-2-WSAP-ADC-2	16 JUL 2020
AD-2-WSSS-STAR-10 to 10.1	31 OCT 2024	AD-2-WSAP-AOC-1	24 MAR 2022
AD-2-WSSS-STAR-11 to 11.1	31 OCT 2024	AD-2-WSAP-IAC-1	05 SEP 2024
AD-2-WSSS-STAR-12 to 12.1	31 OCT 2024	AD-2-WSAP-IAC-2	16 MAY 2024
AD-2-WSSS-STAR-13 to 13.1	31 OCT 2024	AD-2-WSAP-IAC-3	05 SEP 2024
AD-2-WSSS-STAR-14 to 14.1	31 OCT 2024	AD-2-WSAP-IAC-4	16 MAY 2024
AD-2-WSSS-STAR-15 to 15.1	31 OCT 2024	AD-2-WSAP-IAC-5	05 SEP 2024
AD-2-WSSS-STAR-16 to 16.1	31 OCT 2024	AD-2-WSAP-IAC-6	05 SEP 2024
AD-2-WSSS-STAR-17 to 17.1	31 OCT 2024	AD 2.WSAT-1	16 JUL 2020
AD-2-WSSS-STAR-18 to 18.1	31 OCT 2024	AD 2.WSAT-2	26 MAR 2020
AD-2-WSSS-STAR-19 to 19.1	31 OCT 2024	AD 2.WSAT-3	25 FEB 2021
AD-2-WSSS-IAC-1	31 OCT 2024	AD 2.WSAT-4	25 FEB 2021
AD-2-WSSS-IAC-2	31 OCT 2024	AD 2.WSAT-5	16 MAY 2024
AD-2-WSSS-IAC-3	31 OCT 2024	AD 2.WSAT-6	21 MAR 2024
AD-2-WSSS-IAC-5	31 OCT 2024	AD 2.WSAT-7	21 MAR 2024
AD-2-WSSS-IAC-6	31 OCT 2024	AD-2-WSAT-ADC-1	17 JUN 2021
AD-2-WSSS-IAC-7	31 OCT 2024	AD 2.WSAG-1	25 JAN 2024
AD-2-WSSS-IAC-9 to 9.1	31 OCT 2024	AD 2.WSAG-2	25 JAN 2024
AD-2-WSSS-IAC-10 to 10.1	31 OCT 2024	AD 2.WSAG-3	21 MAR 2024
AD-2-WSSS-IAC-11 to 11.1	31 OCT 2024	AD 2.WMKJ-1	12 NOV 2015
AD-2-WSSS-IAC-12 to 12.1	31 OCT 2024	AD 2.WIDD-1	21 MAR 2024
AD-2-WSSS-IAC-13 to 13.1	31 OCT 2024	AD 2.WIDN-1	21 MAR 2024
AD-2-WSSS-IAC-14 to 14.1	31 OCT 2024	AD 2.WIDN-2	21 MAR 2024
AD-2-WSSS-VAC-1 to 1.1	31 OCT 2024	AD 2.WIDT-1	21 MAR 2024
AD 2.WSSL-1	10 SEP 2020		
AD 2.WSSL-2	30 NOV 2023		
AD 2.WSSL-3	26 DEC 2024		
AD 2.WSSL-4	05 DEC 2019		
AD 2.WSSL-5	30 NOV 2023		
AD 2.WSSL-6	25 JAN 2024		
AD 2.WSSL-7	26 DEC 2024		
AD 2.WSSL-8	26 DEC 2024		
AD 2.WSSL-9	25 JAN 2024		
AD 2.WSSL-10	05 SEP 2024		
AD 2.WSSL-11	21 MAR 2024		
AD 2.WSSL-12	21 MAR 2024		
AD 2.WSSL-13	21 MAR 2024		

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GEN 1 NATIONAL REGULATIONS AND REQUIREMENTS

GEN 1.1 DESIGNATED AUTHORITIES

The authority responsible for civil aviation in Singapore is the Civil Aviation Authority of Singapore under the Ministry of Transport. The addresses of the designated authorities concerned with facilitation of international air navigation are as follows:

1 CIVIL AVIATION

Post:

CIVIL AVIATION AUTHORITY OF SINGAPORE
SINGAPORE CHANGI AIRPORT, P.O. BOX 1
SINGAPORE 918141

Tel: (65) 65421122

Fax: (65) 65421231

AFS: WSSSYAYX

URL: www.caas.gov.sg

2 METEOROLOGY

Post:

DIRECTOR-GENERAL METEOROLOGICAL SERVICE SINGAPORE
Singapore Changi Airport, P.O. Box 8
SINGAPORE 918141

Tel: (65) 65457190

Fax: (65) 65457192

AFS: WSSSYMYX

URL: www.weather.gov.sg

3 CUSTOMS

Post:

SINGAPORE CUSTOMS
55 Newton Road #07-01, Revenue House
SINGAPORE 307987

Tel: (65) 63552000

URL: www.customs.gov.sg

4 IMMIGRATION

Post:

IMMIGRATION & CHECKPOINTS AUTHORITY
10 Kallang Road, #08-00 ICA Building
SINGAPORE 208718

Tel: (65) 63916100

URL: www.ica.gov.sg

5 HEALTH

Post:

MINISTRY OF HEALTH
Director SERD
16 College Road, College of Medicine Building
SINGAPORE 169854

Tel: (65) 63259220

URL: www.moh.gov.sg

Post:

Director DTD
1 Pasir Panjang Road, Labrador Tower
Level 21, #21-01
SINGAPORE 118479

6 ENROUTE AND AERODROME CHARGES

Post:
CIVIL AVIATION AUTHORITY OF SINGAPORE
Singapore Changi Airport P.O. Box 1
SINGAPORE 918141

Tel: (65) 65421122
Fax: (65) 65421231
AFS: WSSSYAYX

Post:
CHANGI AIRPORT GROUP (S) PTE LTD
SELETAR AIRPORT
21 Seletar Aerospace Road 1 #02-01
SINGAPORE 797405

Tel: (65)64815077 Airside Operations
Fax: (65)64831754

7 AGRICULTURE QUARANTINE

←

Post:
Head Office: ANIMAL & VETERINARY SERVICE
Singapore Botanic Gardens, 1 Cluny Road
SINGAPORE 259569

Email: animals_feedback@nparks.gov.sg

URL: www.nparks.gov.sg/avs

Post:
CHANGI ANIMAL AND PLANT QUARANTINE STATION
Gate C7, Airport Cargo Road Changi Airfreight Centre
SINGAPORE 918104

Tel: (65) 65457523

8 TRANSPORT SAFETY INVESTIGATION BUREAU

Post:
Director (TSIB)
MINISTRY OF TRANSPORT
c/o Changi Airport Post Office P.O. Box 1005
SINGAPORE 918155

Tel: (65) 65412797
Fax: (65) 65422394
URL: www.mot.gov.sg

- 2.4 Visitors must satisfy the following basic entry requirements before they are allowed to enter Singapore:
- a. They are in possession of passports with at least 6 months' validity with assurance of their re-entry into their countries of residence or origin;
 - b. They have sufficient funds to last for the intended period of stay in Singapore;
 - c. They hold confirmed onward/return tickets and entry facilities (including visas) to their onward destinations;
 - d. Short-term travellers holding a passport of travel document from a visa-required country/ region must apply for a Visa; and
 - e. They must fulfil all prevailing public health requirements.

The granting of social visit passes to all visitors is determined by the Immigration & Checkpoints Authority (ICA) officers at the point of entry.

3 PUBLIC HEALTH REQUIREMENTS

- 3.1 Strict compliance with the provisions of the International Health Regulations, 2005, of the World Health Organisation, and Singapore's Infectious Diseases Act is required.
- 3.2 The pilot-in-command of an aircraft landing at Airports in Singapore shall furnish the Airport Health Officer with one copy of the General Declaration form (see ICAO Annex 9 Appendix 1) and one copy of the Passenger Manifest (see ICAO Annex 9 Appendix 2) signed by the pilot-in-command.
- 3.3 Vaccination Certificate Requirements for entry into Singapore are as follows:

← A valid International Certificate of Vaccination for yellow fever is required from all travellers, including Singapore Residents, with travel history to countries with risk of yellow fever transmission (regardless of area, city or region) in the six days prior to arrival in Singapore. The certificate is valid for life, beginning from 10 days after the date of vaccination (this applies to existing and new certificates). Travellers without a valid International Certificate of Vaccination for yellow fever (e.g. unvaccinated individuals, including those who are ineligible to receive the vaccination, and travellers whose certificate has yet to become valid), are liable to be quarantined under the Infectious Diseases Act. For more details on public health requirements related to yellow fever, please refer to Singapore's Ministry of Health website (<https://www.moh.gov.sg/diseases-updates/yellow-fever>) and Immigration & Checkpoints Authority website (<https://www.ica.gov.sg/enter-transit-depart/entering-singapore/yellow-fever-vaccination-certificate>).

← 3.4 For more details on public health requirements, please refer to <https://www.caas.gov.sg/legislation-regulations/covid-19-publications/>.

4 FLYING LICENCES AND RATINGS

4.1 VISITING PILOTS - HOLDERS OF NON-SINGAPORE PILOT LICENCES

- 4.1.1 When a holder of a non-Singapore pilot's licence wishes to fly on a Singapore registered aircraft in a private capacity in Singapore, he will be required to apply for a Certificate of Validation for his foreign licence. The Certificate of Validation, if approved, will be issued for this purpose only and for a limited period. The applicant would also be required to fulfil certain conditions. Pilots who wish to apply for a Certificate of Validation should contact the Personnel Licensing Section of the Civil Aviation Authority of Singapore (see address in paragraph 4.2.2 below)

4.2 CONVERSION OF FOREIGN LICENCE TO SINGAPORE LICENCE

- 4.2.1 Pilots holding valid licences, including an instrument rating and/or flying instructor's rating issued by ICAO Contracting States, may be considered for the conversion of their licences under the following conditions:
- a. The pilot must demonstrate formal prospective employment by a Singapore air operator, approved training organisation or flying club to operate on Singapore registered aircraft.
(This requirement will not be applicable for the conversion of a foreign licence to a Singapore PPL.)
 - b. The pilot's foreign licence and its associated ratings must be valid from the time of application to the time of issue of a Singapore licence and its associated ratings.
 - c. The pilot must fulfil all conversion terms as specified by CAAS within a period of 6 months preceding the issue of a Singapore licence and its associated ratings.

4.2.2 Further details on the conversion of a foreign licence can be obtained from:

Safety Policy and Planning Division
Personnel Licensing Section
Civil Aviation Authority of Singapore
Singapore Changi Airport Terminal 2
South Finger Pier Level 3
Unit No. 038-039
Singapore 819643

TEL: (65) 65412482
FAX: (65) 65434941

4.3 *PILOTS WHO HAVE ATTAINED THE AGE OF 65*

4.3.1 Any pilot who has attained his 65th birthday shall not be permitted to act as pilot-in-command or co-pilot of an aircraft engaged in scheduled or non-scheduled international commercial air transport operations within Singapore airspace.

GEN 1.4 ENTRY, TRANSIT AND DEPARTURE OF CARGO

1 CUSTOMS REQUIREMENTS CONCERNING CARGO AND OTHER ARTICLES

- 1.1 The following supporting documents: Airway Bill, Commercial Invoice, Packing List together with Customs Permits [for all goods including controlled goods, dutiable goods and goods subject to Goods and Services Tax (GST)] are to be produced if they are required for checks by Immigration and Checkpoints Authority officers at the checkpoint.
- 1.2 The following are applicable to the Free Trade Zone (FTZ):
- a. Transshipment within the same FTZ (In Through Airway Bill cases), no Customs documentation is required if the items are not controlled by the Competent Authorities (CAs);
 - b. Transshipment of controlled goods within the same FTZ (In Through Airway Bill cases), a transshipment (Through transshipment within the same FTZ) permit is required;
 - c. Import for re-export within the same FTZ (In Non-Through Airway Bill cases) without storage, an import for re-export permit is required for the importation and exportation of the goods; and
 - d. For the temporary storage of imported goods (excluding liquors and tobacco) in the Free Trade Zones, pending re-export to another destination or pending local release, an import permit is required. Subsequently for exportation, an export permit is required to be taken up.
- 1.3 Under the Strategic Goods (Control) Act (SGCA), goods in transshipment or transit are subject to controls under the full control list. No clearance documents are required for strategic goods in transshipment or transit which are taken into a FTZ immediately after they have been brought into Singapore and stay in the FTZ for not more than 45-days (for sea) / 21-days (for air) except for certain categories of goods. For transshipment and transit of certain sensitive strategic goods (listed under the Fourth and Fifth Schedule of the SGCR) and goods that are intended or likely to be used for nuclear, chemical or biological weapon purposes, or missiles capable of delivering such weapons (i.e. catch-all for WMD purposes), a strategic good permit is still required. Depending on the conditions stated in the permits, these goods may be required to be presented for Customs clearance at the checkpoint
- 1.4 For the exportation of dutiable goods from a Licensed Warehouse, or non-dutiable goods from a Zero-GST Warehouse, Customs outward permits and goods are to be presented for checkpoint inspection and clearance.
- 1.5 For the importation and exportation of controlled goods, depending on the Competent Authorities' (CA) requirements, these goods may be required to be presented for Customs clearance at the checkpoint. For more information on the list of Controlled and Prohibited Goods for the importation and exportation of goods, please visit the respective pages on the Singapore Customs website. You may also refer to the Strategic Goods and the United Nations Security Council Sanctions webpages for more information on the relevant topics.

2 REQUIREMENTS FOR ANIMALS, BIRDS, PLANTS, VETERINARY BIOLOGICS, ORNAMENTAL FISH, CITES AND THEIR PRODUCTS

- 2.1 Prior permission of the Singapore Food Agency (SFA) is required for import, export or transshipment of:
- a. Animals, birds for the purpose of rearing and slaughter for human consumption, animal feed for food producing animals, eggs and egg products, meat and meat products (including canned or processed meat).
 - b. Fish and aquatic animals (for rearing as food and for human consumption, fisheries products (in all forms).
 - c. Fruits and vegetables.
 - d. Processed food products and food contact articles.
- 2.2 Prior permission of the Animal & Veterinary Service (AVS) is required for import, export or transshipment of:
- a. Animals and animal products (including veterinary biologics, pet food and fertilizers containing animal products), birds, plants, ornamental fish.
- 2.3 Prior permission of the Animal & Veterinary Service (AVS) is also required for export of:
- a. Animals and birds
 - b. Ornamental fish

- 2.4 Prior permission of the National Parks Board (NParks) is required for the import of:
- a. Plants and propagatable plant parts including cuttings, seeds and bulbs with or without potting medium, organic fertilisers of plant origin, live insects and microorganisms.

2.5 In the case of live animals, prior permission is also required for animals in transit. No prior permission required for transshipment of plants and plant products.

2.6 Prior permission of the Animal and Veterinary Service (AVS) is required for the import, export and re-export of all species of animals and plants, including their parts or derivatives protected under the Convention on International Trade in Endangered Species of Wild Fauna and Flora (CITES).

3 REQUIREMENTS RELATING TO ARMS AND EXPLOSIVES

3.1 Arms, explosives and explosives precursors are items regulated under the Arms & Explosives Act, Chapter 13. Under the said Act, any import or export of any of these items will require a licence from the Police Licensing & Regulatory Department (PLRD). For avoidance of any doubt, any transshipment (i.e. import of goods into Singapore on one conveyance and moved to another conveyance for the sole purpose of export to any place outside of Singapore) would similarly require an import and export licence respectively.

3.2 Application for the necessary licences can be submitted via Singapore Custom's TradeNet website (for traders) or GoBusiness website (<https://www.gobusiness.gov.sg>). More information can be obtained from PLRD's website at <https://www.police.gov.sg/licence> or email: spf_licensing_feedback@spf.gov.sg.

4 REQUIREMENTS FOR THE CARRIAGE OF DANGEROUS GOODS IN AIRCRAFT

4.1 DANGEROUS GOODS

4.1.1 Regulation 5(1) of Air Navigation (92-Carriage of Dangerous Goods) Regulations 2022 states that an operator of an aircraft must not load or carry any dangerous goods as cargo on its aircraft unless the operator of the aircraft has been granted a dangerous goods permit by CAAS and in accordance with any conditions which CAAS may impose. This requirement applies to all aircraft operated for the purpose of commercial air transport flying to or from the Republic of Singapore, and without an authorisation granted under regulation 14 of Air Navigation (121-Commercial Air Transport by Large Aeroplanes) Regulations 2018 or regulation 14 of Air Navigation (135-Commercial Air Transport by Helicopters and Small Aeroplanes) Regulations 2018.

4.1.2 Where an operator of an aircraft has diplomatic clearance from the Government of Singapore to land the aircraft in Singapore, the operator is not required, for the period of time that the diplomatic clearance is valid, to obtain a dangerous goods permit.

4.1.3 A dangerous goods permit, if granted, is subject to compliance with Annex 18 to the Convention on International Civil Aviation and the latest edition of the ICAO Technical Instructions relating to the Safe Transport of Dangerous Goods by Air.

4.1.4 Operators of aircraft that wish to carry dangerous goods as cargo should submit their online application for a dangerous goods permit via the Enterprise Safety Oversight Management System (eSOMS) at <https://esoms.caas.gov.sg/esoms/landingpage.html>. Applications should be submitted at least 7 working days prior to the intended date of carriage of the dangerous goods cargo. New applicants may write to Dangerous Goods Section, Flight Standards Division, CAAS (email: CAAS_dangerousgoods@caas.gov.sg), to request for an eSOMS account.

5 REPORTING OF DANGEROUS GOODS ACCIDENT/INCIDENT

5.1 Regulation 24(1) of Air Navigation (92-Carriage of Dangerous Goods) Regulations 2022 requires the operator of an aircraft to report to the Director-General of Civil Aviation:

- a. any dangerous goods accident or incident involving any aircraft that lands in or departs from Singapore; or
- b. the finding of undeclared or misdeclared dangerous goods in cargo, mail or passenger's baggage that originate from or destined for Singapore, or are in transit in Singapore.

Operators are required to submit this report to CAAS in the quickest available means within 24 hours of the occurrence coming to the knowledge of the person making the report.

NOTAM are exchanged with other International NOTAM Offices (NOF) as follows:

NOTAM exchanged with other NOF		
(R=Received only, S=Sent only, EAD=Received from/Sent to European AIS Database)		
Abu Dhabi	Jakarta	Paro (R)
Addis Ababa	Jeddah	Phnom Penh (R)
Almaty (EAD)	Johannesburg	Plaisance
Amman (EAD)	Kabul	Port Moresby
Amsterdam (EAD)	Karachi	Praha (S)
Ankara (EAD)	Kathmandu	Pyongyang
Antananarivo	Khartoum (R)	Riga (EAD)
Athinai	Kobenhavn (EAD)	Roma
Baghdad	Kolkata	Sanaa
Bahrain	Kuala Lumpur	Sarajevo (S)
Baku (EAD)	Kuwait	Seoul
Bangkok	Kyiv (EAD)	Shannon (EAD)
Beijing	Lisboa (EAD)	Sofia
Beograd (EAD)	Ljubljana (EAD)	Stockholm (EAD)
Brasilia (S)	Lobamba (R)	Taipei
Brazzaville (R)	London (EAD)	Tallinn (EAD)
Brunei	Luqa (EAD)	Tbilisi (EAD)
Bruxelles (EAD)	Macao	Tehran
Bucuresti (EAD)	Madrid (EAD)	Tel Aviv
Budapest (EAD)	Mahé	Tirana (EAD)
Cairo (S)	Male	Tokyo
Canberra	Manila (EAD)	Tripoli
Chennai	Maseru (R)	Vientiane
Christchurch	Minsk (EAD)	Vilnius (EAD)
Colombo	Moskva	Warsaw (S) (EAD)
Damascus (R)	Mumbai	Washington
Dar es-Salaam (R)	Muscat	Wien (EAD)
Dhaka	Nadi	Windhoek (R)
Frankfurt (EAD)	Nairobi	Yangon
Hanoi	New Delhi	Yerevan (S) (EAD)
Harare	Nicosia (EAD)	Zagreb (EAD)
Helsinki (EAD)	Ottawa	Zurich
Hong Kong	Paris (EAD)	

SNOWTAM

Series S (SNOWTAM) comprises information concerning the presence or cessation of hazardous conditions due to snow, ice, slush, frost, standing water or water associated with snow, slush, ice or frost on the movement area.

SNOWTAM is issued for Singapore Changi Airport and Seletar Airport in accordance with ICAO PANS-AIM (Doc 10066), Appendix 4 by the International NOTAM Office (NOF).

Pre-flight Information Bulletin (PIB), a recapitulation of valid NOTAM in plain language, can be retrieved from AIM-SG URL: <https://aim-sg.caas.gov.sg>

3.6 **Aeronautical Information Circular (AIC)**

Aeronautical Information Circular (AIC) contains information on the long-term forecast of major change in legislation, regulations, procedures or facilities; information of a purely explanatory or advisory nature liable to affect flight safety; and information or notification of an explanatory or advisory nature concerning technical, legislative or purely administrative matters which is inappropriate to the AIP or NOTAM, and is published as required.

Each AIC is numbered consecutively on a calendar year basis. The year, indicated by 2 digits, is a part of the serial number of the AIC. A checklist of current AIC is issued in the form of an AIC once a year.

3.7 Aeronautical Charts

Aeronautical charts are a visual representation of a portion of the Earth specifically designated to meet the needs of air navigation.

3.8 Sale of publications

The Aeronautical Information Products can be accessed freely via AIM-SG URL: <https://aim-sg.caas.gov.sg>.

3.1.4 AIRAC SYSTEM

4.1 In order to control and regulate operationally significant changes requiring amendments to charts, route manuals, etc., such changes, whenever possible, will be issued on predetermined dates according to the AIRAC SYSTEM. This type of information will be published in an AIRAC AIP Supplement.

4.2 AIRAC information will be issued so that the information will be received by the user not later than 28 days, and for major changes not later than 56 days, before the effective date. The table below indicates AIRAC effective dates for Years 2022 to 2026:

AIRAC Effective Dates				
Year 2022	Year 2023	Year 2024	Year 2025	Year 2026
27 January	26 January	25 January	23 January	22 January
24 February	23 February	22 February	20 February	19 February
24 March	23 March	21 March	20 March	19 March
21 April	20 April	18 April	17 April	16 April
19 May	18 May	16 May	15 May	14 May
16 June	15 June	13 June	12 June	11 June
14 July	13 July	11 July	10 July	09 July
11 August	10 August	08 August	07 August	06 August
08 September	07 September	05 September	04 September	03 September
06 October	05 October	03 October	02 October	01 October
03 November	02 November	31 October	30 October	29 October
01 December	30 November	28 November	27 November	26 November
29 December	28 December	26 December	25 December	24 December

← 4.3 A TRIGGER NOTAM will be originated giving a brief description of the contents of the AIRAC AIP Supplement, the effective date and time, and the reference number of the AIRAC AIP Supplement. This trigger NOTAM will come into force on the same effective date and time as the AIRAC AIP Supplement and will remain in force until 14 days after the effective date.

4.4 A NIL AIRAC NOTAM will be issued one cycle before the AIRAC effective date if no information is submitted for publication of an AIRAC AIP Supplement for an AIRAC effective date. The NIL AIRAC NOTAM will remain current for a duration of 14 days.

3.1.5 PRE-FLIGHT INFORMATION SERVICE AT AERODROMES

Aerodrome	Briefing Coverage	Availability of Bulletins
SINGAPORE CHANGI	All route stages emanating from Singapore.	Pre-flight Information Bulletin (PIB) can be retrieved from AIM-SG URL - https://aim-sg.caas.gov.sg
SELETAR		

3.1.6 DIGITAL DATA SETS

To be developed.

k. Visual Approach Chart - ICAO

This chart is produced for aerodromes used by civil aviation where:

- * only limited navigation facilities are available; or
- * radio communication facilities are not available; or
- * no adequate aeronautical charts of the aerodrome and its surroundings at 1:500 000 or greater scale are available; or
- * visual approach procedures have been established

The aeronautical data shown include information on aerodromes obstacles, designated airspace, visual approach information, radio navigation aids and communication facilities, as appropriate.

3.2.5 LIST OF AERONAUTICAL CHARTS AVAILABLE

GEN 3.2.5 LIST OF AERONAUTICAL CHARTS AVAILABLE					
<i>Title of Chart Series</i>	<i>Scale</i>	<i>Name and/or number</i>		<i>Price (\$)</i>	<i>Date</i>
World Aeronautical Chart ICAO (WAC)	1:1 000 000	WAC 2860		In AIP	21 MAR 24
Enroute Chart ICAO (ENRC)		ERC 6-1		In AIP	05 SEP 24
Instrument Approach Chart ICAO (IAC)		Singapore Changi			
	1:400 000	RWY 02L - ICW ILS/DME	AD-2-WSSS-IAC-1	In AIP	31 OCT 24
	1:400 000	RWY 02C - ICE ILS/DME	AD-2-WSSS-IAC-2	In AIP	31 OCT 24
	1:400 000	RWY 02R - ICX ILS/DME	AD-2-WSSS-IAC-3	In AIP	31 OCT 24
	1:400 000	RWY 20R - ICH ILS/DME	AD-2-WSSS-IAC-5	In AIP	31 OCT 24
	1:400 000	RWY 20C - ICC ILS/DME	AD-2-WSSS-IAC-6	In AIP	31 OCT 24
	1:400 000	RWY 20C - VTK DVOR/DME	AD-2-WSSS-IAC-7	In AIP	31 OCT 24
	1:400 000	RWY 02L - RNP	AD-2-WSSS-IAC-9	In AIP	31 OCT 24
	1:400 000	RWY 02C - RNP	AD-2-WSSS-IAC-10	In AIP	31 OCT 24
	1:400 000	RWY 20R - RNP	AD-2-WSSS-IAC-11	In AIP	31 OCT 24
	1:400 000	RWY 20C - RNP	AD-2-WSSS-IAC-12	In AIP	31 OCT 24
	1:400 000	RWY 02R - RNP	AD-2-WSSS-IAC-13	In AIP	31 OCT 24
	1:400 000	RWY 20L - RNP	AD-2-WSSS-IAC-14	In AIP	31 OCT 24
		Paya Lebar			
	1:400 000	RWY 20 - PU DVOR/DME	AD-2-WSAP-IAC-1	In AIP	05 SEP 24
	1:400 000	RWY 02 - PU DVOR/DME	AD-2-WSAP-IAC-2	In AIP	16 MAY 24
	1:400 000	RWY 20 - IPS ILS/DME	AD-2-WSAP-IAC-3	In AIP	05 SEP 24
	1:400 000	RWY 02 - IPN ILS/DME	AD-2-WSAP-IAC-4	In AIP	16 MAY 24
	1:400 000	RWY 02 - RNP	AD-2-WSAP-IAC-5	In AIP	05 SEP 24
1:400 000	RWY 20 - RNP	AD-2-WSAP-IAC-6	In AIP	05 SEP 24	
Visual Approach Chart ICAO (VAC)	1:400 000	Singapore Changi	AD-2-WSSS-VAC-1	In AIP	31 OCT 24
		Seletar			
	1:100 000	RWY 03	AD-2-WSSL-VAC-1	In AIP	05 SEP 24
	1:100 000	RWY 21	AD-2-WSSL-VAC-2	In AIP	05 SEP 24
	1:100 000	RWY 03	AD-2-WSSL-VAC-3	In AIP	05 SEP 24
1:100 000	RWY 21	AD-2-WSSL-VAC-4	In AIP	05 SEP 24	
Visual Departure Chart		Seletar			
	1:100 000	RWY 03	AD-2-WSSL-VDC-1	In AIP	05 SEP 24
	1:100 000	RWY 21	AD-2-WSSL-VDC-2	In AIP	05 SEP 24
← Aerodrome Chart ← ICAO (AC)		Singapore Changi			
		Seletar			
		Paya Lebar			
Aerodrome Obstacle Chart ICAO TYPE A (AOC)	1:10 000	RWY 20R/02L	AD-2-WSSS-AOC-1	In AIP	08 SEP 22
	1:10 000	RWY 20C/02C	AD-2-WSSS-AOC-2	In AIP	05 SEP 24
	1:10 000	RWY 02R/20L	AD-2-WSSS-AOC-4	In AIP	08 SEP 22
		Seletar			
	1:10 000	RWY 03/21	AD-2-WSSL-AOC-1	In AIP	16 JUL 20
		Paya Lebar			
	1:20 000	RWY 20/02	AD-2-WSAP-AOC-1	In AIP	24 MAR 22
Aerodrome Obstacle Chart ICAO TYPE B (AOC)	1:20 000	RWY 02L/20R, 02C/20C and RWY 02R/20L	AD-2-WSSS-AOC-3	In AIP	21 MAR 24
	1:20 000	RWY 03/21	AD-2-WSSL-AOC-2	In AIP	16 JUL 20

WSSS AD 2.5 PASSENGER FACILITIES

1	<i>Hotels</i>	Transit area and adjacent to airport terminal.
2	<i>Restaurants</i>	Transit and public areas of terminal building.
3	<i>Transportation</i>	Buses, taxis, MRT train and car rental service.
4	<i>Medical Facilities</i>	Available at airport.
5	<i>Bank and Post Office</i>	Available at airport.
6	<i>Tourist Office</i>	Available at airport.
7	<i>Remarks</i>	Internet address : http://www.changiairport.com.sg for airport and flight information, shops and restaurants, facilities and services, flight connections and tourist information.

WSSS AD 2.6 RESCUE AND FIRE FIGHTING SERVICES

1	<i>AD category for fire fighting</i>	<u>RWY 02L/20R, RWY 02C/20C and RWY 02R/20L</u> CAT10 (No facilities for foaming of runways)
2	<i>Rescue equipment</i>	Adequately provided as recommended by ICAO.
3	<i>Capability for removal of disabled aircraft</i>	Specialised aircraft recovery equipment available for up to and including A380 size aircraft operation.
4	<i>Remarks</i>	All Airport Emergency Service personnel are trained in rescue and fire-fighting as well as medical first-aid.

WSSS AD 2.7 SEASONAL AVAILABILITY - CLEARING

There is no requirement for clearing. The aerodrome is available throughout the year.	
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WSSS AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	<i>Apron surface and strength</i>	<p>Aircraft stands C11, C16, C19, D30, D35, D38, E2, E6, E7, E10, F32, F36, F37, 301, 303, 304, 305, 307, 308, 309, 402, 403, 404, 605, 952, G1 to G17 and 471 to 487 – Concrete surface; strength PCR 680/R/B/W/U</p> <p>Aircraft stand 306 – Concrete surface; strength PCR 784/R/B/W/U</p> <p>All other aircraft stands – Concrete surface; strength PCR 1006/R/B/W/U</p>
2	<i>Taxiway width, surface and strength</i>	<p>Minimum width 23m for all taxiways</p> <p>TWY A1, A2, A11, A12, A (between A1 and A2, and between A11 and A12), B1, B2, B13, B14, B (between B1 and B2, and between B13 and B14), C1, C2, C13, C14, C (between C1 and C2) and L (between C13 and C14), D1, D2, D13, D14, D (between D1 and D2, and between D13 and D14), T1, T2, T4, T12, T13, T (between T11 and T13), U12, U13, U (between U12 and U13), W1, W9 – Concrete surface; strength PCR 1006/R/B/W/U</p> <p>TXL U2, TWY U7 (between TWY U and TXL U2), TWY U8 (between TWY U and TXL U2), TWY U9 (between TWY U and TXL U2), TXL S6, S8, S9, TWY S7 – Asphalt surface; strength PCR 530/F/B/X/U</p> <p>All other taxiways – Asphalt surface; strength PCR 710/F/B/X/U</p> <p><u>Note:</u> Open-air drains, demarcated by frangible poles, are installed within non-graded TWY strips at least 30m from the TWY centrelines. 0.5m-high lateral restraint at 30m east of TWY P8 and TXL N5 centreline before the open drain. 0.8m-high lateral restraints, located at 43m from the centreline of TWY G and TWY H, on the taxiway bridges.</p>
3	<i>Altimeter checkpoints location and elevation</i>	See AD-2-WSSS-ADC-2/ Chart (flip side) for coordinates and elevations of aircraft stands.
4	VOR checkpoint location	NIL
5	<i>INS checkpoints position</i>	See AD-2-WSSS-ADC-2/ Chart (flip side) for coordinates and elevations of aircraft stands.
6	<i>Remarks</i>	NIL

WSSS AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY	Strength (PCR) and surface of RWY and SWY	THR coordinates and RWY end coordinates (THR Geoid Undulation)	THR Elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
02L	023.02°	4000m X 60m	710/F/B/X/U Grooved Bituminous Concrete	THR coordinates: 012056.27N 1035838.82E RWY end coordinates: 012256.13N 1035929.42E (10.23m)	6.64m 6.64m
20R (Threshold displaced by 740m southwards)	203.02°	4000m X 60m	710/F/B/X/U Grooved Bituminous Concrete	THR coordinates: 012234.02N 1035920.09E RWY end coordinates: 012056.27N 1035838.82E (10.26m)	3.98m 4.67m
02C	023.01°	4000m X 60m	710/F/B/X/U Grooved Bituminous Concrete	THR coordinates: 011943.51N 1035905.86E RWY end coordinates: 012143.37N 1035956.46E (10.27m)	4.80m 4.80m
20C	203.01°	4000m X 60m	710/F/B/X/U Grooved Bituminous Concrete	THR coordinates: 012143.37N 1035956.46E RWY end coordinates: 011943.51N 1035905.86E (10.30m)	4.80m 4.80m
02R	023.01°	4000m X 60m	710/F/B/X/U Grooved Bituminous concrete	THR coordinates: 011920.59N 1035959.45E RWY end coordinates: 012120.45N 1040050.05E (10.32m)	4.77m 4.77m
20L	203.01°	4000m X 60m	710/F/B/X/U Grooved Bituminous concrete	THR coordinates: 012120.45N 1040050.05E RWY end coordinates: 011920.59N 1035959.45E (10.36m)	4.71m 4.75m

Slope of RWY-SWY Transverse / Longitudinal	SWY Dimensions (m)	CWY Dimensions (m)	STRIP dimensions (m)	Dimensions of RESA (m)	Locations and description of ARST system	OFZ
7	8	9	10	11	12	13
RWY 02L 1.15% / 0.07% SWY 1.44% / 0.23%	60 X 60	270 X 150	4240 X 280	240 X 150	Not Applicable	Yes
RWY 20R 1.15% / 0.07% SWY 0.74% / 0.28%	60 X 60	270 X 150	4240 X 280	240 X 150	Not Applicable	Yes
RWY 02C 1.25% / 0.00% SWY 1.25% / 0.00%	60 X 60	60 X 150	4240 X 280	240 X 150	Not Applicable	Yes
RWY 20C 1.25% / 0.00% SWY 1.25% / 0.00%	60 X 60	60 X 150	4240 X 280	240 X 150	Not Applicable	Yes
RWY 02R 1.25% / 0% SWY 1.21% / 0%	60 X 60	60 X 150	4240 X 280	240 X 150	Not Applicable	Yes

Slope of RWY-SWY Transverse / Longitudinal	SWY Dimensions (m)	CWY Dimensions (m)	STRIP dimensions (m)	Dimensions of RESA (m)	Locations and description of ARST system	OFZ
7	8	9	10	11	12	13
RWY 20L 1.25% / 0% SWY 1.22% / 0%	60 X 60	60 X 150	4240 X 280	240 X 150	Not Applicable	Yes

Remarks						
14						
1) Open-air drains, demarcated by frangible poles, within the runway strip of RWY 02R/20L.						
2) Not in use military hookwire system embedded in runway pavement at 490m from RWY 02R and RWY 20L thresholds.						
3) Frangible End Around Taxiway (EAT) visual screens located at the approach/take-off end of RWY 02C and RWY 20C do not penetrate the obstacle limitation surfaces of RWY 02C/20C. The EAT visual screens are marked in diagonal red-white stripes and installed with additional red obstacle lights. The EAT visual screens are intended to help pilots operating on RWY 02C/20C to differentiate between an aircraft crossing the runway or taxiing on end-around taxiways TWY K and TWY L.						
4) Scheduled Closure of RWY 02L/20R						
a. BTN 1700-2100UTC on every SUN and WED of the month (preventive maintenance work). In the event of emergency, RWY will be re-opened within 30 minutes.						
b. A 5-minute inspection conducted within the periods BTN 0100-0359UTC 0500-0759UTC 0800-1059UTC daily.						
5) Scheduled Closure of RWY 02C/20C						
a. BTN 1700-2100UTC on every MON of the month (preventive maintenance work). In the event of emergency, RWY will be re-opened within 30 minutes.						
b. A 5-minute inspection conducted within the periods BTN 0100-0359UTC 0500-0759UTC 0800-1059UTC daily.						
6) Scheduled Closure of RWY 02R/20L						
a. BTN 1700-2100UTC on every TUES and FRI of the month (preventive maintenance work). In the event of emergency, RWY will be re-opened within 30 minutes.						
b. A 5-minute inspection conducted within the periods BTN 0100-0359UTC 0500-0759UTC 0800-1059UTC daily.						
7) Additional Inspection and Maintenance Closures						
a. On days when there is a scheduled 4-hour runway closure BTN 1700-2100UTC						
i. 10-minute inspection conducted within the period BTN 1500-1610UTC on the other operational runway(s);						
ii. 15-minute inspection conducted within the period BTN 2300-2359UTC on the other operational runway(s);						
iii. 5-minute inspection conducted within period BTN 2300-2359UTC on the re-opened runway.						
b. On days when there is no scheduled 4-hour runway closure BTN 1700-2100UTC						
I. RWY 02L/20R:						
i. 5-minute inspection conducted BTN 2300-2305UTC						
ii. 30-minute maintenance will be conducted BTN 1830-1900UTC						
II. RWY 02C/20C:						
i. 5-minute inspection conducted BTN 2315-2320UTC						
ii. 60-minute maintenance will be conducted BTN 2000-2100UTC						
III. RWY 02R/20L:						
i. 5-minute inspection conducted BTN 2330-2335UTC						
ii. 30-minute maintenance will be conducted BTN 2100-2130UTC						

WSSS AD 2.18 ATS COMMUNICATION FACILITIES

Service Designation	Call sign	Frequency (P-Pri, S-Sec)	Hours of operation	Remarks
APP	Singapore Departure	P120.3 MHz S132.15 MHz	H24	DEP from all airports in Singapore.
	Singapore Arrival	P119.3 MHz S119.4 MHz S119.55 MHz		TAR - Intermediate and final approach to Singapore Changi AP.
	Singapore Approach	P124.05 MHz S124.6 MHz S126.3 MHz	2100-1700	TAR - flow control service provided for ARR/DEP ACFT. Intermediate approach to Singapore Changi AP and other airports in Singapore.
TWR	Singapore Tower	118.6 MHz	H24	for TKOF/LDG. for ACFT operating on RWY 02L/20R for vehicular movements on RWY 02L/20R
		118.25 MHz		for ACFT operating on RWY 02C/20C for vehicular movements on RWY 02C/20C for ground movement of ACFT (including ACFT on tow) north and south of RWY 02C/20C
		131.4 MHz		for ACFT operating on RWY 02R/20L for vehicular movements on RWY 02R/20L
	Singapore Ground	124.3 MHz	0000-1800 2100-0000	for push-back / taxiing of all ACFT, including ACFT on tow, west of Terminal 3
		121.725 MHz	0000-1700 2100-0000	for push-back / taxiing of all ACFT (including ACFT on tow) east of Terminal 2 and west of TWY B (excluding TWY J8, J9, J10 and J12)
		121.85 MHz	0000-1600	for push-back / taxiing of all ACFT including ACFT on tow, north of Terminal 1
			1600-0000	for push-back/ taxiing of all ACFT
		121.00 MHz	H24	for ground emergency
		122.55 MHz		for push-back / taxiing of all ACFT (including ACFT on tow) east of Terminal 4
		125.65 MHz		for push-back / taxiing of all ACFT (including ACFT on tow) west of Terminal 4
	127.275 MHz	for taxiing of all ACFT (including ACFT on tow) west of RWY 02R/20L		
	Singapore Delivery	121.65 MHz	H24	for Pre-flight check/ATC clearance
		119.6 MHz	0030-0230 1200-1300	for issuance of ATC clearance

Service Designation	Call sign	Frequency (P-Pri, S-Sec)	Hours of operation	Remarks
TWR	Changi Tower / Changi Apron	121.9 MHz	H24	<p>Requests for engine runs on aprons and taxiways, excluding runways, would be regulated by Changi Apron. All towing request to contact Changi Apron followed by instruction to contact respective Singapore Ground frequency for towing clearance.</p> <p>Request for vehicular movements on taxiways, excluding runways, would be regulated by Changi Tower.</p> <p>For ACFT on tow and vehicular movements on the runway when the runway is closed for maintenance.</p> <p>All personnel operating the radio station on board an ACFT that is on the ground in Changi Airport should possess the Aircraft Radio Operator Approval (AROA) or other equivalent certification.</p>
	Changi East Tower	119.675 MHz	H24	<p>Request for vehicular movements on taxiways, excluding runway, west of RWY 02R/20L and east of TWY C will be regulated by Changi East Tower.</p> <p>For ACFT on tow and vehicular movements on RWY 02R/20L when the runway is closed for maintenance.</p> <p>All personnel operating the radio station on board an ACFT that is on the ground in Changi Airport should possess the Aircraft Radio Operator Approval (AROA) or other equivalent certification.</p>
	Changi East Ground	120.95 MHz	Not for use, unless with prior coordination	For start-up / taxiing of all aircraft
D-ATIS	Changi Airport Departure Information	128.6 MHz	H24	<p>(broadcasting with half hourly updated MET INFO)</p> <p>Data Link Service available.</p>
	Changi Airport Arrival Information	128.025 MHz	H24	<p>AP IDENT WSSS</p> <p>Messages comply with ARINC 623 Standards.</p> <p>Updating of data: H+00 to H+10 and H+30 to H+40</p>
ATIS	Changi East Information (02R/ 20L)	139.95 MHz	Not for use, unless with prior coordination	NIL

AERODROME CHART - ICAO

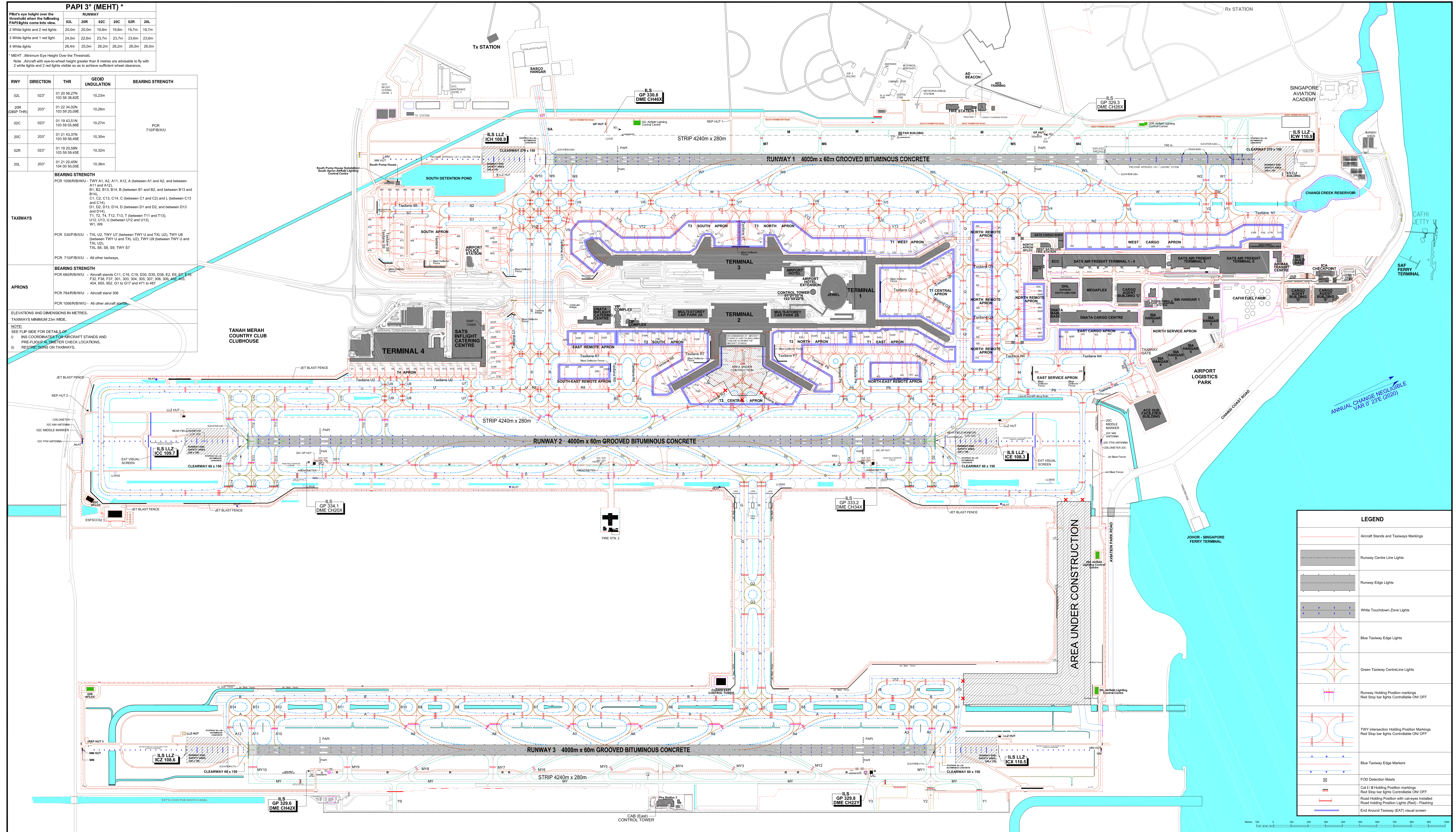
01 21' 33"N
103' 59' 22"E

AERODROME ELEVATION 6.66m

TWR 118.6 / 118.25 / 131.4
GND 124.3 / 121.85 / 121.725 / 127.275
DELIVERY 121.65 / 119.6

RAMP TWR 122.55 (GMC 4 EAST)
GND 125.65 (GMC 4 WEST)

SINGAPORE/SINGAPORE CHANGI



PAPI 3° (MEHT) *

Runway	02L	02R	02C	02B	02L
2 White lights and 2 red lights	20.0m	20.0m	19.8m	19.7m	19.7m
3 White lights and 1 red light	24.0m	22.6m	23.7m	23.6m	23.6m
4 White lights	26.4m	25.0m	26.2m	26.0m	26.0m

*MEHT - Minimum Eye Height Over the Threshold.
Note - Aircraft with eye-to-wheel height greater than 6 metres are advisable to fly with 2 white lights and 2 red lights visible so as to achieve sufficient wheel clearance.

RWY	DIRECTION	THR	GEOD UNDULATION	BEARING STRENGTH
02L	023°	01 20 56.27N 103 59 36.82E	10.23m	
02R	203°	01 22 34.62N 103 59 20.06E	10.26m	
02C	023°	01 19 43.51N 103 59 05.86E	10.27m	PCR 710°/8XU
02B	203°	01 21 43.37N 103 59 26.46E	10.30m	
02R	023°	01 19 20.59N 103 59 56.45E	10.32m	
02L	203°	01 21 25.45N 104 00 00.00E	10.36m	

BEARING STRENGTH
PCR 1006°/8WU - TWY A1, A2, A11, A12, A (between A1 and A2, and between A11 and A12), B1, B2, B13, B14, B (between B1 and B2, and between B13 and B14), C1, C2, C13, C14, C (between C1 and C2) and L (between C13 and C14), D1, D2, D13, D14, D (between D1 and D2, and between D13 and D14), T1, T2, T4, T12, T13, T (between T1 and T13), U2, U13, U (between U2 and U13), W1, W9

PCR 530°/8XU - TXL U2, TWY U7 (between TWY U and TXL U2), TWY U8 (between TWY U and TXL U2), TWY U9 (between TWY U and TXL U2), TXL 56, 58, 59, TWY 57

PCR 710°/8XU - All other taxiways.

BEARING STRENGTH
PCR 680°/8WU - Aircraft stands C11, C16, C19, D30, D35, D38, E2, E3, E7, E16, F32, F36, F37, 301, 303, 304, 305, 307, 308, 309, and 401, 404, 605, 952, G1 to G17 and 471 to 487

PCR 784°/8WU - Aircraft stand 306

PCR 1006°/8WU - All other aircraft stands.

ELEVATIONS AND DIMENSIONS IN METRES.
TAXIWAYS MINIMUM 23m WIDE.

NOTE:
1) SEE FLIP SIDE FOR DETAILS OF
2) THE COORDINATES FOR AIRCRAFT STANDS AND
3) RESTRICTIONS ON TAXIWAYS.

LEGEND

- Aircraft Stands and Taxiway Markings
- Runway Centre Line Lights
- Runway Edge Lights
- White Touchdown Zone Lights
- Blue Taxiway Edge Lights
- Green Taxiway Centre Line Lights
- Runway Holding Position markings
Red Stop bar lights Controllable ON/OFF
- TWY Intersection Holding Position Markings
Red Stop bar lights Controllable ON/OFF
- Blue Taxiway Edge Markers
- FOD Detection Mats
Cat I/II Holding Position markings
Red Stop bar lights Controllable ON/OFF
Road Holding Position with cat-eyes installed
Road Holding Position Lights (Red) - Flashing
End Around Taxiway (EAT) visual screen

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	4.68m (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	5.48m (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 30.63	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	5.13m (16.83ft)	
B9		01 21 42.19	103 59 16.16	5.13m (16.83ft)	
B10		01 21 44.47	103 59 17.12	5.15m (16.90ft)	
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	5.09m (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	4.89m (16.04ft)	
	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	5.09m (16.70ft)
C13		01 21 49.63	103 59 24.75	5.03m (16.50ft)	
C15		01 21 51.89	103 59 25.70	5.08m (16.60ft)	
C16		01 21 53.47	103 59 26.62	4.88m (15.98ft)	
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	5.08m (16.67ft)	
D32		01 21 46.75	103 59 31.06	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	5.08m (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)	
	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	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)
	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)
T2 SOUTH APRON	F37	01 20 59.83	103 59 27.87	4.75m (15.58ft)
	F40	01 21 05.82	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 09.51	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)
EAST REMOTE APRON	F56L	01 21 03.27	103 59 18.18	5.42m (17.78ft)
	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 59.03	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	6.28m (20.64ft)
	200R	01 20 48.35	103 59 11.89	6.18m (20.28ft)
NORTH REMOTE APRON	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)
	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 48.21	103 59 19.01	4.74m (15.55ft)
	208	01 20 50.68	103 59 20.05	4.75m (15.58ft)
	208L	01 20 50.01	103 59 19.76	4.74m (15.55ft)
SOUTH-EAST REMOTE APRON	208R	01 20 51.25	103 59 20.29	4.73m (15.42ft)
	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)
NORTH-EAST REMOTE APRON	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)
	318	01 22 09.35	103 59 45.23	5.15m (16.90ft)
	951L	01 22 08.91	103 59 44.27	5.00m (16.40ft)
	951R	01 22 08.35	103 59 45.58	5.00m (16.40ft)
	952	01 22 09.94	103 59 42.65	4.89m (16.04ft)
	953	01 22 11.22	103 59 40.85	4.98m (16.34ft)
	953L	01 22 10.78	103 59 39.89	4.83m (15.85ft)
	953R	01 22 10.41	103 59 41.28	4.87m (15.98ft)
	954	01 22 12.46	103 59 37.95	4.94m (16.21ft)
T2 NORTH APRON	954L	01 22 12.02	103 59 38.99	4.70m (15.42ft)
	954R	01 22 11.65	103 59 38.38	4.74m (15.55ft)
	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)

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

LOCATION	STAND NR	NORTH LAT	EAST LONG	ELEVATION
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 43.64	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 43.89	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)
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 49.87	4.27m (14.01ft)
	602	01 22 18.06	103 59 50.23	4.30m (14.11ft)
	603	01 22 19.15	103 59 51.02	4.28m (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)
	606	01 22 10.00	103 59 52.53	2.43m (7.97ft)
	609			

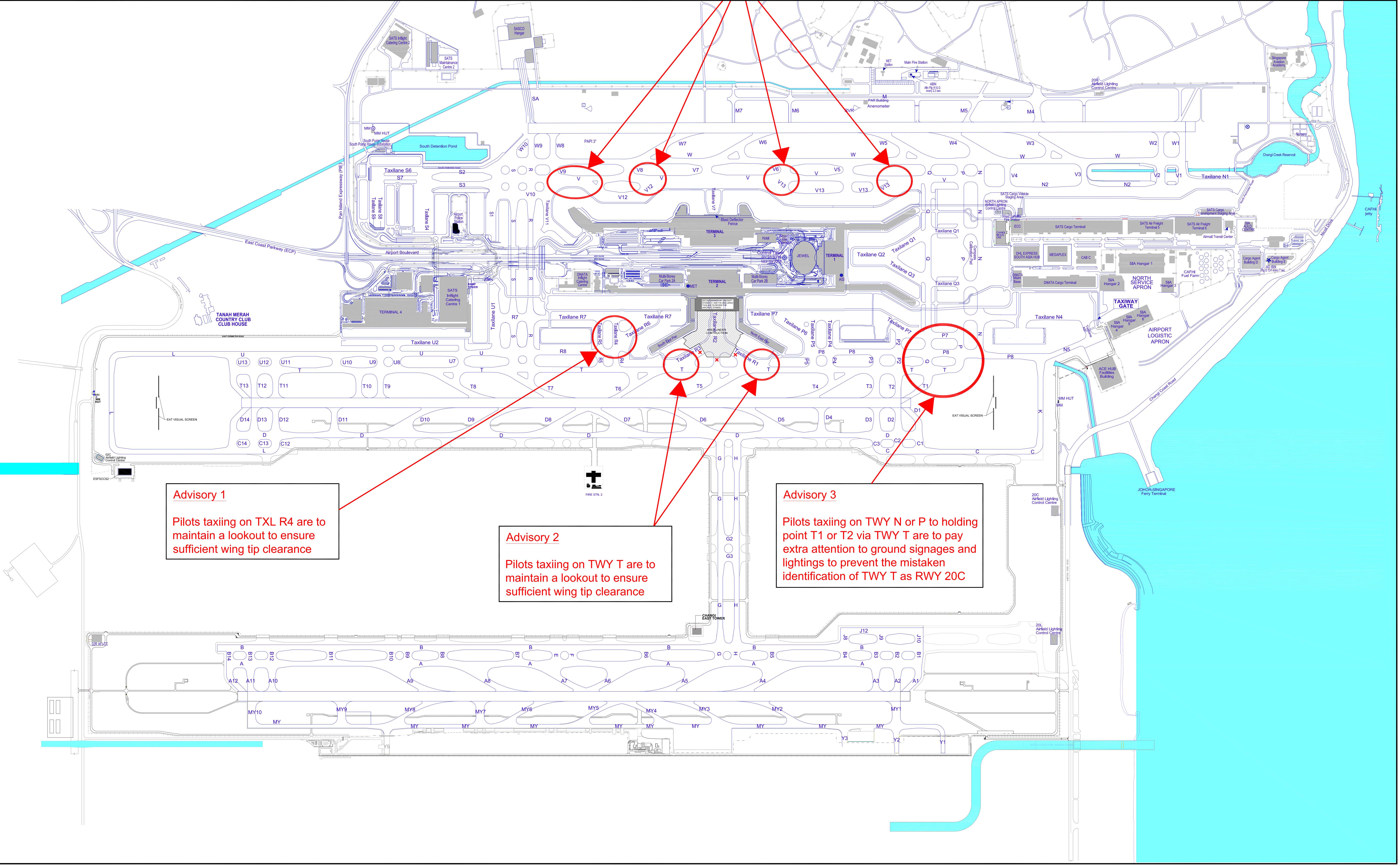
AERODROME ADVISORY CHART

Advisory 4
Pilots taxiing on TWY V are to maintain a lookout to ensure sufficient wing tip clearance

Advisory 1
Pilots taxiing on TXL R4 are to maintain a lookout to ensure sufficient wing tip clearance

Advisory 2
Pilots taxiing on TWY T are to maintain a lookout to ensure sufficient wing tip clearance

Advisory 3
Pilots taxiing on TWY N or P to holding point T1 or T2 via TWY T are to pay extra attention to ground signages and lightings to prevent the mistaken identification of TWY T as RWY 20C



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
STANDARD DEPARTURE CHART
RNAV (GNSS) -
INSTRUMENT (SID)

TWR 118.6 / 118.25 APP 120.3 124.05 ACC 134.4	TRANSITION ALTITUDE 11 000ft
	D-ATIS AP ID-WSSS 128.6

SINGAPORE/Singapore Changi
RWY 02C
ANITO DEPARTURES
ANITO 7A

ELEV, ALT IN FEET
BEARINGS, TRACKS AND
RADIALS ARE MAGNETIC
VAR 0°23'E (2020)

DISTANCES IN NM

TEKONG
DVOR/DME 116.5
VTK 
01° 24' 55" N
104° 01' 20" E
60M

DER (RWY 02C)
01° 21' 45" N
103° 58' 57" E

MOXIB
01° 29' 33" N
104° 03' 15" E

EMRIX
01° 26' 06" N
104° 10' 40" E

HOSBA
01° 19' 48" N
104° 24' 18" E

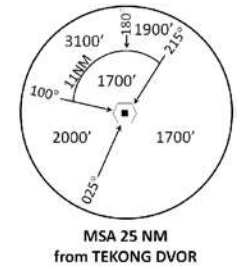
VANBU
01° 06' 43" N
104° 27' 40" E

VIRET
00° 39' 40" N
104° 35' 11" E

GURES
00° 28' 14" N
104° 38' 35" E

IKIRO
00° 08' 49" N
104° 44' 20" E

ANITO
00° 17' 00" S
104° 52' 00" E



GENERAL INFORMATION

INITIAL CLIMB
3000FT

CAUTION: RWY 02R/20L NOT AVAILABLE FOR CIVIL USE UNTIL FURTHER ADVISED

- NOTE:** RADAR REQUIRED
- NOTE:** RNAV-1 NAVIGATION SPECIFICATION GNSS REQUIRED
- NOTE:** CLOSE-IN OBSTACLES (AIRCRAFT UP TO 80FT) EXIST ON TAXIWAYS WEST OF RUNWAY 02C
- NOTE:** ACFT UNABLE TO FLY THE SID PROFILE SHALL INFORM ATC PRIOR TO DEPARTURE AND EXPECT RADAR VECTORED IF NECESSARY
- NOTE:** WHEN TAKEN OFF THE SID, AS INSTRUCTED BY ATC, REFER TO ENR 1.5, SECTION 3, PARAGRAPH 3.3 [A] - FOR RWY 02C MINIMUM CLIMB GRADIENT
- NOTE:** REFER TO BACK PAGE FOR - FORMAL AND TABULAR DESCRIPTIONS - RADIO COM FAILURE PROCEDURES

PROCEDURE INFORMATION

SID SHALL NOT EXCEED IAS 230KTS UNTIL PASSING 4000FT AMSL AND NOT EXCEED IAS 250KTS UNTIL PASSING 10000FT AMSL.
CRUISING LEVELS WILL BE ISSUED AFTER TAKE-OFF BY SINGAPORE RADAR.
SID SHALL BE ON A MINIMUM CLIMB GRADIENT OF 5% UNTIL REACHING OR PASSING 2500FT, THEREAFTER 3.3%.

GND SPEED - KNOTS	75	100	150	200	250	300
5% V/V (fpm)	380	506	760	1013	1266	1519
3.3% V/V (fpm)	251	334	501	668	835	1003

NOT TO SCALE

ANITO 7A (SID) RNAV GNSS RWY 02C - DESCRIPTIONS

Formal & Abbreviated Descriptions

Formal Description	Abbreviated Description	Path Terminator	Fly-Over required
To MOXIB on course 023° at or above 2000ft, turn right.	MOXIB [M023; A020+; R] -	CF	N
To EMRIX at or above 4000ft.	EMRIX [A040+] -	TF	N
To HOSBA at or above 7000ft, turn right.	HOSBA [A070+; R] -	TF	N
To VANBU at or below 9000ft, turn left.	VANBU [A090-; L] -	TF	N
To VIRET at or above FL160, turn left.	VIRET [FL160+; L] -	TF	N
To GURES.	GURES -	TF	N
To IKIRO.	IKIRO -	TF	N
To ANITO.	ANITO	TF	N

Tabular Descriptions

Path Term	Waypoint Name	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude	Speed Limit	Navigation Spec
CF	MOXIB	-	023(023.4)	8.0	R	A020+	-	RNAV1
TF	EMRIX	-	114(114.4)	8.0	-	A040+	-	RNAV1
TF	HOSBA	-	114(114.4)	15.0	R	A070+	-	RNAV1
TF	VANBU	-	165(165.4)	13.0	L	A090-	-	RNAV1
TF	VIRET	-	164(164.4)	28.0	L	FL160+	-	RNAV1
TF	GURES	-	163(163.4)	12.0	-	-	-	RNAV1
TF	IKIRO	-	163(163.4)	20.0	-	-	-	RNAV1
TF	ANITO	-	163(163.4)	27.0	-	-	-	RNAV1

Radio Communications Failure Procedure

1	SET TRANSPONDER TO MODE A/C CODE 7600
2	COMMUNICATIONS FAILURE OCCURS IMMEDIATELY AFTER DEPARTURE: PROCEED DIRECT TO NYLON HOLDING AREA (NHA) CLIMBING TO THE LAST ASSIGNED ALTITUDE, THEREAFTER REFER TO SINGAPORE AIP ON RADIO COMMUNICATIONS FAILURE PROCEDURE.

STANDARD DEPARTURE CHART
RNAV (GNSS) -
INSTRUMENT (SID)

TWR 118.6 / 118.25
APP 120.3
124.05
ACC 133.25

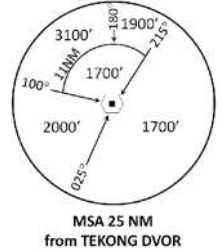
TRANSITION ALTITUDE
11 000ft

D-ATIS AP ID-WSSS
128.6

SINGAPORE/Singapore Changi
RWY 02L
MASBO DEPARTURES
MASBO 3E

ELEV, ALT IN FEET
BEARINGS, TRACKS AND
RADIALS ARE MAGNETIC
VAR 0°23'E (2022)

DISTANCES IN NM



MASBO
02° 02' 48" N
102° 52' 51" E

296°
27

SABKA
01° 50' 51" N
103° 17' 13" E

278°
25

AGVAR
01° 47' 19" N
103° 41' 45" E
A110

278°
13

AKOMA
01° 45' 22" N
103° 54' 43" E
A070

323°
14

ATRUM
01° 32' 56" N
104° 00' 57" E

323°
13

MOLVO
01° 29' 55" N
104° 02' 27" E
A020

023°
8

TEKONG
DVOR/DME 116.5
VTK
01° 24' 55" N
104° 01' 20" E
60M

DER (RWY 02L)
01° 23' 05" N
103° 59' 33" E

GENERAL INFORMATION

INITIAL CLIMB
3000FT

CAUTION: RWY 02R/20L NOT AVAILABLE FOR CIVIL USE UNTIL FURTHER ADVISED

NOTE: RADAR REQUIRED

NOTE: RNAV-1 NAVIGATION SPECIFICATION GNSS REQUIRED

NOTE: ACFT UNABLE TO FLY THE SID PROFILE SHALL INFORM ATC PRIOR TO DEPARTURE AND EXPECT RADAR VECTORIZING IF NECESSARY

NOTE: WHEN TAKEN OFF THE SID, AS INSTRUCTED BY ATC, REFER TO ENR 1.5, SECTION 3, PARAGRAPH 3.2 [A] - FOR RWY 02L MINIMUM CLIMB GRADIENT

NOTE: REFER TO BACK PAGE FOR
- FORMAL AND TABULAR DESCRIPTIONS
- RADIO COM FAILURE PROCEDURES

PROCEDURE INFORMATION

SID SHALL NOT EXCEED IAS 230KTS UNTIL PASSING 4000FT AMSL AND NOT EXCEED IAS 250KTS UNTIL PASSING 10000FT AMSL.

CRUISING LEVELS WILL BE ISSUED AFTER TAKE-OFF BY SINGAPORE RADAR.

SID SHALL BE ON A MINIMUM CLIMB GRADIENT OF 5% UNTIL REACHING OR PASSING 2500FT, THEREAFTER 3.3%.

GND SPEED - KNOTS	75	100	150	200	250	300
5% V/V (fpm)	380	506	760	1013	1266	1519
3.3% V/V (fpm)	251	334	501	668	835	1003

NOT TO SCALE

MASBO 3E (SID) RNAV GNSS RWY 02L - DESCRIPTIONS

Formal & Abbreviated Descriptions

Formal Description	Abbreviated Description	Path Terminator	Fly-Over required
To MOLVO on course 023° at or above 2000ft, turn left.	MOLVO [M023; A020+; L] -	CF	N
To ATRUM.	ATRUM -	TF	N
To AKOMA at or above 7000ft, turn left.	AKOMA [A070+; L] -	TF	N
To AGVAR at or above 11000ft.	AGVAR [A110+] -	TF	N
To SABKA, turn right.	SABKA [R] -	TF	N
To MASBO.	MASBO	TF	N

Tabular Descriptions

Path Term	Waypoint Name	Fly-Over	Course °M(°T)	Distance (NM)	Turn Direction	Altitude	Speed Limit	Navigation Spec
CF	MOLVO	-	023(023.4)	8.0	L	A020+	-	RNAV1
TF	ATRUM	-	333(333.4)	3.0	-	-	-	RNAV1
TF	AKOMA	-	333(333.4)	14.0	L	A070+	-	RNAV1
TF	AGVAR	-	278(278.4)	13.0	-	A110+	-	RNAV1
TF	SABKA	-	278(278.4)	25.0	R	-	-	RNAV1
TF	MASBO	-	296(296.4)	27.0	-	-	-	RNAV1

Radio Communications Failure Procedure

1	SET TRANSPONDER TO MODE A/C CODE 7600
2	<p>COMMUNICATIONS FAILURE OCCURS IMMEDIATELY AFTER DEPARTURE:</p> <p>PROCEED DIRECT TO NYLON HOLDING AREA (NHA) CLIMBING TO THE LAST ASSIGNED ALTITUDE, THEREAFTER REFER TO SINGAPORE AIP ON RADIO COMMUNICATIONS FAILURE PROCEDURE.</p>

WSSL AD 2.8 APRONS, TAXIWAYS AND CHECK LOCATIONS/POSITIONS DATA

1	<i>Apron surface and strength</i>	Surface: Concrete (all other aircraft stands) Strength: PCR 432/R/C/W/U
2	<i>Taxiway width, surface and strength</i>	Width: 23 M (75.5ft), 18 M (59.1ft) TWY EC4, EC5 AND EC6 8 M (26.2ft) TWY WS1 and WS2 Surface: Bituminous concrete Strength: PCR 423/F/C/X/U
3	<i>Remarks : NIL</i>	

WSSL AD 2.9 SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS

SURFACE MOVEMENT GUIDANCE AND CONTROL SYSTEM AND MARKINGS		
1	<i>Use of aircraft stand ID signs, TWY guidelines and visual docking/parking guidance system of aircraft stands</i>	Taxiing guidance signs at all intersections with TWY and RWY at all holding positions. Guidelines at apron. Nose-in guidance at aircraft stands.
2	<i>RWY and TWY markings and LGT</i>	<p><u>RWY LGT:</u> refer to page WSSL AD 2-5 for details. RWY Turn Pad LGT / Markings: Only AVBL at THR RWY 03. Yellow turnpad centreline.</p> <p><u>TWY LGT:</u> TWY Edge LGT: Blue LGT, inset, elevated and omni-directional. TWY Centreline LGT: Green LGT, fixed. Intermediate Holding Position LGT: Yellow LGT, fixed, unidirectional. TWY markings: Yellow TWY centreline.</p> <p>The fixed green taxiway centreline lights and fixed unidirectional yellow intermediate holding position lights shall be switched on between sunset and sunrise or during periods of poor visibility. ATC will continue to verbalise the taxi route as per current practice. Pilots shall continue to adhere strictly to the taxi clearances issued by ATC at all times.</p> <p>In the event that the fixed green taxiway centreline lights and fixed unidirectional yellow intermediate holding position lights become unserviceable, pilots shall taxi following the single continuous yellow taxiway centreline markings and intermediate holding position markings (single broken line laid across the entire width of the taxiway) as per mode of operations during VMC daylight hours.</p> <p><u>MARKING AIDS:</u> Threshold, touchdown zone, centreline stripes and RWY designation. RWY width outline from bituminous concrete surface by white lines.</p> <p><u>AIMING POINT MARKINGS:</u> RWY 03: coincident with PAPI origin located 423.542m from THR respectively. RWY 21: coincident with PAPI origin located 271.279m from THR respectively.</p>
3	<i>Stop Bars</i>	<p>Stop Bars: Red LGT across taxiways W1, W2, W3, E1, E2, E3 and E4, flushed with TWY surface and are supplemented with elevated RWY guard LGT at the sides.</p> <p>By default, red stop bar lights remain on unless deselected by the runway controller. When deselected, these stop bar lights will re-activate automatically after 45 seconds. Pilots shall not cross any lighted red stop bar lights.</p> <p>Pilots and drivers shall enter / cross the runway only when both the following conditions are met: The crew have</p> <ol style="list-style-type: none"> a) received positive ATC clearance to enter / cross the runway or taxiway, and b) observed that the red stop bar lights are turned off. <p>Crash Alarm Stop Bars: Red LGT across junctions of EP, EC4 and EH2 TWY, flushed with TWY surface.</p> <p>(Note to pilots and tow-crew: Slow down when taxiing / towing on TWY EP between TWY EC4 and abeam the Control Tower. Keep a lookout for emergency vehicles that may cross the taxiway to respond to emergency on the RWY.)</p>

WSSL AD 2.12 RUNWAY PHYSICAL CHARACTERISTICS

Designations RWY NR	TRUE BRG	Dimensions of RWY (m)	Strength (PCR) and Surface of RWY and SWY	THR coordinates and RWY end coordinates (THR GEOD Undulation)	THR Elevation and highest elevation of TDZ of precision APCH RWY
1	2	3	4	5	6
03	033.33°	1836 x 46	423/F/C/X/U Grooved Bituminous Concrete	012430.85N 1035143.79E (9.78M)	14 M 13 M
21	213.33°	1836 x 46	423/F/C/X/U Grooved Bituminous Concrete	012520.79N 1035216.43E (9.78M)	5M 10 M

Slope of RWY – SWY Transverse / Longitudinal	SWY Dimensions (m)	CWY Dimensions (m)	STRIP Dimensions (m)	Dimensions of RESA (m)	Locations and description of ARST system
7	8	9	10	11	12
RWY 03 1.21 / 0.49% SWY: Not Applicable	Not Applicable	60 X 150	1956 X 150	RWY 03-240 X 92	Not Applicable
RWY 21 1.21 / 0.49% SWY: Not Applicable	Not Applicable			RWY 21-240 X 150	Not Applicable

OFZ	Remarks
13	14
Not Applicable	<p>i) Scheduled closure period for RWY 03/21</p> <p>a. BTN 1600-2300 on first and third FRI of every month or the following FRI if the first or third FRI is a public holiday. RWY CLSD to all TFC except medevac and EMERG flights. Advance notice of 30 minutes is required for EMERG reopening of RWY.</p> <p>b. BTN 0500-0630, 1030-1200, 1600-1730 and 2300-0030 daily for 15-minute RWY inspection. Aircraft to expect delay.</p> <p>ii) A lighted RWY turn pad with centreline marking is provided at the threshold of RWY 03 which is able to serve aircraft up to B757-200.</p> <p>iii) Orange frangible posts are positioned along the boundary 90m on either sides of the RWY centreline demarcating the boundary for grass cutting and other maintenance works.</p> <p>iv) Wind Direction Indicators (WDIs) are located at both northern and southern ends of the RWY.</p>

WSSL AD 2.13 DECLARED DISTANCES

RWY Designator	TORA (m)	TODA (m)	ASDA (m)	LDA (m)	Remarks
1	2	3	4	5	6
03	1836	1896	1836	1836	NIL
21	1836	1896	1836	1836	NIL

WSSL AD 2.14 APPROACH AND RUNWAY LIGHTING

RWY Designator	APCH LGT type LEN INTST	THR LGT Colour WBAR	VASIS (MEHT) PAPI	TDZ LGT LEN	RWY CL LGT,LEN, spacing, colour, INTST	RWY edge LGT LEN, spacing colour, INTST	RWY End LGT Colour WBAR	SWY LGT LEN Colour
1	2	3	4	5	6	7	8	9
03	Simple APCH LGT: 4 rows of barettes of 3 LGT each and 1 crossbar of 13 LGT. White, elevated, uni-directional APCH LGT and white, omni-directional CGL on top of elevated APCH LGT. Simple TDZ LGT: 2 pairs white, inset, uni-directional LGT.	Green with THR IDENT LGT	PAPI 3.2° (both sides of RWY) 2 white 2 red LGT (21.24m) 3 white 1 red LGT (22.27m) 4 white LGT (24.75m). ACFT with eye-to-wheel HGT greater than 6.3m are ADZ to fly with 2 white 2 red LGT visible so as to achieve sufficient wheel CLR.	NIL	NIL	White with yellow on last 600m of either end. Elevated, bi-directional and brilliancy controlled.	Red	NIL
21	APCH LGT: 1 row of inset APCH LGT of 4 LGT and 4 rows of barettes of 4 LGT each. White inset uni-directional APCH LGT and white omni-directional CGL on top of white, elevated uni-directional APCH LGT. Simple TDZ LGT: 2 pairs white, inset, uni-directional LGT.	Green with THR IDENT LGT	PAPI 3.5° (both sides of RWY) 2 white 2 red LGT (17.720m) 3 white 1 red LGT (19.286m) 4 white LGT (20.871m). ACFT with eye-to-wheel HGT greater than 6.3m are ADZ to fly with 2 white 2 red LGT visible so as to achieve sufficient wheel CLR.	NIL	NIL	White with yellow on last 600m of either end. Elevated, bi-directional and brilliancy controlled.	Red	NIL
RWY 21 THR and RWY END LGT symmetrically disposed in 2 groups with a gap between the groups. RWY 21 THR and RWY END LGT reinstated to inset fitting.								

WSSL AD 2.15 OTHER LIGHTING, SECONDARY POWER SUPPLY

1	<i>ABN/IBN location, characteristics and hours of operation</i>	ABN: 012448.00N 1035207.96E (on top of Control Tower) ALTN FLG W G EV 2.5 SEC. HN and IMC IBN: 012509.94N 1035152.14E (on top of West Substation) FLG G 'SL' EV 7 SEC. HN and IMC
2	<i>LD and LGTI location Ultrasonic wind sensor location and LGT</i>	Ultrasonic wind sensors and windsocks at ends of RWY.
3	<i>TWY edge and centreline lighting</i>	TWY Edge LGT: Blue, elevated and omni-directional. TWY Centreline LGT: Green, fixed. Intermediate holding position LGT: Yellow, fixed, unidirectional.
4	<i>Secondary power supply/switch-over time</i>	Automatic standby generator power supply available for airfield lighting.
5	<i>Remarks</i>	Vehicles painted yellow or displaying checkered red/white or orange/white flag at highest point of vehicle. WDI lighted.

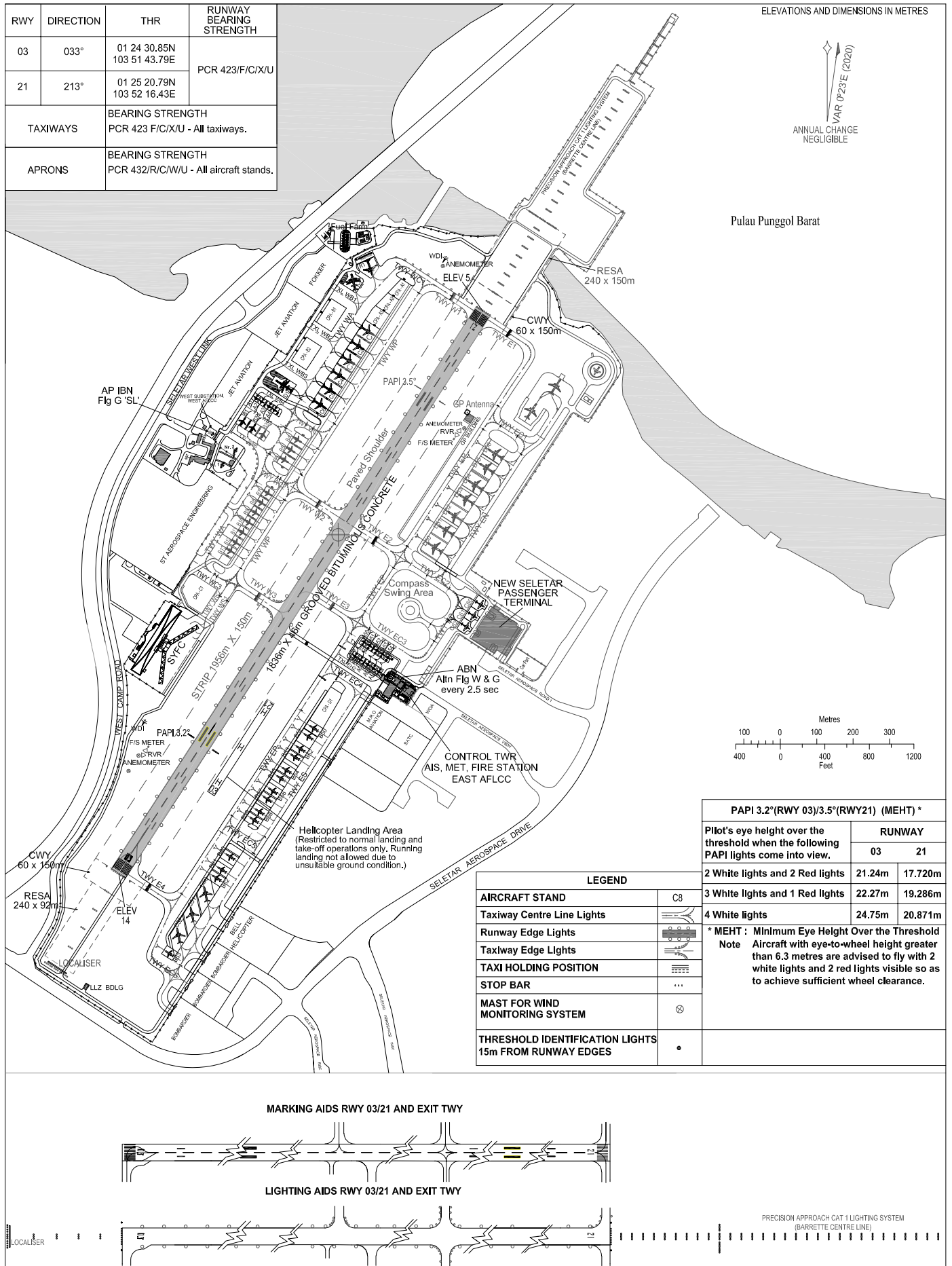
AERODROME CHART - ICAO

01° 25' 01.04"N
103° 52' 03.52"E

ELEV 14m

TWR 118.45
121.6

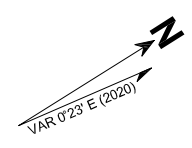
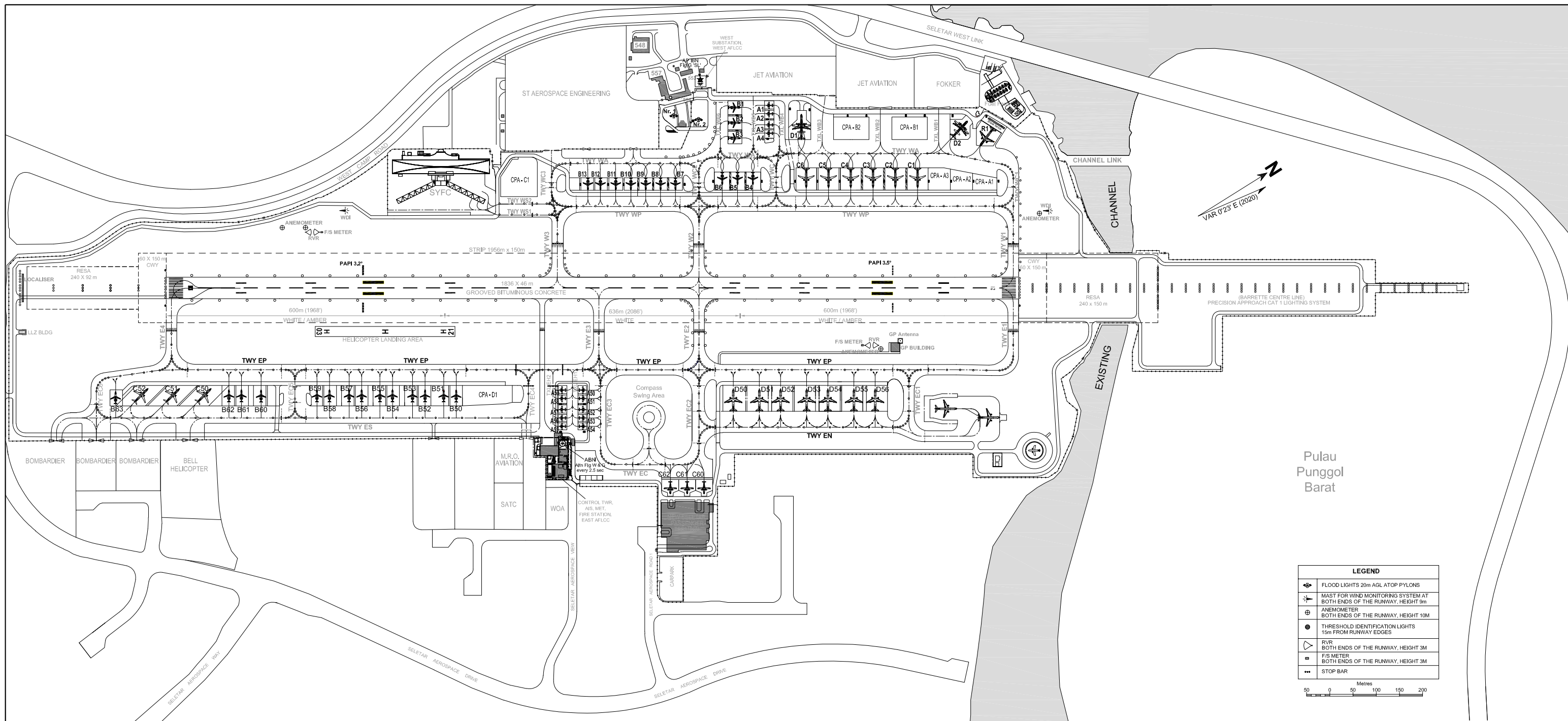
SINGAPORE/SELETAR



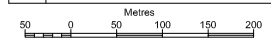
INS COORDINATES FOR AIRCRAFT STANDS

STAND NR	NORTH LATITUDE	EAST LONGITUDE	ELEVATION
A1	01 25 13.10	103 51 56.17	6.18m (20.28ft)
A2	01 25 12.78	103 51 56.65	6.34m (20.80ft)
A3	01 25 12.35	103 51 57.30	6.59m (21.61ft)
A4	01 25 12.03	103 51 57.79	6.76m (22.18ft)
A50	01 24 51.43	103 52 05.77	7.81m (25.62ft)
A51	01 24 51.11	103 52 06.25	7.95m (26.08ft)
A52	01 24 50.68	103 52 06.90	8.11m (26.59ft)
A53	01 24 50.36	103 52 07.39	8.21m (26.94ft)
A54	01 24 50.04	103 52 07.87	8.34m (27.35ft)
A55	01 24 48.59	103 52 06.93	8.75m (28.71ft)
A56	01 24 48.91	103 52 06.44	8.59m (28.17ft)
A57	01 24 49.24	103 52 05.96	8.40m (27.57ft)
A58	01 24 49.67	103 52 05.31	8.18m (26.84ft)
A59	01 24 49.99	103 52 04.82	8.01m (26.29ft)
B1	01 25 11.40	103 51 55.23	6.30m (20.67ft)
B2	01 25 10.82	103 51 56.12	6.64m (21.78ft)
B3	01 25 10.22	103 51 57.01	6.97m (22.86ft)
B4	01 25 09.18	103 52 00.36	7.70m (25.27ft)
B5	01 25 08.26	103 51 59.76	7.93m (26.03ft)
B6	01 25 07.35	103 51 59.16	8.16m (26.78ft)
B7	01 25 04.51	103 51 57.52	8.44m (27.70ft)
B8	01 25 03.64	103 51 56.95	8.41m (27.58ft)
B9	01 25 02.77	103 51 56.38	8.40m (27.55ft)
B10	01 25 01.89	103 51 55.81	8.38m (27.51ft)
B11	01 25 01.01	103 51 55.24	8.33m (27.33ft)
B12	01 25 00.11	103 51 54.65	8.45m (27.72ft)
B13	01 24 59.37	103 51 54.17	8.57m (28.12ft)
B50	01 24 43.89	103 52 00.88	8.75m (28.72ft)
B51	01 24 43.15	103 52 00.39	8.85m (29.03ft)
B52	01 24 42.06	103 51 59.68	8.99m (29.49ft)
B53	01 24 41.33	103 51 59.20	9.18m (30.13ft)
B54	01 24 40.15	103 51 58.44	9.36m (30.70ft)
B55	01 24 39.42	103 51 57.95	9.43m (30.95ft)
B56	01 24 38.35	103 51 57.25	9.59m (31.47ft)
B57	01 24 37.61	103 51 56.77	9.68m (31.76ft)
B58	01 24 36.46	103 51 56.02	9.81m (32.17ft)
B59	01 24 35.73	103 51 55.54	9.93m (32.58ft)
B60	01 24 32.42	103 51 53.38	10.09m (33.12ft)
B61	01 24 31.27	103 51 52.62	10.18m (33.39ft)
B62	01 24 30.53	103 51 52.14	10.25m (33.62ft)
B63	01 24 23.86	103 51 47.94	10.64m (34.91ft)
C1	01 25 18.80	103 52 06.63	5.11m (16.75ft)
C2	01 25 17.50	103 52 05.77	5.42m (17.79ft)
C3	01 25 16.19	103 52 04.92	5.76m (18.90ft)
C4	01 25 14.89	103 52 04.07	6.26m (20.53ft)
C5	01 25 13.58	103 52 03.21	6.82m (22.39ft)
C6	01 25 12.28	103 52 02.36	7.30m (23.96ft)
C50	01 24 29.48	103 51 51.40	10.38m (34.06ft)
C51	01 24 27.63	103 51 50.19	10.59m (34.74ft)
C52	01 24 25.78	103 51 48.98	10.77m (35.34ft)
C60	01 24 54.47	103 52 16.30	6.28m (20.60ft)
C61	01 24 53.48	103 52 15.65	6.30m (20.67ft)
C62	01 24 52.50	103 52 15.01	6.31m (20.71ft)
D1	01 25 14.66	103 51 58.15	6.41m (21.03ft)
D2	01 25 24.03	103 52 04.80	3.47m (11.39ft)
D50	01 25 00.06	103 52 11.56	6.68m (21.92ft)
D51	01 25 01.59	103 52 12.56	6.44m (21.13ft)
D52	01 25 02.83	103 52 13.37	6.28m (20.60ft)
D53	01 25 04.36	103 52 14.37	6.04m (19.82ft)
D54	01 25 05.60	103 52 15.18	5.82m (19.09ft)
D55	01 25 07.13	103 52 16.18	5.55m (18.21ft)
D56	01 25 08.37	103 52 17.00	5.32m (17.45ft)

SELETAR AERODROME LAYOUT OF SIGNIFICANT AERODROME BUILDINGS AND APRON FACILITIES

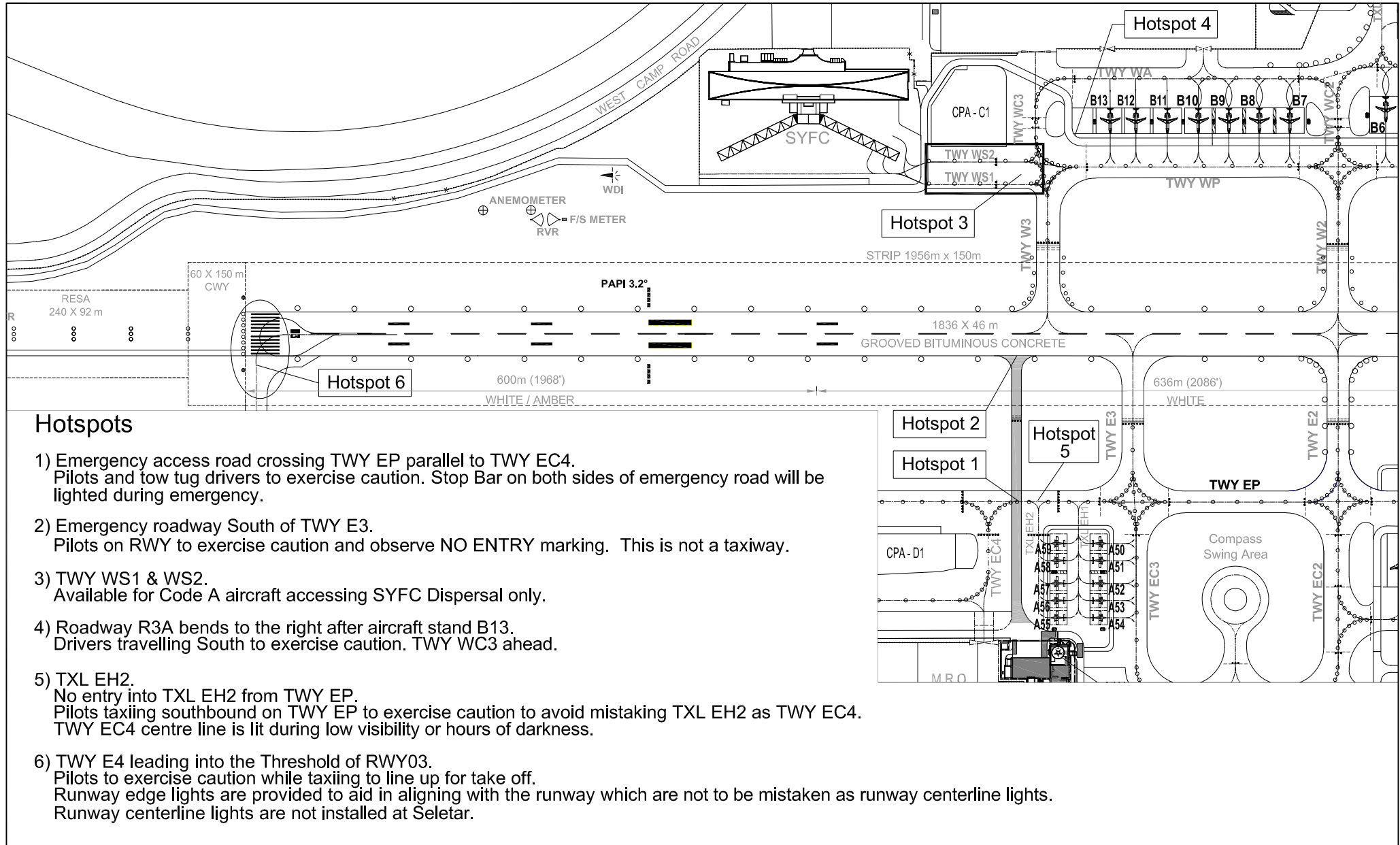


LEGEND	
	FLOOD LIGHTS 20m AGL ATOP PYLONS
	MAST FOR WIND MONITORING SYSTEM AT BOTH ENDS OF THE RUNWAY, HEIGHT 9m
	ANEMOMETER BOTH ENDS OF THE RUNWAY, HEIGHT 10M
	THRESHOLD IDENTIFICATION LIGHTS 15m FROM RUNWAY EDGES
	RVR BOTH ENDS OF THE RUNWAY, HEIGHT 3M
	F/S METER BOTH ENDS OF THE RUNWAY, HEIGHT 3M
	STOP BAR



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AERODROME HOTSPOTS



Hotspots

- 1) Emergency access road crossing TWY EP parallel to TWY EC4.
Pilots and tow tug drivers to exercise caution. Stop Bar on both sides of emergency road will be lighted during emergency.
- 2) Emergency roadway South of TWY E3.
Pilots on RWY to exercise caution and observe NO ENTRY marking. This is not a taxiway.
- 3) TWY WS1 & WS2.
Available for Code A aircraft accessing SYFC Dispersal only.
- 4) Roadway R3A bends to the right after aircraft stand B13.
Drivers travelling South to exercise caution. TWY WC3 ahead.
- 5) TXL EH2.
No entry into TXL EH2 from TWY EP.
Pilots taxiing southbound on TWY EP to exercise caution to avoid mistaking TXL EH2 as TWY EC4.
TWY EC4 centre line is lit during low visibility or hours of darkness.
- 6) TWY E4 leading into the Threshold of RWY03.
Pilots to exercise caution while taxiing to line up for take off.
Runway edge lights are provided to aid in aligning with the runway which are not to be mistaken as runway centerline lights.
Runway centerline lights are not installed at Seletar.

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