

Telephone: (65) 6595 6051  
AFS: WSSSYNYX  
Facsimile: (65) 6441 0221  
caas\_singaporeais@caas.gov.sg  
www.caas.gov.sg

REPUBLIC OF SINGAPORE  
AERONAUTICAL INFORMATION SERVICES  
CIVIL AVIATION AUTHORITY OF SINGAPORE  
SINGAPORE CHANGI AIRPORT  
P.O. BOX 1, SINGAPORE 918141

AIP SUPPLEMENT

3/16  
23RD FEBRUARY

## CHANGES TO THE VERTICAL LIMITS FOR SELETAR CONTROL ZONE 'A', SEMBAWANG AERODROME TRAFFIC ZONE AND LIGHT AIRCRAFT TRAINING AREAS

### INTRODUCTION

1. The purpose of this AIP Supplement is to provide details on changes to the vertical limits, effective 0000UTC, 31 March 2016, for
  - a. Seletar Control Zone (CTR) 'A' – see AIP Singapore section WSSL AD 2.17 ATS Airspace;
  - b. Sembawang Air Traffic Zone (ATZ) – see AIP Singapore section WSAG AD 2.17 ATS Airspace; and
  - c. Light Aircraft Training Areas (LATAs) – see AIP Singapore section ENR 5.2 Military Exercise and Training Areas.
2. The lateral limits of the airspace for Seletar CTR 'A', Sembawang ATZ and LATAs will remain unchanged.

### CHANGES TO AIRSPACE VERTICAL LIMITS

3. The airspace vertical limits will be changed as follows. Refer to **Annex A Chart 1** and **Annex B Tables 1, 2, 3 and 4** for details.
  - a. Upper limit for Seletar CTR 'A', Sembawang ATZ and LATA 'A'  
  
The upper limit for Seletar CTR 'A', Sembawang ATZ and LATA 'A' will be raised to 4,500ft ALT. The maximum usable altitude will be 4,000ft.
  - b. Lower limit for LATA 'B' and LATA 'C'  
  
The lower limit for LATA 'B' and LATA 'C' will be at 4,500ft ALT and the minimum usable altitude will be 5,000ft.

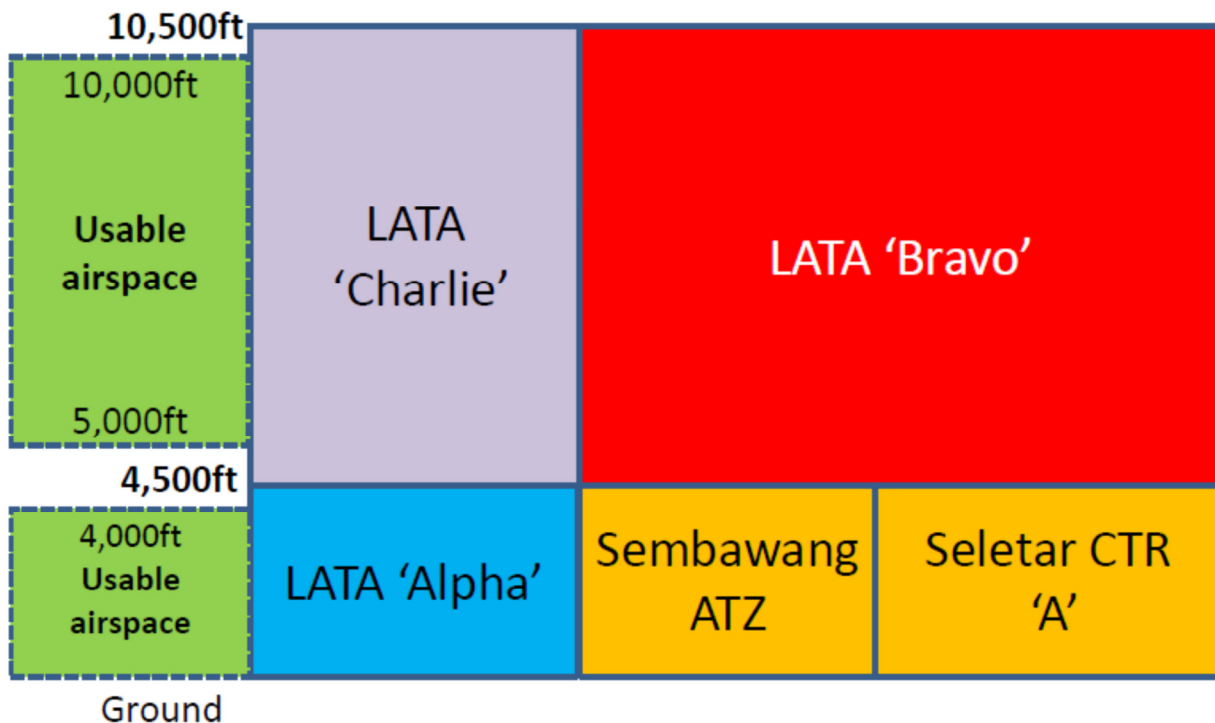
- c. Upper limit for LATA 'B' and LATA 'C'

The upper limit for LATA 'B' and LATA 'C' will be raised to 10,500ft ALT. The maximum usable altitude will be 10,000ft.

#### **CANCELLATION**

- 4. This AIP Supplement will remain current until the information is incorporated into AIP Singapore.

## CHANGES TO AIRSPACE VERTICAL LIMITS



ATZ – Aerodrome Traffic Zone

CTR – Control Zone

LATA – Light Aircraft Training Area

**Chart 1**

<b>WSSL AD 2.17 ATS AIRSPACE</b>		
1	<i>Designation and Lateral Limits</i>	<p><b>SELETAR CTR</b> 012703N 1035009E 012825N 1035009E 012900N 1035425E 012534N 1035454E thence along international boundary to 012556N 1035326E 012227N 1035158E 012232N 1035016E 012327N 1034922E 012607N 1035053E and thence an arc of 2NM radius (centred at position 012527N 1034856E) joining 012607N 1035053E and 012703N 1035009E.</p> <p><b>SELETAR CONTROL ZONE 'A'</b> Portion of Seletar CTR within Singapore FIR is known as Seletar CTR 'A'.</p> <p><b>SELETAR CONTROL ZONE 'B'</b> The part in the Kuala Lumpur FIR is known as Seletar CTR 'B' and is bounded by 012825N 1035009E, 012900N 1035425E, 012534N 1035454E thence along the Peninsular Malaysia / Singapore international boundary to 012808N 1035010E to 012825N 1035009E from GND / sea level to 3,000ft. It will be activated only with prior approval of Johor Bahru ATC.</p>
2	<i>Vertical Limits</i>	<p><b>SELETAR CONTROL ZONE 'A'</b> SFC to 4,500ft ALT Maximum Usable ALT 4,000ft</p> <p><b>SELETAR CONTROL ZONE 'B'</b> SFC to 3,000ft ALT</p>

Table 1

<b>WSAG AD 2.17 ATS AIRSPACE</b>		
1	<i>Designation and Lateral Limits</i>	<p><b>SEMBAWANG ATZ</b> An arc of 2NM radius centred on Sembawang AD (012527N 1034856E) commencing from 168° radial clockwise to 072° radial and thence a straight line joining these two points.</p>
2	<i>Vertical Limits</i>	<p>SFC to 4,500ft ALT Maximum Usable ALT 4,000ft</p>

Table 2

<b>ENR 5.2 MILITARY EXERCISE AND TRAINING AREAS</b>		
<i>Name and Lateral Limits</i>	<i>Upper Limit Lower Limit</i>	<i>Remarks Time of Activity</i>
1	2	3
<b>LIGHT AIRCRAFT TRAINING AREA A</b>		
<p>(Training and Local Flying)</p> <p>All the airspaces contained within the boundaries bounded by the following:</p> <p>012650N 1034619E @ (Woodlands Customs Checkpoint) (a)</p> <p>012249N 1034540E @ (cross-road junction of Upper Bukit Timah Road and Bukit Panjang Road / Choa Chu Kang Road) (b)</p> <p>012100N 1034654E @ (Bukit Timah) (c)</p> <p>012232N 1035016E @ (Mayflower Garden) (d)</p> <p>012327N 1034922E @ (Sembawang ATZ boundary) and along the boundary of Sembawang ATZ (e)</p> <p>012714N 1034752E @ (Admiralty Rd West / Attap Valley Rd) (f)</p> <p>012650N 1034619E @ (Woodlands Customs Checkpoint) (a)</p>	<p><u>4 500ft ALT</u> GND</p> <p><u>4 500ft ALT</u> 2 000ft ALT#</p> <p>Maximum Usable ALT: 4 000ft</p>	<p>1) The airspaces designated as Light Aircraft Training Areas are for Local Flying and Training purposes. Flights are to be conducted during DAYLIGHT hours and in VMC ONLY. The Training Areas are uncontrolled airspaces. It will be the responsibility of pilots to maintain adequate separation with other aircraft including those operating in the Seletar and Sembawang Aerodrome circuits. All aircraft are to operate strictly within the designated areas and not to stray out of the areas or intrude into adjacent controlled airspaces.</p> <p>2) Aerobatics and test flights are prohibited in Light Aircraft Training Areas A, B and C.</p> <p>3) The provision of FIS is the responsibility of Paya Lebar APP. However, due to the nature of training ops carried out, position and altitude of aircraft will not be made available. The only information that can be provided to pilots will be the number of REPORTED aircraft within the areas concerned.</p> <p>4) On receipt of the relevant information, it shall be the responsibility of the pilot to decide whether his intended flight can be carried out safely in view of the prevailing air traffic.</p> <p>5) To enable Paya Lebar APP to maintain an accurate record of aircraft operating in the areas and to disseminate up-to-date information, all pilots must report entering and leaving the Training Areas to Paya Lebar APP.</p>

<b>LIGHT AIRCRAFT TRAINING AREA B</b>	
<p>(High Flying Training Operations)</p> <p>The area includes the airspace above Seletar CTR A, Sembawang ATZ, parts of Paya Lebar CTR and Light Aircraft Training Area A and is contained within the following:</p> <p>012650N 1034619E @ (Woodlands Customs Checkpoint) (a)</p> <p>012205N 1034910E @ (Eastern Edge of Pierce Reservoir) (j)</p> <p>012232N 1035016E @ (Mayflower Garden) (d)</p> <p>012227N 1035158E @ (Seletar Hill Estate) (i)</p> <p>012537N 1035319E @ (East of Seletar Airfield) (h)</p> <p>012727N 1034921E @ (Canberra / Admiralty Road) (g)</p> <p>012650N 1034619E @ (Woodlands Customs Checkpoint) (a)</p>	<p><u>10 500ft ALT</u> 4 500ft ALT</p> <p>Maximum Usable ALT: 10 000ft</p> <p>Minimum Usable ALT: 5 000ft</p>
	<p>6) Pilots of all aircraft operating within the areas are required to keep a listening watch on the appropriate Paya Lebar APP VHF / RT control frequency 127.7MHz.</p> <p>7) All flights in the Training Areas are to be conducted on Singapore QNH. This value can be obtained from Paya Lebar APP.</p> <p>8) In the interest of flight safety, aircraft operating in Light Aircraft Training Area A are advised to make a broadcast on the controlling frequency specifying their call sign and position when climbing or descending through 2,000ft.</p> <p># Above Transit Channel</p> <p>@ Closest Visual Reference Point</p>

**Table 3**

<b>ENR 5.2 MILITARY EXERCISE AND TRAINING AREAS</b>		
<i>Name and Lateral Limits</i>	<i>Upper Limit Lower Limit</i>	<i>Remarks Time of Act</i>
1	2	3
<b>LIGHT AIRCRAFT TRAINING AREA C</b>		The minimum flight altitude over Light Aircraft Training Area C is 11,000ft.
012650N 1034619E	<u>10 500ft ALT</u>	
012249N 1034540E	4 500ft ALT	
012100N 1034654E	Maximum Usable ALT:	
012205N 1034910E	10 000ft	
012650N 1034619E	Minimum Usable ALT:	
	5 000ft	

**Table 4**