

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

41 / 16
 23RD MARCH

**SINGAPORE FIR - AIRSPACE CLOSURE DUE TO MILITARY EXERCISE
 210001UTC to 281100UTC APRIL 2016**

1. INTRODUCTION

1.1 In relation to Air Defence Exercise (ADEX) BERSAMA SHIELD 16 (BS16), see AIP Supplement 40/16, military exercise will also take place within Area Bravo Extension (see paragraph 2.2 for lateral and vertical limits) from **210001UTC to 281100UTC April 2016**.

1.2 Area Bravo Extension will be active daily with period of intense aerial activity from 0100UTC to 0400UTC. The exercise airspace will be released back to civil ATC when not required by military exercise traffic.

2. EXERCISE AIRSPACE

2.1 Headquarters Integrated Area Defence System (HQIADS) under the Five Power Defence Arrangements (FPDA) shall be the coordinating authority for the exercise airspace. Outside the exercise windows, HQIADS will release the exercise area when not required for exercise purposes.

2.2 The lateral and vertical limits of Area Bravo Extension are as described below and depicted at Chart 1 to this AIP Supplement.

Area Bravo Extension (excluding South China Sea Corridor)	Vertical Limit
063000N 105000E, 063000N 107300E, 050000N 107300E, 040000N 106300E, 031100N 105200E, 024500N 105100E, 021600N 105200E, 013000N 1045200E, 013000N 1043600E, 013800N 1045300E, 015400N 1050500E, 022300N 1050100E, 025500N 1045200E, 035000N 1044700E, 040300N 1045200E, 050500N 1052900E, 054000N 1054700E, 060700N 1054900E, 063000N 105000E.	See below
Sector 1 Between 59 DME VTK and 90 DME PU (lower section) *Note: During intense aerial activity period from 0100UTC to 0400UTC, vertical limit for civil use will be from FL180 to FL320.	SFC to FL140*

Area Bravo Extension (excluding South China Sea Corridor)	Vertical Limit
Sector 2 Between 59 DME VTK and 90 DME PU (upper section)	FL330 to FL460
Sector 3 Between 90 DME PU and 150 DME PU	SFC to FL230
Sector 4 North of 150 DME PU	SFC to FL250
Note: Area Bravo Extension EXCLUDES the South China Sea Corridor.	SFC to FL200

2.3 Civil and non-exercise aircraft may operate up to the limits of the non-exercise airspace. Exercise aircraft will maintain a vertical buffer of 1,000ft and a lateral buffer of 5NM from the airspace released for civil use.

3. INTENSE AERIAL ACTIVITY

3.1 Intense aerial activity will take place daily from 0100UTC to 0400UTC. Vertical limit of Sector 1, between 59 DME VTK and 90 DME PU, for civil use will be from FL180 to FL320.

4. SUSPENSION OF OPERATIONS ON SEGMENT OF ATS ROUTE G334

4.1 All aircraft movements within the following ATS route segment will be temporarily suspended throughout the exercise period. Flights which would normally flight plan to operate along this route segment will plan via the alternate route instead:

ATS Route	Affected Segment	Alternate Route	Period Affected
G334	SAROX to BUNTO	G584 VPK M761	Entire duration of exercise period

5. REQUEST FOR CLEARANCES INTO EXERCISE AIRSPACE

5.1 Civil and non-exercise aircraft operating into and out of airports in Peninsular Malaysia and Singapore via established ATS routes which intend to operate in the active exercise area shall be permitted to operate subject to prior coordination. Pilots of such flights shall conform strictly to the ATC clearances issued before entering the active exercise area. Any clearance into the exercise area will automatically expire if the aircraft cannot remain within 10 minutes of the flight planned ETDs and ETAs.

Civil and non-exercise aircraft requiring clearance into the exercise airspace should submit a flight plan and inform HQIADS and SATCC at least six hours prior to departure. Submission of flight plan, either by email or fax, will be via the relevant AIS office / operator. HQIADS will process these request(s) and

5.2 endeavour to approve the flight plan or provide a de-conflicted slot time. HQIADS will then pass this information to the operator and SATCC for approval / rejection dissemination. Any queries should be directed to HQIADS.

6. INTERCEPTION AND IDENTIFICATION OF NON-EXERCISE AIRCRAFT

6.1 All non-exercise SSR transponder-equipped aircraft when operating during the exercise period shall have their transponders set to their allocated SSR codes, or if a code has not been allocated, they should set Mode 3/A Code 2000.

6.2 Civil and non-exercise military aircraft entering or transiting the active exercise areas may be intercepted for the purpose of identification. An aircraft which is intercepted by another aircraft shall act in accordance to the instructions published in the AIPs (Malaysia page ENR 1.12 / Singapore page ENR 1.12).

6.3 Civil and non-exercise military aircraft experiencing an emergency that necessitates them entering an active exercise area should immediately advise the appropriate ATC agency so that necessary action can be taken to co-ordinate a safe entry into the area.

7. COORDINATION TELEPHONE / FACSIMILE NUMBERS AND EMAIL

Unit	Contact Details
HQIADS	Phone: +60 43143099 +60 43143399 +6016 4198391 Fax : +60 43239926 +60 43325159 e-mail : plansa1@hqiads.mil.my
Singapore Area Coordinator (SATCC)	Phone: +65 65105333 Fax : +65 65105314

AREA BRAVO EXTENSION - EXERCISE AIRSPACE

CHART 1

