



International Civil Aviation Organization

**The Sixteenth Meeting of the Regional Airspace Safety Monitoring
Advisory Group (RASMAG/16)**

Bangkok, Thailand, 20 – 24 February 2012

Agenda Item 7: Any Other Business

AUSTRALIAN FITMENT MANDATE AWARENESS

(Presented by Australia)

SUMMARY

This paper highlights that the Australian ADS-B fitment becomes mandatory next year, and provides information on the efforts undertaken to ensure that Airlines are aware.

This paper relates to –

Strategic Objectives:

A: *Safety – Enhance global civil aviation safety*

Global Plan Initiatives:

GPI-21 Navigation systems

1. INTRODUCTION

1.1. On 27 February 2009, the Australian Civil Aviation Safety Authority (CASA) Director of Aviation Safety promulgated the following instruments which effectively operate in combination to ensure that new requirements for the use of Automatic Dependent Surveillance – Broadcast (ADS-B) transmitting equipment apply, according to their terms, to all Australian aircraft, foreign aircraft in Australian territory engaged in Regular Public Transport (RPT), charter or aerial work operations and foreign private aircraft in Australian territory:

- a) Civil Aviation Order 20.18 Amendment Order (No. 1) 2009,
- b) Civil Aviation Order 82.1 Amendment Order (No. 1) 2009,
- c) Civil Aviation Order 82.3 Amendment Order (No. 2) 2009,
- d) Civil Aviation Order 82.5 Amendment Order (No. 2) 2009; and
- e) Miscellaneous Instrument CASA 41/09 – Direction – use of ADS-B in foreign aircraft engaged in private operations in Australian territory.

1.2. The new requirements make fitment and operation of approved ADS-B avionics equipment mandatory on, and from, 12 December 2013 for all aircraft operations in Australian airspace at, or above, FL 290 (unless CASA has authorised otherwise). These documents are available on the CASA website at www.casa.gov.au

2. AWARENESS INFORMATION FOR OPERATORS

2.1. Significant efforts have been undertaken to ensure that operators are aware of the ADS-B mandate. These include :

- Papers & presentations at ADS-B Task Force meetings since 2009
- Papers presented at APANPIRG meetings
- Availability of the regulations on the CASA website
- A dedicated page on the Airservices Australia web site see <http://www.airservicesaustralia.com/projects/ads-b/ads-b-mandate-update/>
- Publication in a number of international magazines eg: Aviation Business Jan 2012 including the poster shown on the next page
- Presentations to Industry groups, Airlines and IATA
- CANSO workshop presentations
- Presentation to ICAO (eg at GANIS)
- Direct contact with Airservices customers (Airlines)
- Advising IATA which airlines have not yet equipped.
- AIC of 15 June 2011

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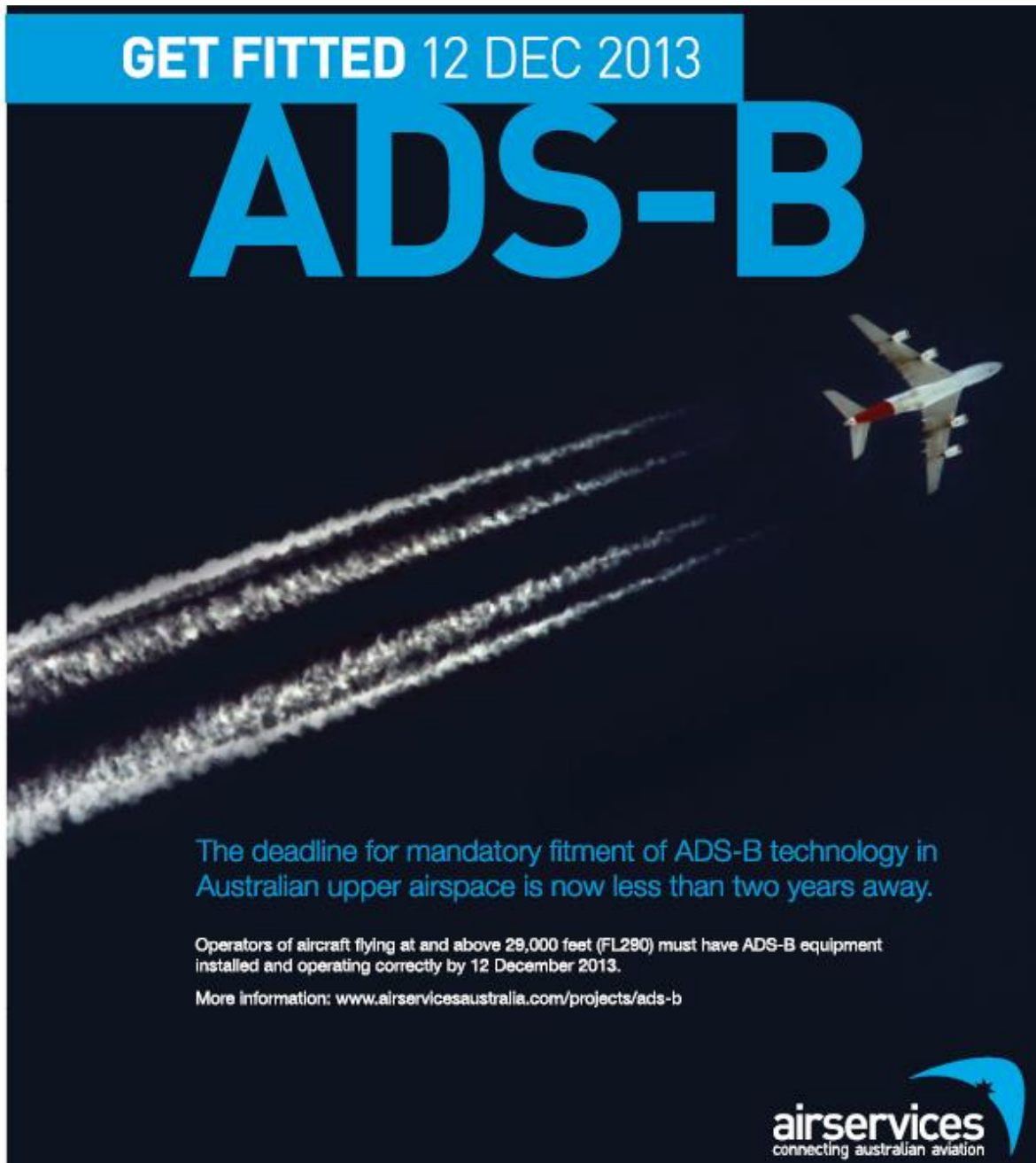
TRANSITION TO SATELLITE TECHNOLOGY FOR NAVIGATION AND SURVEILLANCE

1. INTRODUCTION

1.1 In March 2009 CASA published a notice of final rule making (NFRM) regarding the transition to satellite technology for navigation and surveillance. The changes involve amendments to CAOs and CAR 209. Full information may be located at: http://www.casa.gov.au/scripts/nc.dll?WCMS:standard::pc=PC_93242

1.2 The amendments to the regulatory and supporting documentation are as follows:

- Amendment schedule to CAO 20.18;
- Amendment schedule to CAO 82.1;
- Amendment schedule to CAO 82.3;
- Amendment schedule to CAO 82.5; and
- Instrument of direction under Subregulation 209 (1) of CAR (1988).

A poster with a dark blue background. At the top, a light blue banner contains the text "GET FITTED 12 DEC 2013" in white. Below this, the text "ADS-B" is written in large, bold, light blue letters. To the right, a white commercial airplane is shown in flight, leaving three parallel white contrails that trail across the lower half of the poster. At the bottom, there is white text providing information about the ADS-B mandate.

GET FITTED 12 DEC 2013

ADS-B

The deadline for mandatory fitment of ADS-B technology in Australian upper airspace is now less than two years away.

Operators of aircraft flying at and above 29,000 feet (FL290) must have ADS-B equipment installed and operating correctly by 12 December 2013.

More information: www.airservicesaustralia.com/projects/ads-b

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3. ACTIONS BY THE MEETING

3.1 It is recommended that the meeting note that the Australian ADS-B mandate becomes effective next year (2013) and disseminate this information within States.

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