



*International Civil Aviation Organization*

**REGULATOR'S WORKSHOP ON ADS-B  
AVIONICS EQUIPAGE REQUIREMENTS**

Jakarta, Indonesia, 16 – 17 August 2010



**PROVISIONAL AGENDA**

**Agenda Item 1: Opening the Regulators' Workshop**

- Review ICAO/APANPIRG Conclusions and guidance material relevant to aircraft ADS-B equipage.

**Agenda Item 2: What is ADS-B**

- Technology basics
- ADS-B IN and ADS-B OUT

**Agenda Item 3: Overview of the primary operational role(s) for ADS-B in the APAC Region in the period up to 2020**

- Planned use of ADS-B for ATC surveillance in enroute airspace in the APAC region
- Brief overview of benefits of ADS-B (safety; efficiency); problems arising from absence of aircraft fitment mandates in APAC region
- General discussion by participants on operational role
- Key performance criteria for airborne components

**Agenda Item 4: Review of existing and future ADS-B and GNSS technical standards for aircraft equipage**

- Overview of organisations involved in ADS-B standards
- Overview of relevant technical standards
- Overview of existing and future ADS-B equipment
- Airlines' view

**Agenda Item 5: Existing and future aircraft equipage certification**

- Different ADS-B avionics installations in existing aircraft; airline aircraft ADS-B installations certified under aircraft type certificate; non-certified aircraft types
- Australian approval process to date and plans for future
- Intended US approval process
- EASA-AMC 20-24 certification
- Discuss APAC States considerations/options for certification/acceptance procedure.

**Agenda Item 6: Review existing ADS-B equipage mandates world-wide, and preview any future mandates**

- EASA AMC 20-24
- Australian Civil Aviation Order 20.18
- Canadian rule
- FAA rulemaking
- Future European and US requirements in radar airspace/terminal airspace/on aerodrome surface

**Agenda Item 7: Brief review of need to harmonize standards and compliance timing for aircraft mandates**

- Reasons for States to harmonize
- Brief presentation/discussion of each State's intention for mandate
- State regulators to discuss their intention on compliance timing for aircraft mandates

**Agenda Item 8: Discussions on APAC Region aircraft mandates**

- Discussion of harmonized technical standards for the APAC Region
- Discussion of a coordinated form of words as a mandate template for possible guidance of APAC Regulators

**Agenda Item 9: Other issues raised by attending members**

**Agenda Item 10: Summary of workshop outcome and review of APAC States intentions/standards/timings for mandates**

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