

**SAFETY BULLETIN**[www.airservicesaustralia.com](http://www.airservicesaustralia.com)**17 November 2010****Operation of Mode S Transponders**

ATC occurrence reports indicate continuing problems with incorrect operation of Mode S transponders on the ground. Squawking from the gate on departure is essential in order for ATC surveillance systems, including the Advanced Surface Movement Guidance and Control System (ASMGCS), to detect aircraft and function properly.

ASMGCS is currently operational at Melbourne and Sydney, and will shortly be installed in Brisbane and Perth.

Pilots are reminded of the requirement to select **TA/RA**, **XPDR** or **ON AUTO**, as applicable, on receipt of an airways clearance, or the earlier of either requesting Push Back or Taxi.

Operators of Mode S-equipped aircraft are requested to ensure that these procedures are embedded in appropriate checklists.

Australian reference: AIP ENR 1.6-9 para 7.1.9 a

**Further Information**

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