

**EUROPEAN ORGANISATION FOR THE SAFETY OF AIR NAVIGATION**

**EUROCONTROL**

- Recommendations of the Permanent Commission -

**RECOMMENDATION N° 03/5**

**relating to supporting measures for the implementation of Mode S Elementary Surveillance**

THE PERMANENT COMMISSION FOR THE SAFETY OF AIR NAVIGATION:

Having regard to the EUROCONTROL International Convention relating to Co-operation for the Safety of Air Navigation, amended by the Protocol signed at Brussels on 12 February 1981, and in particular its Articles 2.1(d), 6.1(a) and 7.5;

Having regard to Recommendation N° 02/4 of 8 August 2002 relating to the implementation of Mode S Elementary Surveillance in Europe;

Considering that specific measures are now required for such implementation;

On the proposal of the provisional Council,

FORMULATES THE FOLLOWING RECOMMENDATION:

The competent authorities of Members States are urged:

- a) to file a difference with the dates stated in the provisions of 2.1.5.1.7.1 of Annex 10 (Aeronautical Telecommunications), Volume IV, Amendment 77, to the ICAO Convention viz.  
*SI code capability in new aircraft by 31 March 2004*  
*SI code capability in all aircraft by 31 March 2005;*
- b) in order to resolve an identified transponder problem, to issue as soon as practicable an Airworthiness Directive (AD), similar to the model at annex to this recommendation;
- c) to implement measures, to be defined in close co-operation with the Joint Aviation Authorities (JAA), to secure the sustainable use of ICAO 24-bit Aircraft Address.

Done at Brussels on 11.6.03



J. TURECKÝ  
President of the Commission

## Airworthiness Directive Model

### NOTIFICATION OF AN AIRWORTHINESS DIRECTIVE

**CAA Airworthiness Directive**                      *Ref. Number*

**Applicability**                      Applicable to aircraft fitted with Honeywell MST 67A Mode 'S' transponders, Part Nos 066-01143-1101, -1201 and -1301, Serial Nos 1141 and below, and Part No 066-01143-1602, Serial Nos 1503 and below.

**Subject - Description**                      Replacement of U9004 and U9005 on IOP/DLP board P/N 200-08366-0020 or -0040.

**Compliance - Requirement (Summary)**                      Compliance is required *as soon as practicable*. Modify the MST 67A Mode 'S' transponder in accordance with Honeywell Software Bulletin SWB MST 67A-SW2 to eliminate corruption in the PI field in Mode S Format DF=11 so that the unit produces a correct response to a Mode 'S' all call.

This Directive becomes effective on ...

(signed)

**Authority**