EASA Safety Information Bulletin

SIB No.: **2010-32**
Issued: **11 November 2010**

Subject: **Gables Engineering Inc – Loss of ATC Transponder Transmissions**

Ref. Publications: Gables Engineering publications:
- Service Information Letter (SIL) 85 dated 19 May 2009,
- Service Bulletin (SB) G7490-( )-34-01 dated 19 May 2009,
- SB G7492-( )-34-01 Revision 01 dated 22 May 2009, and
- SB G7493-( )-34-01 dated 19 May 2009.

Applicability: Gables G7490, G7492, and G7493 series ATC/TCAS Control Panels.

The affected control panels are known to be installed on, but not limited to, the following aeroplane types:

- Airbus A310 series,
- ATR 42 series,
- BAE Systems (formerly British Aerospace) BAe146 and AVRO 146-RJ series,
- Boeing 707, 727, 737, 747, 757, 767 and 777 series,
- Fokker F28 Mark 0070 and Mark 0100,
- Lockheed 382 (Hercules) and L-1011 (Tristar) series,
- McDonnell Douglas DC-8-60 and -70 series, DC-9 series, MD-88, MD-90-30, DC-10 and MD-11 series, and
- Sabreliner Corporation (formerly North American) NA-265 series.

Supplemental Type Certificate (STC) ST01256WI-D which has been validated for application in Europe as STC EASA.IM.A.S.01061, is one (but not the only) approved aeroplane modification to install the affected control panels on an aeroplane.

Description: EASA has received reports regarding potential loss of ATC transponder transmissions due to a loose connection of an installed resistor in the Gables ATC/TCAS control panel types G7490, G7492, G7493 series. Gables Engineering has contacted known operators to advise them to return the control panels for modification. At this time, EASA has determined that this airworthiness concern is not an unsafe condition that would warrant airworthiness directive (AD) action under Regulation (EC) 1702/2003, Part 21A.3B.

Recommendation: Operators of affected aeroplanes are recommended to contact Gables Engineering support centre to arrange for a product upgrade and implement the modification in accordance with the applicable Gables Engineering Service Bulletin (see references above).

Contacts: For further information, contact the Airworthiness Directives, Safety Management & Research Section, Certification Directorate, EASA. E-mail: ADs@easa.europa.eu.

For technical assistance, or copies of the referenced publications, contact

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