



## **EASA Safety Information Notice**

**No.:** 2008-06

**Issued:** 06 February 2008

**Subject:** **Unapproved Parts – Installed in Honeywell IVA-81A TCAS II Vertical Speed Indicators**

**Ref. Publication:** FAA Special Airworthiness Information Bulletin (SAIB) NM-08-12.

**Introduction:** This Safety Information Notice (SIN) refers to FAA SAIB NM-08-12 (attached to this document as pages 2 and 3) and advises aircraft owners, operators, maintenance organisations and parts distributors, to inspect Honeywell IVA-81A Traffic Alert and Collision Avoidance System (TCAS II) Traffic Advisory/Vertical Speed Indicators (TCAS/IVSI) for unapproved parts, and to bring them back to conformance with type design.

**Applicability:** Individual Honeywell IVA-81A units as identified in the attached SAIB; these are known to be installed on, but not limited to, transport category aircraft.

**Recommendation:** This Safety Information Notice is for information only.

**Contact:** For further information contact the Airworthiness Directives, Safety Management and Research Section, Certification Directorate, EASA.  
E-mail: [ADs@easa.europa.eu](mailto:ADs@easa.europa.eu) .



**SAIB:** NM-08-12

**SUBJ:** Navigation - Traffic Alert and Collision Avoidance System (TCAS II) **Date:** January 30, 2008

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*This is information only. Recommendations aren't mandatory.*

## **Introduction**

This Special Airworthiness Information Bulletin (SAIB) advises you, aircraft owners, operators, maintenance organizations, and parts distributors, to inspect the **Honeywell IVA-81A Traffic Alert and Collision Avoidance System (TCAS II) Traffic Advisory/Vertical Speed Indicators (TCAS/IVSI)** for unapproved parts, and to repair to bring them back to conformance with type design.

## **Background**

This SAIB is prompted by reports that some integrated vertical speed indicators (IVSI) failed because unapproved parts were used for maintenance and repair of the IVSI. The IVSI provides the aircraft vertical speed indication and visual display of Traffic Alert and Collision Avoidance System (TCAS) traffic and vertical speed guidance in the form of red/green bands during a TCAS resolution advisory. Failure of the IVSI can cause loss of vertical speed indication, and visual vertical guidance for TCAS maneuver (in case of a traffic conflict).

Since the TCAS aural advisories remain functional, and since a second TCAS/IVSI (for the other pilot) will typically be installed in airplanes utilizing this equipment, the FAA does not consider loss of the above functions on a single indicator to be an unsafe condition. However, in order to maintain the level of safety provided by a fully functional TCAS/IVSI, affected operators may want to take action to remove from service those units that may have been repaired using unapproved parts.

## **Recommendations**

We recommend that you inspect your aircraft, aircraft records, and or parts inventories for Honeywell IVA-81A Traffic Alert and Collision Avoidance System (TCAS II) Traffic Advisory/Vertical Speed Indicators (IVSI) that were serviced by Aeronautical Technology, Inc., and return them for repair to the following address (further information regarding Recall Notice 082506 may also be obtained at this address):

Aero Technology  
3333 E. Spring St.  
Long Beach, CA 90806  
Ref: Recall Notice 082506

The units that are suspected to have improper maintenance are:

<b>Part Number</b>	<b>Serial Number(s)</b>
066-50001-0901	1830, 1968, 2105, 2540, 2996, 3158, 3368, 4025, 4063, 4412, 4427, 4613
066-50001-1001	1059, 1304, 1547, 1824, 1873, 2070, 2079, 2191, 2235, 2243, 2314, 2718, 2775, 2824, 3149, 3698, 3711, 3763, 3790, 3907, 3930, 3951, 4067, 4112, 4521, 5245, 5878, 5914, 6264, 6302, 6822, 8968, 10265, X7240
066-50001-1701	3265
066-50001-1801	3364, R4190, X1761
066-50001-1804	4796
066-50001-2704	3244
066-50001-3104	5521

**For Further Information Contact**

Tin Truong, Aerospace Engineer, FAA Seattle Aircraft Certification Office, 1601 Lind Avenue SW., Renton, WA 98057-3356; phone: (425) 917-6486; facsimile: (425) 917-6590; email: [tin.truong@faa.gov](mailto:tin.truong@faa.gov).