



## EASA Safety Information Notice

**No.:** 2008-31

**Issued:** 07 April 2008

**Subject:** Honeywell Model IVA-81A TCAS Display Indicators that have been improperly overhauled and returned to service

**Ref. Publication:** FAA Unapproved Parts Notification (UPN) No. 2008-200600159.

**Introduction:** The Federal Aviation Administration (FAA) has published the referenced UPN (attached as pages 2 and 3 of this notice) as a result of an investigation that revealed that certain Honeywell Model IVA-81A TCAS display indicators have been improperly overhauled and returned to service, contrary to regulations.

**Note:** On 30 January 2008, the FAA published Special Airworthiness Information Bulletin (SAIB) NM-08-12 for this same subject, which was adopted by the Agency and published as EASA SIN 2008-06 dated 06 February 2008.

**Applicability:** Honeywell Model IVA-81A TCAS display indicators held as spares and identified in the attached FAA UPN; and any Transport Category aircraft which have Honeywell Model IVA-81A TCAS display indicators, as identified in the attached FAA UPN, installed.

**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) .

# UNAPPROVED PARTS NOTIFICATION

Flight Standards Service



**FAA**  
Aviation Safety

No.: 2008-200600159

Date: March 26, 2008

<http://www.faa.gov/aircraft/safety/programs/sups/upn>

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## **AFFECTED PRODUCTS**

Honeywell Model IVA-81A, display indicators for Traffic Alert and Collision Avoidance Systems (TCAS) installed in transport category airplanes.

## **PURPOSE**

This notification advises all aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors regarding improper maintenance performed on Honeywell Model IVA-81A, TCAS display indicators.

## **BACKGROUND**

Information received during a Federal Aviation Administration (FAA) investigation revealed that Aeronautical Technology, Inc., d.b.a. Aero Technology, a certificated repair station located at 3333 East Spring Street, Suite 311, Long Beach, CA 90806, overhauled and approved for return to service Honeywell Model IVA-81A, TCAS display indicators contrary to the regulations. Aeronautical Technology, Inc., holds FAA Air Agency Certificate No. DQ3R458L.

Evidence indicates that Aero Technology approved display units that it did not overhaul in compliance with the methods, techniques, and practices prescribed in the current manufacturer's maintenance manuals. Specifically, Aero Technology failed to install the required parts and correct part numbers during assembly of the display indicators. Discrepancies included, but are not limited to, the following:

- 1) Failure to install all required parts listed in the Honeywell parts manual and service bulletin ATA No. IVA-81A-34-63 (Pub No. 4693).
- 2) Failure to install the proper TCAS liquid crystal display in the Honeywell IVA-81A, Honeywell part number 043-20073-0005 and,
- 3) Failure to use proper test equipment in making airworthiness determinations for return to service of the display units.

Below is a partial list of TCAS display units that Aero Technology overhauled and approved for return to service.

## **RECOMMENDATIONS**

Regulations require that type-certificated products conform to their type design. We encourage aircraft owners, operators, manufacturers, maintenance organizations, parts suppliers, and parts distributors to inspect any aircraft, aircraft records, and/or parts inventories for any Honeywell IVA-81A TCAS display unit repaired, overhauled, and approved for return to service by Aeronautical Technology. If you find any referenced unit installed, you should take appropriate

action. If you find any display unit in existing inventory, we recommend quarantine to prevent installation until each display unit's eligibility for installation is determined.

**FURTHER INFORMATION:**

You can obtain further information concerning this investigation and guidance regarding the referenced display units from the FAA Flight Standards District Office (FSDO) given below. In addition to the above recommendations, the FAA would appreciate any information concerning the discovery of the Honeywell IVA-81A TCAS displays from any source, the means used to identify the source, and the action taken to remove the display from aircraft and/or stock.

This notice originated from the FAA Kansas City FSDO, 901 Locust Street, Room 403, Kansas City, MO 64106, telephone (816) 329-4000, fax (816) 329-4010.

**LIST OF PARTS**

| <b>Part No.</b> | <b>Serial No.</b> | <b>Part No.</b> | <b>Serial No.</b> |
|-----------------|-------------------|-----------------|-------------------|
| 066-50001-1001  | 1059              | 066-50001-1001  | 6822              |
| 066-50001-1001  | 1304              | 066-50001-1001  | 8968              |
| 066-50001-1001  | 1547              | 066-50001-1001  | 10265             |
| 066-50001-1001  | 1824              | 066-50001-1001  | X7240             |
| 066-50001-1001  | 1873              |                 |                   |
| 066-50001-1001  | 2070              | 066-50001-0901  | 1830              |
| 066-50001-1001  | 2079              | 066-50001-0901  | 1968              |
| 066-50001-1001  | 2191              | 066-50001-0901  | 2105              |
| 066-50001-1001  | 2235              | 066-50001-0901  | 2540              |
| 066-50001-1001  | 2243              | 066-50001-0901  | 2996              |
| 066-50001-1001  | 2314              | 066-50001-0901  | 3158              |
| 066-50001-1001  | 2718              | 066-50001-0901  | 3368              |
| 066-50001-1001  | 2775              | 066-50001-0901  | 4025              |
| 066-50001-1001  | 2824              | 066-50001-0901  | 4063              |
| 066-50001-1001  | 3149              | 066-50001-0901  | 4412              |
| 066-50001-1001  | 3698              | 066-50001-0901  | 4427              |
| 066-50001-1001  | 3711              | 066-50001-0901  | 4613              |
| 066-50001-1001  | 3763              | 066-50001-1701  | 3265              |
| 066-50001-1001  | 3790              | 066-50001-1801  | 3364              |
| 066-50001-1001  | 3907              | 066-50001-1801  | R4190             |
| 066-50001-1001  | 3930              | 066-50001-1801  | X1761             |
| 066-50001-1001  | 3951              | 066-50001-1804  | 4796              |
| 066-50001-1001  | 4067              | 066-50001-2704  | 3244              |
| 066-50001-1001  | 4112              | 066-50001-3104  | 5521              |
| 066-50001-1001  | 4521              |                 |                   |
| 066-50001-1001  | 5245              |                 |                   |
| 066-50001-1001  | 5878              |                 |                   |
| 066-50001-1001  | 5914              |                 |                   |
| 066-50001-1001  | 6264              |                 |                   |
| 066-50001-1001  | 6302              |                 |                   |