



INFORMATION BULLETIN

NAT Part #: **AA37-212**

Information Bulletin #: **001**

Description: **Dual Audio Alerting System**

Document #: **AA37\212\609-0**

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Date:
2016.05.04
15:29:17
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1.0 Applicability

This information is only applicable to AA37-212 units being used by Saab Nyge Aero for installation on helicopters delivered to the Finnish Defense Forces. In this application, the units are modified by the customer to suit their specific requirements.

2.0 Subject

In the installation configuration used by the customer, there are random incidences where the Alert 3 Trigger is activated when the trigger input ground is removed. This creates a 'false warning' for the flight crew which is considered unacceptable for the operational role of the aircraft. Minor changes to the AA37-212 provide a satisfactory solution to the problem.

Changes are as follows;

1. A 1N4005 diode is added between the Alert 3 trigger input and ground. This helps to reduce incidences of false triggers.
2. R122 is changed from 22k ohm to 120k ohm. This allows the Alert 3 signal to be heard for a longer duration (adjustable 3-6 seconds). Tone will be set for a 5 second duration.
3. Modified units will be marked as **MOD A**.

Note: Substantial testing was conducted by NAT in an effort to duplicate the problem described by the customer, but we were unable to do so. This bulletin acknowledges and accepts the combined efforts of NAT and its customer to reach a satisfactory solution for the product used in this specific application, and authorizes the changes accordingly.

End of information bulletin