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PRODUCT SERVICE BULLETIN

Issue Date : **June 14, 2013**

Bulletin Number : **PSB-10**

Subject : **14 Hour Automatic Shutdown**

Compliance : **Advisory**

Identification:

Vigil AAD II Multimode (Civilian Model), S/N 26172 or higher.
Date of Manufacture: 12-11 (**mm-yy**) or later
Main Software Version: 2.50 and higher (ver. 2.50 and higher)

Background:

There have been instances in which skydivers forgot to switch off their Vigil II Multimode unit (with serial numbers below S/N 26172) before leaving a drop-zone and whose next jump was at a different drop-zone, and who then forgot to switch them off and back on at the ground level of the new take-off zones. In such circumstances, their Vigil II Multimode (with serial numbers before S/N 26172) entered and remained in an "Airborne Status" and, in some cases, even activated, due to the difference in ground reference altitudes.

The underlying cause of these instances is that the skydivers did not follow the instructions stated in the Vigil II Multimode manual (See page 8 & 21) to switch the units off and back on. See also Information Bulletin: Vigil "Airborne" Status and Manual May 2009 (http://www.vigil.aero/wp-content/uploads/Airborne_Bulletin_Status_.pdf).

To avoid additional occurrences of "Airborne Status" situations and unexpected Vigil II activations caused by them, A.A.D. nv/sa has included a modification in the main software (ver. 2.50) in Vigil II multimode units from S/N 26176 and higher. With the modified main software (ver. 2.50) installed, the Vigil II Multimode will **ALWAYS**, automatically, switch off 14 hours after it has been switched on.

Beginning with S/N 26176, A.A.D. nv/sa also added the "be Vigil-ant" flyer (<http://www.vigil.aero/wp-content/uploads/Vigilant-flyer-ENG.pdf>) to each Vigil II Multimode that was produced by the company. In the first paragraph of the "be Vigil-ant" flyer, it states that you must **ALWAYS** manually shut down your Vigil at the end of the day, and that it must be done **before** leaving the drop-zone!

Compliance:

Because this change of main software has no influence on the functionality of the Vigil II Multimode other than that it will **ALWAYS** switch off automatically 14 hours after it is switched on, in most cases, no action by the user is required. However, Vigil II Multimode users who use units with serial number S/N 26176 or higher must be aware that because of the fixed 14-hour automatic switch-off, **if a period of jumping extends longer than 14-hours from the time the unit is switched on, the unit will switch off, even during a jump.** This means that a jumper who anticipates a jump period which is greater than, or equal to, 14 hours long should switch their unit off and then back on, prior to the expiration of the 14-hour period after it was switched on, to reset the 14-hour time period to avoid an automatic switch-off, which could leave them with a switched-off Vigil II Multimode during a jump.

A jumper who anticipates a jump period which is greater than or equal to 14 hours long should switch their unit off and then back on, prior to the expiration of the 14-hour period after it was switched on, to reset the 14-hour time period before automatic switch-off will occur.

Compliance Date: As required by use conditions.

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Distribution of this Advisory Product Service Bulletin shall include, but is not limited to:

- All identified owners of Vigil II Multimode S/N 26172 or higher.
- All AAD dealers.
- Parachute Industry Association.
- All identified parachuting publications.
- All identified parachuting Federations and Associations
- All National Aero Clubs, Parachuting Section.
- IPC Technical Committee.