

## TECHNICAL & SAFETY COMMITTEE

### INTERNATIONAL PARACHUTING COMMISSION (FAI)



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| <b>Technical &amp; Safety Information Notice No.</b> | <b>05/2009</b>  | <b>W.N. 26</b> |
| <b>Date of Issue</b>                                 | <b>11 November 2009</b>   |                |
| <b>Subject Matter and Applicability</b>              | <p><b>Vigil Cutters type 3</b></p> <p><b>Vigil Product Service Bulletin – PSB-5, issue date 10 October 2009</b></p> <p><b>Status: Advisory</b></p> <p><b>Identification:</b><br/>Vigil AAD, All Cutters produced in December 2007<br/>Part Number: 9582006<br/>Date of Manufacture: <b>12 - 07 - 2 (mm/yy/Batch)</b><br/>See Picture 1 below</p> <p><b>Background:</b><br/>After an activation of the cutter, the cutter body separated from its base.<br/>This occurred on the 19th Sept. 2009 in Cerfontaine (Belgium).</p> <p><b>Service Bulletin:</b><br/>Following notification by Advanced Aerospace Designs of this incident to our cutter manufacturer, we were informed that this incident was caused by an error during the final crimping of the cutter body to its base.<br/>This permitted the internal pressure to move the detonator and its base backwards, instead of pushing the cutter knife forward.<br/>With this scenario, the knife was not able to do its job and stayed in its original position without cutting the closing loop.</p> <p><b>This cutter was part of a production batch of 199 pieces, produced in December 2007.</b><br/>The manufacturer of our cutters has assured Advanced Aerospace Designs that this is an isolated case and that this has never occurred before in the millions of cutters and detonators that they have produced for its customers including NASA and the US Armed Forces.<br/>We want to confirm that 2 cutters of that batch were activated by us for test purpose and worked to specification. (See Picture 2 below).</p> |                |

**In the interest of safety, AAD has decided to recall all cutters from this batch and to replace all those cutters free of charge.**

This also will enable us to personally examine the entire batch before sending it back to the factory for a detailed analysis, this will allow us to confirm that this is an isolated incident.

**The Distribution list shall include but is not limited to:**

- All owners of Vigil Cutter With DEC 07 production date.
- All AAD dealers.
- Parachute Industry Association.
- All Parachuting publications.
- Federations.
- All National Aero Clubs, Parachuting Section.
- IPC Technical Committee.



Picture 1



Picture 2

|                                      |   |
|--------------------------------------|---|
| <p><b>Compliance</b></p>             | <p><b><u>Vigil AAD Advisory Notice states:-</u></b><br/> <b>Compliance Date:</b><br/> Because of the cutter manufacturers assurances this can be done at the next repack cycle.</p> <p><b><u>Australian Parachute Federation's position is:-</u></b><br/> <b>APF SERVICE BULLETIN No APF091110</b><br/> <b>Issued 10<sup>th</sup> November 2009</b><br/> <b>SUBJECT: Advanced Aerospace Designs (AAD) Vigil PSB-5</b></p> <p><b>STATUS: MANDATORY</b><br/> <b>APF POLICY:</b> These cutters are to be replaced prior to next use for each affected unit. The cutter date of manufacture is printed under the part number 9582006 in the format 12-07-2 (mm/yy/batch). A hologram number is found on the cutter with a corresponding hologram on the main box. If the cutter has been upgraded from type 1 or 2 to 3 after December 2007 you will need to check the date of manufacture or hologram number against the list issued as part of AAD PSB 5 – the reserve container will need to be opened to inspect. Owners are to contact AAD VIGIL or dealer for replacement cutter.</p> |
| <p><b>Concerned Publications</b></p> | <p><b>Vigil Product Service Bulletin – PSB-5, issue date 10 October 2009</b></p> <p><b>See Tables on Pages 5/6 of this Information Notice for lists:-</b><br/> <b>List of Vigil II supplier with Cutter DOM: 12-07-2 (mm/yy/batch)</b><br/> <b>List of Cutters with DOM: 12-07-2 (mmyy/batch)</b></p> <p><b>APF SERVICE BULLETIN No APF091110</b><br/> <b>Issued 10<sup>th</sup> November 2009</b><br/> <b>SUBJECT: Advanced Aerospace Designs (AAD) Vigil PSB-5</b></p>  |
| <p><b>Authority</b></p>              | <div data-bbox="547 1335 691 1458" data-label="Image"> </div> <p>Yann Bronnec / Edwin Bollaerts / Jo Smolders<br/> P.R. Manager / Office Manager / Managing Director<br/> <b>AAD sa/nv</b><br/> Bld A.Reyers, 193<br/> 1030 Brussels – Belgium – Europe<br/> +32 2 732 65 52 – Fax : +32 2 736 06 27<br/> <a href="http://www.vigil.aero">www.vigil.aero</a> - <a href="mailto:yann@vigil.aero">yann@vigil.aero</a> - <a href="mailto:info@vigil.aero">info@vigil.aero</a></p> <p><b>Vigil USA LLC</b><br/> 1645 Lexington Avenue<br/> Deland, FL 32724<br/> +386 736 8464 – Fax : +386 736 8468<br/> <a href="http://www.vigil.aero">www.vigil.aero</a> - <a href="mailto:candace@vigil.aero">candace@vigil.aero</a></p> <div data-bbox="555 1749 691 1883" data-label="Image"> </div> <p><b>APF SERVICE BULLETIN No APF091110</b><br/> <b>Issued 10<sup>th</sup> November 2009</b><br/> <b>SUBJECT: Advanced Aerospace Designs (AAD) Vigil PSB-5</b></p>  |

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| <b>Acknowledgement</b> | <p>Thanks to Ms Kim Hardwick, Technical Officer, Australian Parachute Federation for bringing this notice to the attention of the T&amp;S Committee.</p> <p><i>Liam McNulty</i><br/>IPC Technical &amp; Safety Committee<br/>11 November 2009</p> |
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*The Technical & Safety Committee, International Parachuting Commission, can be contacted on e-mail - [lmcnulty@skydiveireland.ie](mailto:lmcnulty@skydiveireland.ie)*

*Liam McNulty, Technical & Safety Committee, International Parachuting Commission.  
11 November 2009*

**List of Vigil II supplied with Cutter DOM: 12-07-2 (mm/yy/batch)**

| Quality Control Gold Hologram | Vigil Serial Number | Quality Control Gold Hologram | Vigil Serial Number |
|-------------------------------|---------------------|-------------------------------|---------------------|
| I215                          | 7163                | M268                          | 10732               |
| I212                          | 7170                | M269                          | 10733               |
| J184                          | 7965                | M270                          | 10734               |
| J167                          | 8019                | M271                          | 10735               |
| J168                          | 8020                | M272                          | 10736               |
| J169                          | 8022                | M273                          | 10737               |
| J187                          | 8025                | M274                          | 10739               |
| L684                          | 9916                | M277                          | 10745               |
| L685                          | 9917                | M278                          | 10746               |
| L688                          | 9922                | M279                          | 10747               |
| L922                          | 10158               | M281                          | 10749               |
| L927                          | 10165               | M282                          | 10750               |
| M141                          | 10593               | M283                          | 10751               |
| M174                          | 10628               | M284                          | 10752               |
| M218                          | 10678               | M285                          | 10753               |
| M221                          | 10681               | P613                          | 10809               |
| M222                          | 10682               | M446                          | 10926               |
| M233                          | 10693               | M462                          | 11013               |
| M239                          | 10701               | M473                          | 11026               |
| M241                          | 10703               | M474                          | 11027               |
| M253                          | 10716               | M489                          | 11042               |
| M254                          | 10717               | M604                          | 11185               |
| M255                          | 10718               | M629                          | 11216               |
| M256                          | 10720               | M737                          | 11357               |
| M257                          | 10721               | M767                          | 11401               |
| M258                          | 10722               | M783                          | 11417               |
| M262                          | 10724               | M956                          | 11661               |
| M261                          | 10725               | N020                          | 11742               |
| M262                          | 10726               | N050                          | 11772               |
| M264                          | 10728               | N061                          | 11783               |
| M265                          | 10729               | N084                          | 11806               |
| M267                          | 10731               | O973                          | 13851               |



**AAD sa/nv**

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**List of Cutters with DOM: 12-07-2 (mm/yy/batch)**

| Quality Control Silver Hologram | Mounted on: | Quality Control Silver Hologram | Mounted on: | Quality Control Silver Hologram | Mounted on: | Quality Control Silver Hologram | Mounted on: |
|---------------------------------|-------------|---------------------------------|-------------|---------------------------------|-------------|---------------------------------|-------------|
| 4860                            | *           | 4903                            | Vigil #7983 | 4956                            |             | 6324                            | *           |
| 4861                            | *           | 4904                            | Vigil #7979 | 4959                            |             | 6325                            | *           |
| 4864                            | *           | 4905                            | Vigil #7988 | 4961                            |             | 6326                            | *           |
| 4866                            | Vigil #4435 | 4908                            | *           | 5082                            |             | 6327                            | *           |
| 4867                            | Vigil #4935 | 4912                            | *           | 5083                            |             | 6328                            | *           |
| 4868                            | *           | 4913                            | *           | 5084                            |             | 6329                            | *           |
| 4870                            | Vigil #7037 | 4914                            | *           | 5088                            |             | 6337                            | *           |
| 4871                            | Vigil #2872 | 4915                            | *           | 5092                            |             | 6338                            | *           |
| 4877                            | *           | 4916                            | *           | 5172                            |             | 6339                            | *           |
| 4878                            | *           | 4922                            | *           | 5173                            |             | 6750                            | *           |
| 4879                            | *           | 4923                            | *           | 5174                            |             | 6760                            | *           |
| 4880                            | *           | 4924                            | *           | 5176                            |             | 6761                            | *           |
| 4881                            | *           | 4926                            | *           | 5177                            |             | 6763                            | *           |
| 4883                            | Vigil #2875 | 4927                            | *           | 5178                            |             | 6810                            | Vigil #7318 |
| 4884                            | Vigil #3475 | 4929                            | *           | 5198                            |             | 6811                            | Vigil #7707 |
| 4885                            | Vigil #4445 | 4930                            | *           | 5394                            |             | 6832                            | *           |
| 4886                            | Vigil #1321 | 4931                            | *           | 5395                            |             | 6834                            | *           |
| 4887                            | Vigil #6973 | 4932                            | Vigil #7519 | 5396                            |             | 6835                            | *           |
| 4888                            | Vigil #7444 | 4933                            | Vigil #7739 | 5397                            |             | 6836                            | *           |
| 4889                            | Vigil #7445 | 4935                            | *           | 5398                            |             | 6837                            | Vigil #7526 |
| 4890                            | Vigil #7563 | 4936                            | Vigil #7683 | 5399                            |             | 6849                            | Vigil #7546 |
| 4891                            | Vigil #3614 | 4937                            | *           | 5405                            |             | 6858                            | Vigil #6937 |
| 4892                            | Vigil #2312 | 4938                            | *           | 5406                            |             | 6861                            | Vigil #7356 |
| 4893                            | *           | 4939                            | *           | 5407                            |             | 6866                            | Vigil #7676 |
| 4894                            | *           | 4940                            | *           | 5408                            |             | 6867                            | *           |
| 4895                            | *           | 4941                            | *           | 5409                            |             | 6868                            | *           |
| 4896                            | *           | 4942                            | *           | 5621                            |             | 6869                            | Vigil #5103 |
| 4897                            | *           | 4943                            | *           | 5639                            |             | 6878                            | Vigil #2145 |
| 4899                            | *           | 4944                            | Vigil #5700 | 5831                            |             | 6879                            | *           |
| 4901                            | Vigil #7985 | 4949                            | *           | 5967                            |             | 7025                            | Vigil #6978 |
| 4902                            | Vigil #7984 | 4954                            | Vigil #4427 | 6323                            |             | 7055                            | *           |



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**Remark \* : No infos received back from distributors or customers.**