

TECHNICAL & SAFETY COMMITTEE
INTERNATIONAL PARACHUTING COMMISSION (FAI)



Technical & Safety Information Notice No.	05/2009	W.N. 26
Date of Issue	11 November 2009	
Subject Matter and Applicability	<p>Vigil Cutters type 3</p> <p>Vigil Product Service Bulletin – PSB-5, issue date 10 October 2009</p> <p>Status: Advisory</p> <p>Identification: Vigil AAD, All Cutters produced in December 2007 Part Number: 9582006 Date of Manufacture: 12 - 07 - 2 (mm/yy/Batch) See Picture 1 below</p> <p>Background: After an activation of the cutter, the cutter body separated from its base. This occurred on the 19th Sept. 2009 in Cerfontaine (Belgium).</p> <p>Service Bulletin: 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. This permitted the internal pressure to move the detonator and its base backwards, instead of pushing the cutter knife forward. 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>This cutter was part of a production batch of 199 pieces, produced in December 2007. 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. 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>Compliance</p>	<p><u>Vigil AAD Advisory Notice states:-</u> Compliance Date: Because of the cutter manufacturers assurances this can be done at the next repack cycle.</p> <p><u>Australian Parachute Federation's position is:-</u> APF SERVICE BULLETIN No APF091110 Issued 10th November 2009 SUBJECT: Advanced Aerospace Designs (AAD) Vigil PSB-5</p> <p>STATUS: MANDATORY APF POLICY: 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>Concerned Publications</p>	<p>Vigil Product Service Bulletin – PSB-5, issue date 10 October 2009</p> <p>See Tables on Pages 5/6 of this Information Notice for lists:- <i>List of Vigil II supplier with Cutter DOM: 12-07-2 (mm/yy/batch)</i> <i>List of Cutters with DOM: 12-07-2 (mmyy/batch)</i></p> <p>APF SERVICE BULLETIN No APF091110 Issued 10th November 2009 SUBJECT: Advanced Aerospace Designs (AAD) Vigil PSB-5</p>
<p>Authority</p>	<div data-bbox="558 1268 701 1398" data-label="Image"> </div> <p>Yann Bronnec / Edwin Bollaerts / Jo Smolders P.R. Manager / Office Manager / Managing Director AAD sa/nv Bld A.Reyers, 193 1030 Brussels – Belgium – Europe +32 2 732 65 52 – Fax : +32 2 736 06 27 www.vigil.aero - yann@vigil.aero - info@vigil.aero</p> <p>Vigil USA LLC 1645 Lexington Avenue Deland, FL 32724 +386 736 8464 – Fax : +386 736 8468 www.vigil.aero - candace@vigil.aero</p> <div data-bbox="565 1696 704 1835" data-label="Image"> </div> <p>APF SERVICE BULLETIN No APF091110 Issued 10th November 2009 SUBJECT: Advanced Aerospace Designs (AAD) Vigil PSB-5</p>

Acknowledgement	Thanks to Ms Kim Hardwick, Technical Officer, Australian Parachute Federation for bringing this notice to the attention of the T&S Committee. <i>Liam McNulty</i> IPC Technical & Safety Committee 11 November 2009
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The Information Notices may result from:-

- 1 An incident or experience in the field being reported.**
- 2 A directive or notice issued by an aviation or government authority concerning parachuting operations or parachuting equipment.**
- 3 The issue of a notice by a manufacturer or by a National Parachuting Organisation.
In the case of equipment being the subject of the bulletin the reader is advised to check with the manufacturer regarding the current status or position of that equipment.**

Technical & Safety Committee of IPC, IPC and FAI accept no liability for the use or misuse of any information contained in this Information Notice. The reader assumes all liability.

The Technical & Safety Committee, International Parachuting Commission, can be contacted on e-mail - 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
M260	10724	M956	11661
M261	10725	N020	11742
M262	10726	N050	11772
M264	10728	N061	11783
M265	10729	N084	11806
M267	10731	O973	13851



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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	Vigil #4999	6324	*
4861	*	4904	Vigil #7979	4959	*	6325	*
4864	*	4905	Vigil #7988	4961	Vigil #7992	6326	*
4866	Vigil #4435	4908	*	5082	Vigil #5482	6327	*
4867	Vigil #4945	4912	*	5083	Vigil #7708	6328	*
4868	*	4913	*	5084	*	6329	*
4870	Vigil #7037	4914	*	5088	Vigil #5413	6337	*
4871	Vigil #2872	4915	*	5092	*	6338	*
4877	*	4916	*	5172	*	6339	*
4878	*	4922	*	5173	*	6750	*
4879	*	4923	*	5174	*	6760	*
4880	*	4924	*	5176	Vigil #7461	6761	*
4881	*	4926	*	5177	Vigil #2603	6763	*
4883	Vigil #2875	4927	*	5178	Vigil #6060	6810	Vigil #7318
4884	Vigil #3475	4929	*	5198	*	6811	Vigil #7707
4885	Vigil #4445	4930	*	5394	*	6832	*
4886	Vigil #1321	4931	*	5395	Vigil #4848	6834	*
4887	Vigil #6973	4932	Vigil #7519	5396	Vigil #6539	6835	*
4888	Vigil #7444	4933	Vigil #7739	5397	Vigil #7168	6836	*
4889	Vigil #7445	4935	*	5398	Vigil #7177	6837	Vigil #7526
4890	Vigil #7563	4936	Vigil #7683	5399	Vigil #6495	6849	Vigil #7546
4891	Vigil #3614	4937	*	5405	Vigil #3500	6858	Vigil #6837
4892	Vigil #2312	4938	*	5406	Vigil #7185	6861	Vigil #7356
4893	*	4939	*	5407	Vigil #7178	6866	Vigil #7676
4894	*	4940	*	5408	Vigil #7169	6867	*
4895	*	4941	*	5409	Vigil #4923	6868	*
4896	*	4942	*	5621	*	6869	Vigil #5103
4897	*	4943	*	5639	Vigil #4073	6878	Vigil #2145
4899	*	4944	Vigil #5700	5831	Vigil #4202	6879	*
4901	Vigil #7985	4949	*	5967	Vigil #5200	7025	Vigil #6978
4902	Vigil #7984	4954	Vigil #4427	6323	*	7055	*



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