

# TECHNICAL & SAFETY COMMITTEE

## INTERNATIONAL PARACHUTING COMMISSION (FAI)



<p><b>Technical &amp; Safety Information Notice No.</b></p>	<p><b>4/2013</b> SUPPLIER/VENDOR RECALL OF PS70104 HOUSINGS (METAL FLEX HOSING INC) ALLJA101---XX HARNESS CONTAINER ASSEMBLIES (JAVELIN ODYSSEY) WITH METAL FLEX HOUSING BATCH # 33234A AND 33227, 375ID PS70104 HOUSINGS. <b>W.N. 46</b></p>																																																																																																																														
<p><b>Date of Issue</b></p>	<p><b>23 May 2013</b></p>																																																																																																																														
<p><b>Subject Matter and Applicability</b></p>	<p><b>SUN PATH SERVICE BULLETIN SPSB009</b></p> <p><b>DATE:</b> May 23, 2013</p> <p><b>SERVICE BULLETIN # SPSB009</b></p> <p><b>SUBJECT:</b> SUPPLIER/VENDOR RECALL OF PS70104 HOUSINGS (METAL FLEX HOSING INC)</p> <p><b>STATUS:</b> MANDATORY INSPECTION AND REPLACEMENT OF RECALLED HOUSINGS.</p> <p><b>IDENTIFICATION:</b> ALL JA101---XX HARNESS CONTAINER ASSEMBLIES (JAVELIN ODYSSEY) WITH METAL FLEX HOUSING BATCH # 33234 A AND 33227, .375ID PS70104 HOUSINGS. SEE SERIAL NUMBER LIST BELOW.</p> <table border="1" data-bbox="539 1346 1362 1957"> <tr><td>38159</td><td>38899</td><td>38945</td><td>38979</td><td>39013</td><td>39037</td><td>39058</td></tr> <tr><td>38231</td><td>38900</td><td>38946</td><td>38980</td><td>39014</td><td>39038</td><td>39060</td></tr> <tr><td>38453</td><td>38901</td><td>38947</td><td>38982</td><td>39021</td><td>39039</td><td>39061</td></tr> <tr><td>38523</td><td>38902</td><td>38953</td><td>38984</td><td>39022</td><td>39040</td><td>39063</td></tr> <tr><td>38589</td><td>38903</td><td>38959</td><td>38985</td><td>39023</td><td>39041</td><td>39064</td></tr> <tr><td>38753</td><td>38904</td><td>38960</td><td>38986</td><td>39024</td><td>39042</td><td>39066</td></tr> <tr><td>38799</td><td>38905</td><td>38961</td><td>38987</td><td>39025</td><td>39043</td><td>39070</td></tr> <tr><td>38800</td><td>38906</td><td>38963</td><td>38988</td><td>39026</td><td>39044</td><td>39076</td></tr> <tr><td>38860</td><td>38907</td><td>38964</td><td>38989</td><td>39027</td><td>39045</td><td>39083</td></tr> <tr><td>38890</td><td>38908</td><td>38967</td><td>38990</td><td>39028</td><td>39046</td><td>39087</td></tr> <tr><td>38891</td><td>38909</td><td>38968</td><td>38991</td><td>39029</td><td>39047</td><td>39089</td></tr> <tr><td>38892</td><td>38910</td><td>38970</td><td>38992</td><td>39030</td><td>39048</td><td>39118</td></tr> <tr><td>38893</td><td>38912</td><td>38971</td><td>38993</td><td>39031</td><td>39049</td><td>39165</td></tr> <tr><td>38894</td><td>38913</td><td>38972</td><td>38994</td><td>39032</td><td>39050</td><td>39419</td></tr> <tr><td>38895</td><td>38923</td><td>38973</td><td>38995</td><td>39033</td><td>39051</td><td>39499</td></tr> <tr><td>38896</td><td>38924</td><td>38975</td><td>38996</td><td>39034</td><td>39054</td><td>39527</td></tr> <tr><td>38897</td><td>38925</td><td>38976</td><td>38997</td><td>39035</td><td>39055</td><td></td></tr> <tr><td>38898</td><td>38943</td><td>38978</td><td>38999</td><td>39036</td><td>39056</td><td></td></tr> </table>	38159	38899	38945	38979	39013	39037	39058	38231	38900	38946	38980	39014	39038	39060	38453	38901	38947	38982	39021	39039	39061	38523	38902	38953	38984	39022	39040	39063	38589	38903	38959	38985	39023	39041	39064	38753	38904	38960	38986	39024	39042	39066	38799	38905	38961	38987	39025	39043	39070	38800	38906	38963	38988	39026	39044	39076	38860	38907	38964	38989	39027	39045	39083	38890	38908	38967	38990	39028	39046	39087	38891	38909	38968	38991	39029	39047	39089	38892	38910	38970	38992	39030	39048	39118	38893	38912	38971	38993	39031	39049	39165	38894	38913	38972	38994	39032	39050	39419	38895	38923	38973	38995	39033	39051	39499	38896	38924	38975	38996	39034	39054	39527	38897	38925	38976	38997	39035	39055		38898	38943	38978	38999	39036	39056	
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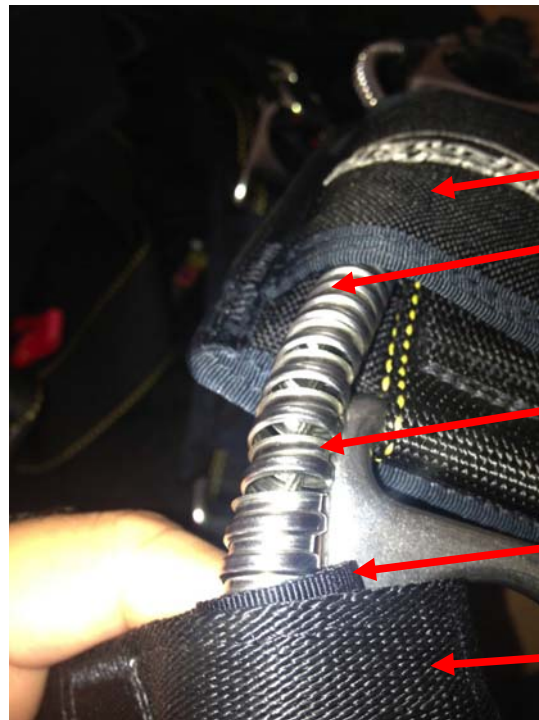
**BACKGROUND:** Metal Flex Hosing (supplier of flexible metal housings) has recalled 195 total PS70104 .375" ID SS housings due to the ability of the coil to separate.

155 of these housings were received by Sun Path Products, Inc., 124 of which were installed in harness container assemblies, 27 pulled from inventory prior to use and 4 damaged/discarded.

*(Note: this is not a failure mode. Separating of the coil does not impede normal operation or function of the system).*

**SERVICE BULLETIN: MANDATORY INSPECTION (COMPLIANCE WITH METAL FLEX HOISING MATERIAL RECALL)**

**Who can inspect:** Anyone can inspect this area.  
See photos below.



**WEARER'S LEFT SIDE**

**Ring Cover**

**Reserve Ripcord Housing (Lower End)**

**Separated Housing (for reference)**

**Chest Strap Buffer**

**Chest Strap**

**What to inspect:** All JA101--XX harness container systems listed in table above. Inspect Reserve Ripcord housing.

**PROCEDURE:** If the serial number is listed in the above table, inspect the available exposed reserve ripcord housing. Locate the lower end of the housing, which is clamped to the Main Lift Web, just above the reserve ripcord pocket. Inspect the exposed length of housing from the clamp upwards; ensure that the coil has not separated/unraveled. Be sure to inspect the section that is routed through the chest strap.

**Inspection Results:**

A. HOUSING FOUND TO BE INTACT (GOOD):

The rig may continue to be jumped with periodic monitoring until the next repack cycle or earlier elective replacement. However this housing must be replaced at the next repack cycle.

	<p>See <a href="http://www.sunpath.com/support/HousingReplacement.pdf">http://www.sunpath.com/support/HousingReplacement.pdf</a> for instructions for your rigger to complete the replacement of the housing.</p> <p><b>B. HOUSING FOUND TO BE SEPERATED/UNRAVELLED (BAD):</b> The housing must be replaced before the next jump by a certificated senior or master parachute rigger (or foreign equal) or the manufacturer. See <a href="http://www.sunpath.com/support/HousingReplacement.pdf">http://www.sunpath.com/support/HousingReplacement.pdf</a> for instructions for your rigger to complete the replacement of the housing or instructions to send your system back to the manufacturer.</p> <p><b>Resolution:</b></p> <p><b>A: Housing is intact and will be monitored and replaced at the inspection/repack cycle.</b></p> <ol style="list-style-type: none"> <li>NOTE ON PACKING DATA CARD, <b>SPSB009 COMPLETED</b></li> <li>AT TIME OF REPLACEMENT, FILL OUT WEB FORM AND SUBMIT at <a href="http://www.sunpath.com/Metal---FlexRecall.html">http://www.sunpath.com/Metal---FlexRecall.html</a> and add “--Replaced “ after SPSB009 COMPLETED from step 1 above.</li> <li>NO FURTHER ACTION REQUIRED</li> </ol> <p><b>B. HOUSINGS ARE SEPERATED/UNRAVELLED:</b></p> <ol style="list-style-type: none"> <li>GO TO <a href="http://www.sunpath.com/support/HousingReplacement.pdf">http://www.sunpath.com/support/HousingReplacement.pdf</a> FOR FURTHER INSTRUCTIONS ON REPLACEMENT OF THE SUBJECT HOUSINGS.</li> <li>AT TIME OF REPLACEMENT, FILL OUT WEB FORM AND SUBMIT at <a href="http://www.sunpath.com/Metal---FlexRecall.html">http://www.sunpath.com/Metal---FlexRecall.html</a>; NOTE ON PACKING DATA CARD AND RIGGER LOG BOOK, <b>SPSB009 COMPLETED--REPLACED.</b></li> <li>NO FURTHER ACTION REQUIRED.</li> </ol> <p><b>COMPLIANCE DATE: INSPECTION BEFORE NEXT JUMP (BY ANYONE) AND MANDATORY HOUSING REPLACEMENT AT NEXT REPACK CYCLE BY FAA SENIOR OR MASTER PARACHUTE RIGGER OR FOREIGN EQUAL.</b></p>
<b>Compliance</b>	<b>INSPECTION BEFORE NEXT JUMP (BY ANYONE) AND MANDATORY HOUSING REPLACEMENT AT NEXT REPACK CYCLE BY FAA SENIOR OR MASTER PARACHUTE RIGGER OR FOREIGN EQUAL.MANDATORY INSPECTION AND REPLACEMENT OF RECALLED HOUSINGS.</b>
<b>Concerned Publication</b>	<b>Sun Path Service Bulletin # SPSB009 dated 20 May 2013.</b>
<b>Authority</b>	<p><b>AUTHORITY:</b>  DAVID L. SINGER  Sun Path Products, Inc.  Director of Engineering  404 West Edinborough Ave., Raeford, NC 28376, USA  Telephone: 910---875---9002  FAX: 910---875---9272</p>

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PHILADELPHIA, PA 19124



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**METAL-FLEX HOISING**  
INCORPORATED  
ENGINEERING & MANUFACTURING

TO: Sun Path Products  
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RaeFord, NC 28376

TO: Cimsa  
P.I.ELRAMASSAR-C/VALLES  
08520 LAS FRANQUESAS  
BARCELONA, SPAIN

May 13,2013

**RE: Material Recall**

To Whom it May Concern,

Sun Path Products informed Metal Flex Hosing that PS 70104-19" Parachute Ripcord Housing is unraveling. Metal Flex Hosing has done a complete investigation on the material and found it was sold too, two(2) of our customers. At this point it is in the best interest concerning all that is involved to RECALL the material. A small quantity of the material was purchased by Metal Flex Hosing and has traceability for all that has been sold. At this point we are confident no other customers have been affected by this material. Metal Flex Hosing sincerely apologizes for the inconvenience and assures the situation has been handled in a professional manner. We will do all that is necessary to get the material replaced ASAP.

Sun Path Products: Purchase order Number 33234 Lot Number A \* 125 pcs \* 19"

Sun Path Products: Purchase Order Number 33227 \* 30 pcs \* 17"

CIMSA: Purchase Order Number 2012000106\* 40 pcs \* 33-15/32

If you have any questions regarding this issue you may contact Mary Carroll and or Raymond Arzounian.

Thanks to Ms Kim Hardwick, Technical Officer, Australian Parachute Federation, for bringing this Service Bulletin to the attention of the IPC T&S Committee.

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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.  
27 May 2013*