

Serviceordre – Materiell

Materiellsjef F/NLF kommuniserer pålegg omkring forhold som ansees som vesentlige for å oppnå de målsettinger som er satt for materiellarbeidet via denne Service ordre. Målgruppen for Serviceordre er Materiellkontrollører, Hovedinstruktører og andre nøkkelpersoner i miljøet.

SERVICEORDRE – 2013-4

HENVISNING:	Sun Path Service bulletine#SPSB009
FORMÅL:	Kontrollere at kabelføringen for reservewiren er hel/uskadet.
STATUS:	Obligatorisk før neste hopp.
IDENTIFIKASJON:	124 stk JA101-XX Sun Path Javelin Odyssey rigger mellom serienummer 38159 og 39527. For detaljerte nummer, se SPSB009 som ligger vedlagt i denne SO (side 2).
BAKGRUNN:	Sun Path har oppdaget at enkelte kabelføringer har delt seg opp slik at de ikke slutter tett opp rundt deler av wiren. Se denne SO side 3.
SERVICE:	Alle rigger som er angitt med serienummer på side 2 i denne SO.
UTFØRELSE:	<p>Inspeksjonen utføres i henhold til SPSB009, se nedenfor. Kontrollen utføres av MK eller høyere.</p> <p>Dersom kabelføringen viser seg å være i orden kan det hoppes med riggen inntil neste hovedkontroll. I såfall skal kabelføringen inspiseres jevnlig. Når kontrollen er utført og alt funnet i orden, skal kontrollkortet merkes med: «SO 2013-4 kabelføring kontrollert».</p> <p>Dersom kablene viser seg å være ødelagt skal kabelføringen byttes før neste hopp. For å utføre dette se vedlagte housing replacement instruksjon fra SunPath. Dersom kontrollen viser at kabelføringen må byttes og dette er gjort, skal kontrollkortet merkes med: «SO 2013-4 kabelføring byttet». Samme kjennelse settes på rigger som skal ha byttet kabelføring ved neste hovedkontroll (se ovenfor).</p>
DISTRIBUSJON:	Klubber Hovedinstruktører Materiellkontrollører SU Sky Design F/NLFs Internet sider Hærens Jegerkommando Luftfartstilsynet

Oslo, 27. mai 2013

Rolf I Sotberg
materiellsjef F/NLF

SERVICE BULLETIN SPSB009

DATE: May 23, 2013

SERVICE BULLETIN# SPSB009

OF PAGES: 4

SUBJECT: SUPPLIER/VENDOR RECALL OF PS70104 HOUSINGS (METAL FLEX HOISING INC)

STATUS: MANDATORY INSPECTION AND REPLACEMENT OF RECALLED HOUSINGS

IDENTIFICATION:

ALL JA101-XX HARNESS CONTAINER ASSEMBLIES (JAVELIN ODYSSEY) WITH METAL FLEX HOISING BATCH # 33234 A AND 33227, .375ID PS70104 HOUSINGS. SEE SERIAL NUMBER LIST BELOW.

38159	38891	38901	38912	38959	38973	38987	38997	39027	39037	39047	39061	39165
38231	38892	38902	38913	38960	38975	38988	38999	39028	39038	39048	39063	39419
38453	38893	38903	38923	38961	38976	38989	39013	39029	39039	39049	39064	39499
38523	38894	38904	38924	38963	38978	38990	39014	39030	39040	39050	39066	39527
38589	38895	38905	38925	38964	38979	38991	39021	39031	39041	39051	39070	
38753	38896	38906	38943	38967	38980	38992	39022	39032	39042	39054	39076	
38799	38897	38907	38945	38968	38982	38993	39023	39033	39043	39055	39083	
38800	38898	38908	38946	38970	38984	38994	39024	39034	39044	39056	39087	
38860	38899	38909	38947	38971	38985	38995	39025	39035	39045	39058	39089	
38890	38900	38910	38953	38972	38986	38996	39026	39036	39046	39060	39118	

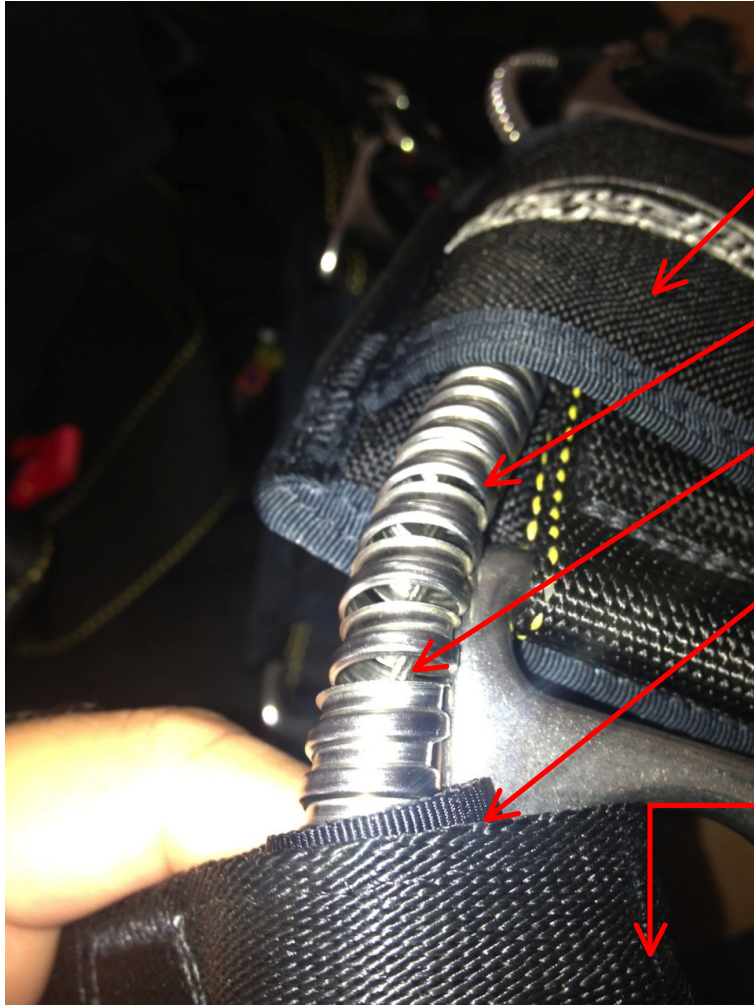
BACKGROUND:

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)

SERVICE BULLETIN SPSB009

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



WEARERS LEFT SIDE:

RING COVER

RESERVE RIPCORD HOUSING (LOWER END)

SEPERATED 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. See <http://www.sunpath.com/support/HousingReplacement.pdf> for instructions for your rigger to complete the replacement of the housing.

SERVICE BULLETIN SPSB009

B. HOUSING FOUND TO BE SEPERATED/UNRAVELLED (BAD): The housing must be replaced before the next jump by a certificated senior or master parachute rigger (or foreign equal) or the manufacturer. See <http://www.sunpath.com/support/HousingReplacement.pdf> for instructions for your rigger to complete the replacement of the housing or instructions to send your system back to the manufacturer.

Resolution:

A: Housing is intact and will be monitored and replaced at the inspection/repack cycle.

1. NOTE ON PACKING DATA CARD, **SPSB009 COMPLETED**
2. AT TIME OF REPLACEMENT, FILL OUT WEB FORM AND SUBMIT at <http://www.sunpath.com/Metal-FlexRecall.html> and add “*-Replaced*” after SPSB009 COMPLETED from step 1 above.
3. NO FURTHER ACTION REQUIRED

B. HOUSINGS ARE SEPERATED/UNRAVELLED:

1. GO TO <http://www.sunpath.com/support/HousingReplacement.pdf> FOR FURTHER INSTRUCTIONS ON REPLACEMENT OF THE SUBJECT HOUSINGS.
2. AT TIME OF REPLACEMENT, FILL OUT WEB FORM AND SUBMIT at <http://www.sunpath.com/Metal-FlexRecall.html>; NOTE ON PACKING DATA CARD AND RIGGER LOG BOOK, **SPSB009 COMPLETED-REPLACED.**
3. NO FURTHER ACTION REQUIRED.

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.

AUTHORITY:

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

DISTRIBUTION:

1. All Sun Path Products Dealers
2. PIA Technical Committee
3. PIA Rigging Committee
4. National Aero Clubs, Parachuting Section
5. All Parachuting publications
6. Military Parachute Organizations
7. FAA MIDO SAVANNA
8. FAA FISDO, GREENSBORO, NC
9. FAA ACO, ATLANTA, GA
10. DGAC, FRANCE

SERVICE BULLETIN SPSB009

1241 E. ERIE AVENUE
PHILADELPHIA, PA 19124



215-535-6868
FAX: 215-288-9986

METAL-FLEX HOISING INCORPORATED ENGINEERING & MANUFACTURING

TO: Sun Path Products
404 W. Edinborough Avenue
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.

SUN PATH PRODUCTS

Work Instruction # 171

Replacement of Javelin Odyssey reserve ripcord housing

Introduction: The following work instruction and [VIDEO](#) are to assist you in replacing the Javelin Odyssey reserve ripcord housing.

If your container system needs to be returned to Sun Path Products, please contact our shipping department for account information and details.

When all work is done please complete the Web Form located at:

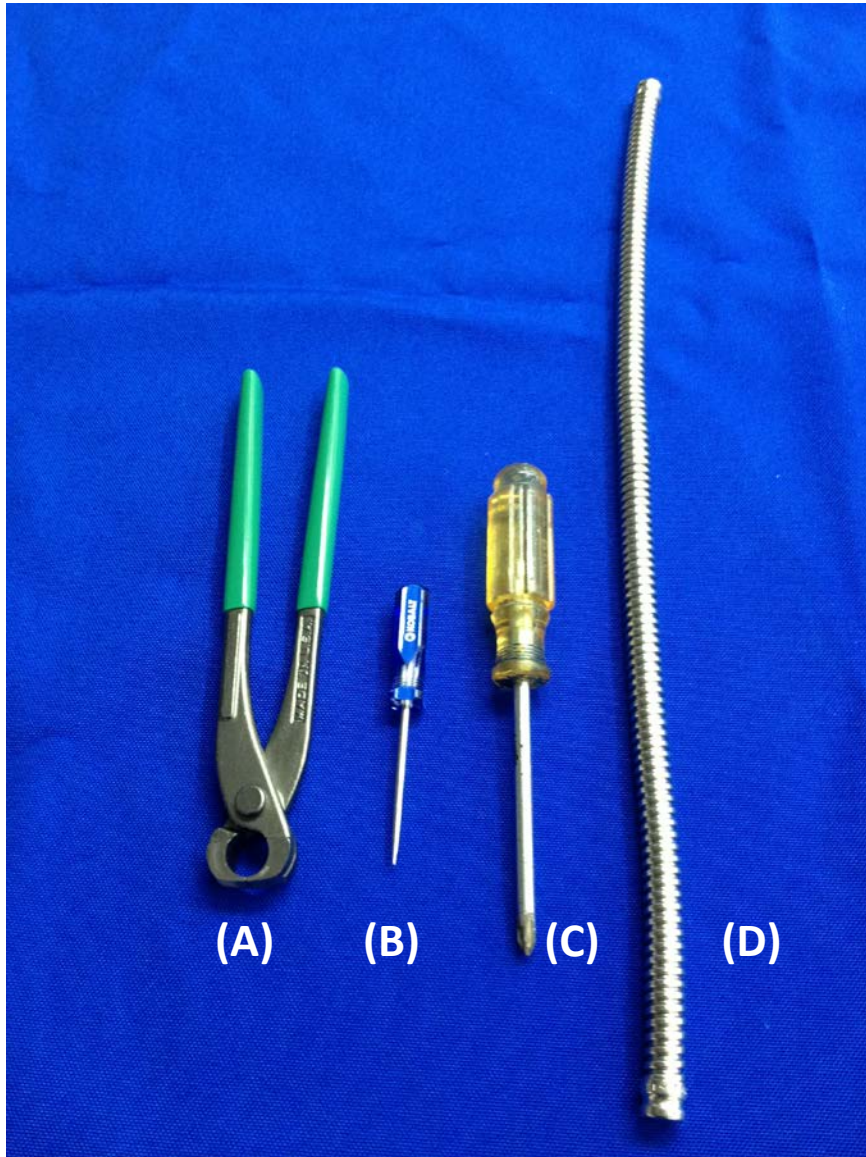
<http://www.sunpath.com/Metal-FlexRecall.html>

Please fill out the packing data card with the following information: **SPSB009 COMPLETED-REPLACED.**

Sun Path will compensate the rigger with a \$35.00 credit on their Sun Path account or with a pre-paid Visa card.

**IF YOU ARE NOT THE RIGGER OF THE CURRENT PACK
JOB, YOU MUST RE-PACK THE RESERVE.**

Required tools and replacement housing



- (A) Oetiker Clamp tool
- (B) 6" hardened steel pick with rounded point
- (C) Screwdriver sufficient to be inserted into housing and provide leverage
- (D) New replacement housing from Sun Path Products Inc.

Refer to video for temp pinning instructions

Important

Repetitively opening and closing the clamp may cause the clamp to distort. The Oetiker clamp will then need to be replaced by Sun Path Products Inc. or a Master Rigger.

- 1) Remove reserve ripcord and cover exposed hook velcro on the handle.



2) Insert the pick into the pinch of the Oetiker Clamp, be careful not to damage the Spectra line . Insert screwdriver into reserve housing see pic (B).

(A)



(B)



3) Hold the screwdriver in the reserve housing firmly , and gently start to open the Oetiker clamp by prying the pick back and forth until the reserve housing is loose. See page (6)



4) Loose Oetiker Clamp



5) Push reserve ripcord housing up inside the ring cover, to expose the opposite end.



6) Opposite end



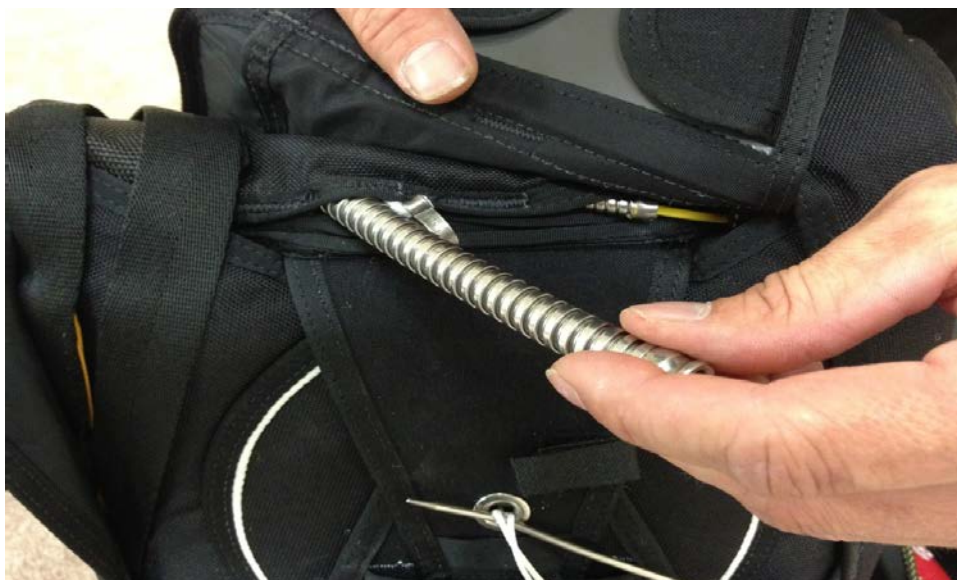
7) Repeat procedure from page 5 step 3



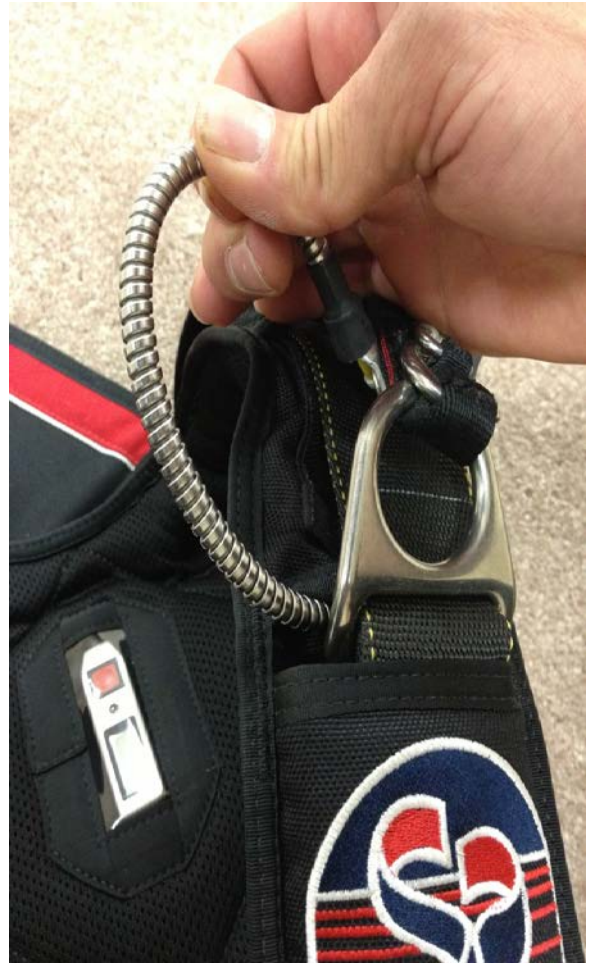
8) Remove Oetiker Clamp from reserve ripcord housing



9) Gently remove reserve ripcord housing from system and DISCARD



10) Pull left side cutaway housing from ring cover as shown



Install new reserve ripcord housing.

- 11) Start by sliding the reserve ripcord housing under the ring cover. **Important:** Route the housing under the cutaway housing during installation.



Important: Be careful not to damage Spectra when re-clamping

12) Install end of housing into Oetiker Clamp, then re-clamp with Oetiker Clamping tool as shown



13) Pull the slack out of reserve ripcord housing as shown



14) Insert reserve housing through the buffer on chest strap, then insert housing into Oetiker clamp



15) Re-clamp with Oetiker clamping tool as shown.



16) Re-install reserve ripcord and close container. Refer to SPSB0009 video instructions.

17) Check all work is correct

End of work instruction