

# 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 Serviceordre. Målgruppen for Serviceordre er Materiellkontrollører, Hovedinstruktører og andre nøkkelpersoner i miljøet.

## **SERVICEORDRE – 2014-1**

|                        |  |
|------------------------|--|
| <b>HENVISNING:</b>     | Sun Paths product improvement instruction  |
| <b>FORMÅL:</b>         | Bytte til split Collin Lanyard RSL   |
| <b>STATUS:</b>         | <b>Obligatorisk ved hovedkontroll og alle rigger skal ha dette montert ved hopping etter 01.01.2015.</b>   |
| <b>IDENTIFIKASJON:</b> | Alle Javelin Odyssey rigger utstyrt med skyhook.   |
| <b>BAKGRUNN:</b>       | Det vises til Sunpaths melding, som ligger vedlagt, om oppgradering/forbedring som anbefales gjennomført på alle Javelin Odyssey med skyhook. MSJ har besluttet å gjøre anbefalingen obligatorisk.   |
| <b>SERVICE:</b>        | Sunpath Javelin Odyssey med skyhook skal bytte til splittet Collins Lanyard i henhold til anbefalingen fra Sun Path sin instruksjon som også ligger vedlagt.   |
| <b>UTFØRELSE:</b>      | <p>Byttet til split Collins Lanyard skal utføres i henhold til vedlagt beskrivelse fra produsenten. Modifikasjonen utføres av MK/MR. Når modifikasjonen er utført merkes kontrollkortet med SO 2014-1 gjennomført.</p> <p>Ved bestilling så må riggens serienummer og størrelse på yoken oppgis. For bestilling av splittet Collins Lanyard:</p> <p><a href="https://adobeformscentral.com/?f=-DbUqj92bKqCKepku-YZgg#">https://adobeformscentral.com/?f=-DbUqj92bKqCKepku-YZgg#</a></p> <p>Sun Path instruksjon:<br/><a href="http://sunpath.com/products/scl.pdf">http://sunpath.com/products/scl.pdf</a></p> |
| <b>DISTRIBUSJON:</b>   | Klubber<br>Hovedinstruktører<br>Materiellkontrollører<br>SU<br>Sky Design<br>F/NLFs Internet sider<br>Hærens Jegerkommando<br>Luftfartstilsynet  |

**Oslo, 16. januar 2014**

**Eirik Breen**  
materiellsjef F/NLF



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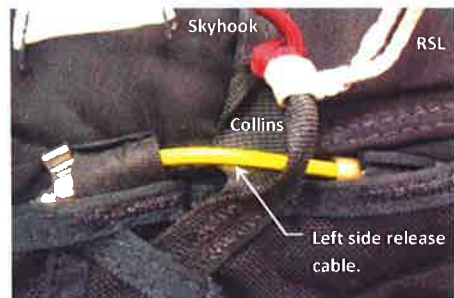
## SUN PATH PRODUCTS INC. PRODUCT IMPROVEMENT NOTICE

January 9, 2014

For some time there have been many reports from around the world of AADs firing as a result of low main canopy deployments. If the jumper deploys their main canopy too close to the AAD's firing altitude, a dangerous two-out canopy situation may result. A MARD system, such as the Skyhook, can make this situation better, worse, or make no difference at all. Much depends upon the exact timing of the AAD activation and how this situation is handled by the jumper under canopy.

Sun Path Products Inc. licenses the Skyhook MARD System from United Parachute Technologies (UPT), please refer to ***UPT Product Improvement Notice*** - dated 20 January 2009 for more information on these scenarios.

An integral component to the Skyhook MARD System is the Collins Lanyard. Its sole purpose is to release the left main riser in the event the right main (*RSL side*) riser breaks, activating the reserve. Originally, all Skyhook-Equipped Javelin Odyssey Systems had an RSL lanyard that shared all three (3) functions (*RSL, Skyhook and Collins Lanyard*) all connecting from that same position. In 2009, UPT separated the Collins Lanyard function from this location attaching it at a lower position some distance away from the RSL and Skyhook lanyards.



We have evaluated the use of the "Split Collins Lanyard" and have concluded that this improvement will minimize the likelihood of an accidental left-side cutaway during certain malfunction scenarios. Therefore Sun Path Products has now issued this "***Product Improvement Notice***" in reference to the "Split Collins Lanyard," which is easily installed to the Javelin Odyssey's existing Skyhook RSL Lanyard.

All new Skyhook-equipped sport Javelin Odyssey Harness/Containers shipped after January 9, 2014 will now be equipped with a "Split Collins Lanyard" Reserve Static Line. The new Split Collins Lanyard will also be available to all owners of existing Skyhook-equipped Javelin Odyssey Systems (Sport and Military) free of charge. Please contact your dealer or Sun Path Products for more information. Please have your serial number and yoke size available when inquiring. [For your convenience we have set up an on line form for ordering.](#)

The addition of the new Split Collins Lanyard to existing Skyhook-equipped Javelin Odysseys in-the-field takes only a few minutes by a certified rigger and does not require the use of any special tools. Follow the [Field Installation Instructions](#). **NOTE:** These new "Split Collins Lanyard Instructions" supersedes all previous Sun Path Products Inc. Skyhook/Collins Lanyard Instructions from the "Javelin Odyssey Owner's Manual Feb 2007."



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## SPLIT COLLINS LANYARD INSTALLATION INSTRUCTIONS



**NOTE:**

The Following Split Collins Lanyard Instructions Supersedes all Previous Skyhook/Collins Lanyard Instructions from the "Javelin Odyssey Owner's Manual Feb 2007."

The following are intended to instruct FAA Licensed Senior Riggers and Foreign Equivalents in the installation of the Split Collins Lanyard onto a Skyhook equipped Javelin Odyssey/Student Odyssey harness/container system. This procedure can be easily done while the reserve is packed and the main canopy unpacked.

**Collins Lanyard Sizes:**

P/N COLLINSLAN-OA- 10  $\frac{3}{8}$ " (265mm)

P/N COLLINSLAN-B - 11  $\frac{3}{8}$ " (288mm)

P/N COLLINSLAN-C - 12  $\frac{5}{8}$ " (322mm)

P/N COLLINSLAN-D - 14  $\frac{3}{8}$ " (365mm)

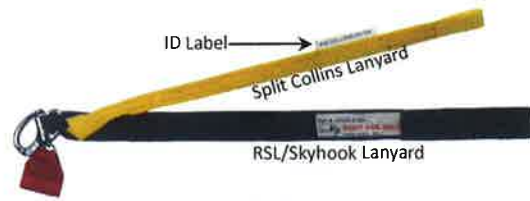


Fig. 1

**STEP 1.**

Open the Reserve Pin Cover and right Riser Cover. Then completely remove the left side release cable at the Collins/RSL Lanyard. (Fig. 1)



**STEP 2.**

Slide the reserve riser to the outboard side then completely remove the RSL lanyard from its channel beneath the reserve risers. (Fig. 2)



Fig. 2

**STEP 3.**

Attach the Split Collins Lanyard to the RSL Lanyard with a Larks Head knot ensuring the positioning is **exactly** as shown. Cinch tightly. (Fig's. 3-4)

Ensure compatibility by confirming the Yellow Collins lanyard is  $\frac{3}{8}$ " ( $\pm 1/4$  in) 10 mm ( $\pm 5$ mm) **shorter** than the black RSL Lanyard. (Fig. 5)



Fig. 5

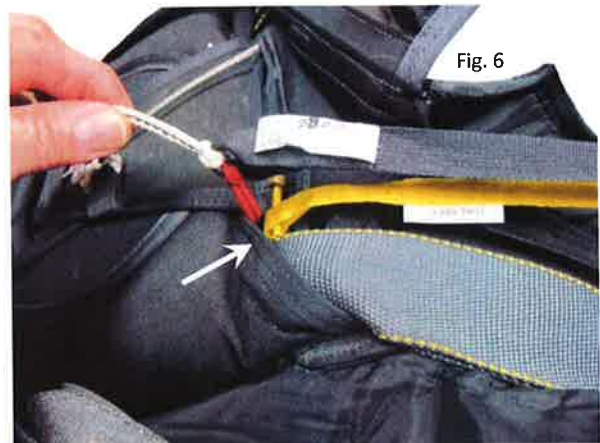


**STEP 4.**

Thread the left side release cable **under** the black RSL lanyard and then **through** the yellow Collins Lanyard. Continue routing the long side release cable into the remainder of the release housing. (Fig. 6)

**NOTE:**

Ensure that the release cable is not passing through the reserve toggle or the loop in the black RSL lanyard.

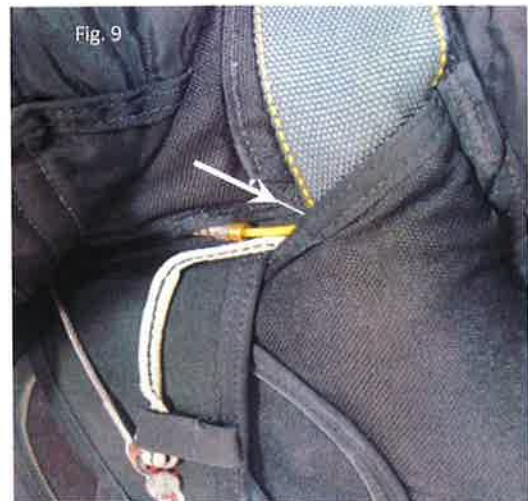


**STEP 5.**

Position the Yellow Collins lanyard to the **outside** and **under** the black RSL lanyard, then return both lanyards back to their retaining channel. (Fig's. 7-8)



**STEP 6.**  
Neatly tuck the three (3) Lanyard junctions under the reserve riser. (Fig. 9)



**STEP 7.**  
Pull tension on the snap shackle end of the lanyard assembly to remove any slack in the opposite end. (Fig. 10)



**STEP 8.**  
Reassemble the left side 3-Ring Riser, close the Riser Covers and Reserve Pin Cover. (Fig. 11)



•End of Instructions•