



ÖSTERREICHISCHER AERO-CLUB

SEKTION FAA Blattgasse 6, A-1030 WIEN

Sicherheitsmitteilung
SM 170601

Datum: 07.06.2017

Bezug:

Einbau und Kontrolle von Soft-Links
(DFV, **Verband unabhängiger Prüfer von Luftsportgerät e. TM06/2017**)

Betroffene Muster: alle Systeme - Soft Links aller Hersteller

Status: fortlaufend

Grund: wiederholte Meldungen über den falschen Einbau von Soft-Links

Es kam in Österreich auch zu dem Vorfall, dass mehrere Links der Reserve verdreht eingehängt wurden, jedoch die äußeren Leinen jeweils „Frei“ und „Korrekt“ verliefen

Maßnahme:

Es sollten alle Softlinks vor dem nächsten Packen, vorsorglich auf Zustand und Funktionalität geprüft werden. Bei der wiederkehrenden Inspektion auch wiederholt Augenmerk auf den freien Verlauf der Leinen und richtig montierte Softlinks, als auch Hard Links, legen. Zur Prüfung zugelassener Links, muss die originale Einbauanleitung vorliegen.

Hierbei ist die Herstelleranweisung zu beachten!

Es sollten das 4-Augenprinzip zur Kontrolle angewendet werden.

Unabhängig davon kann es nicht schaden, auch eine Kontrolle der Hard-Links durchzuführen.

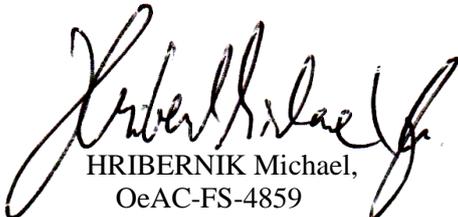
Generell sollten Soft-Links nach den ersten Sprüngen auf den korrekten Sitz geprüft werden und je nach Hersteller bei Bedarf fixiert werden. Der Austausch hat gleichzeitig mit dem Leinenwechsel (400-600Sprünge je nach Leinentype) oder nach Zustand zu erfolgen, auch hier gilt die Herstellerangaben zu beachten!

Die Ringe der Softlinks sind nicht als Führungsringe der Steuerleine zu verwenden!

Im Anhang einige Anleitungen zum Einbau von Softlinks, auch ein englischsprachiges Dokument zum Identifizieren verschiedener Softlinks wird mitgesandt, bzw. ist unter mikeskydive@gmx.at (Betreff Softlink Identifizierer) zu erhalten, hat jedoch nur informellen Charakter!

Verteiler: Systembetreuer, Vereine/Clubs/Schulen, Sektionsleiter, Händler,

FAA Österreichischer Aeroclub


HRIBERNIK Michael,
OeAC-FS-4859

Hipper USA

Installation Instructions for HiPerLink Soft Connector Links



1) Check the continuity of your line group. Begin installation by inserting the link through all the lines and then through the riser.



2) Pass the link through the lines and through the riser again, so that the link forms a doubled loop.



3) Insert the small loop at the top of the link through the loop just above the stopper knot. It may be necessary to use a fid or ballpoint pen to open the loop slightly to allow insertion.



4) Using a fid, ballpoint pen, or similar object, carefully open the top loop a little wider to enable it to pass over the stopper knot. Make sure that you don't damage any of the fibers as you perform this step.



5) Now pass the widened loop over the stopper knot, then "milk" the finger-trapped portion of the link to return the top loop to its original smaller size.



6) Rotate the link so that the knotted portion is hidden inside the riser. Finally, pull the riser and suspension lines away from each other to tighten the connector link. It is important that the locking section of the link remain inside the riser, so for the first several pack jobs check for this. After a few jumps the link will take a "set" and have no tendency to rotate.



www.HiPerUSA.com

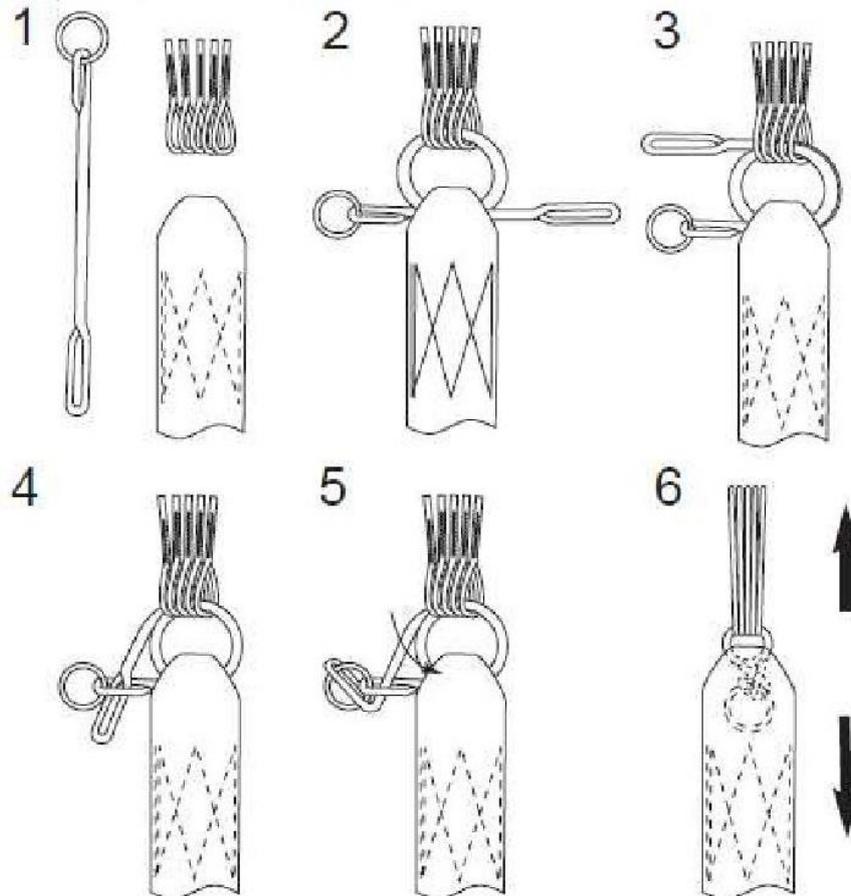
Aerodyne

Installation of soft links:

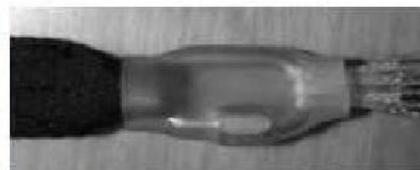
Aerodyne main canopies come standard with soft links to attach the suspension lines to the risers except the Solo students canopies.

Soft links PN: P 1487-01

Installation procedure on front and rear risers:



If the canopy is connected to the risers with stainless steel rapid links, tighten the barrel with a wrench (do not over tighten or you may break the barrel) and slide the silicone tube over the link for protection.



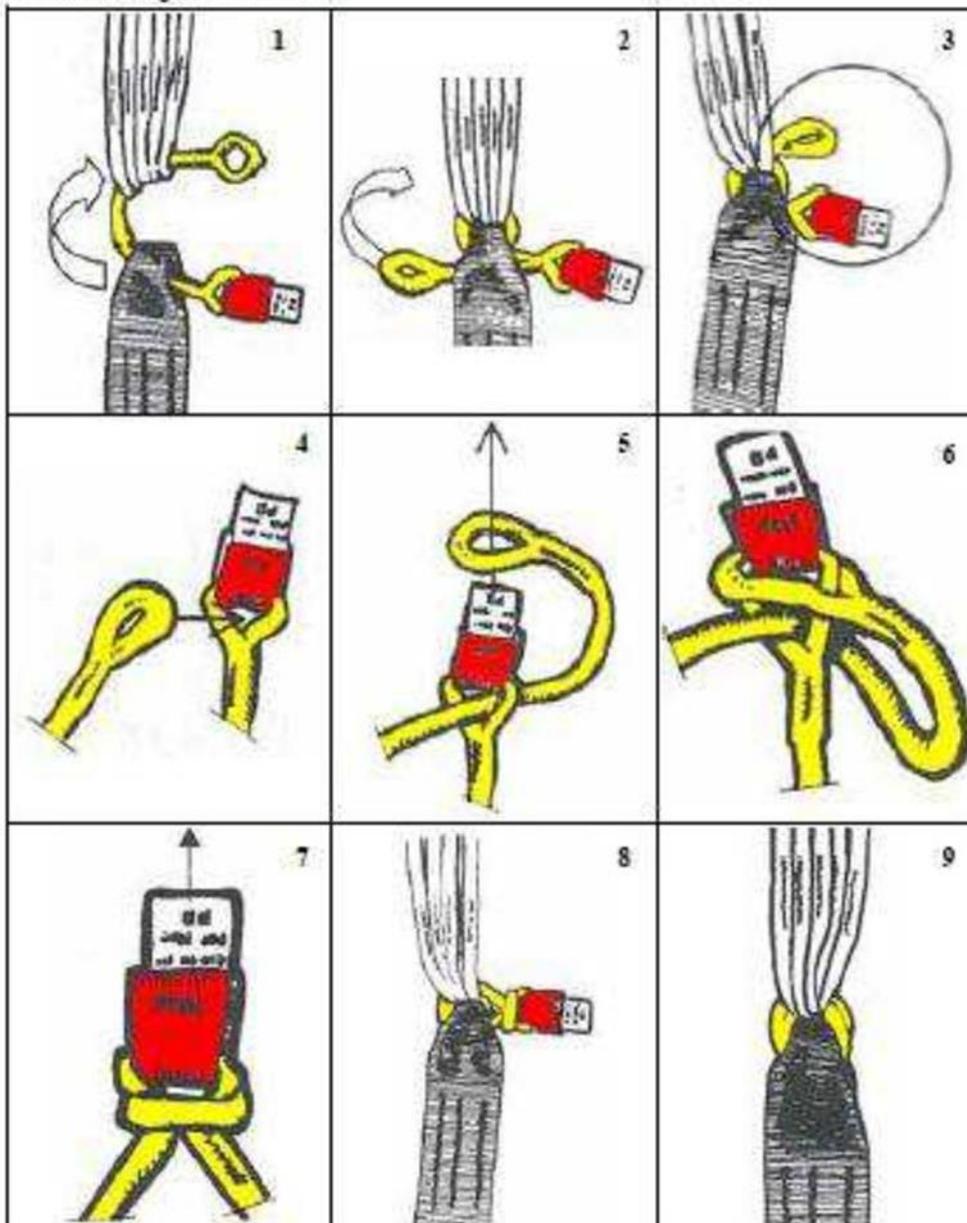
Read the warning on page 2 of this manual and follow the instructions before packing and/or using the product.
Lire l'avertissement page 2 de ce manuel et suivre les instructions avant de plier et/ou d'utiliser le produit.

Firebird

Doc.-No.: EH-O-V1R1 Date: 01.03.05 Revision: 3 Rev. date: 01.07.2006	Equipment Handbook V1R1	
Page: 13 of 73		

How to mount Soft Links to your canopy:

Performance Designs Soft Links ©



It is important that the softlinks will stay in the right position. They should not turn out of the riser (like in picture 8). The red marked stopper must remain inside the riser. If the stopper is out of the riser it is possible to get caught a line. This can cause a malfunction on the main canopy. To avoid that it is possible to fix the softlink to the riser. (Use supertack 80-90 lbs. MIL-T-43435 or 50 lbs. MIL-T-43435).

FIREBIRD, Am Tower 16, 54534 Bitburg

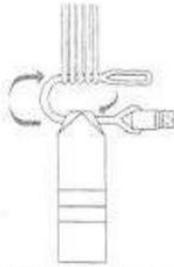
Icarus Canopies



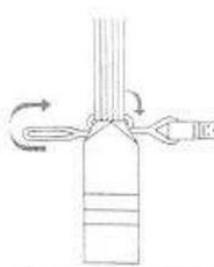
www.nzasports.com

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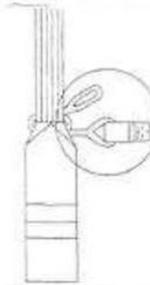
Installation Instructions for Removable Softlinks



1. Pass the softlink through the riser and the lines ensuring that you tuck the corners of the riser webbing in.



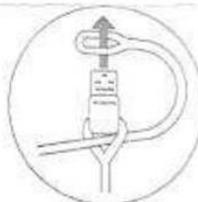
2. Pass the Softlink through the riser and line group a 2° time.



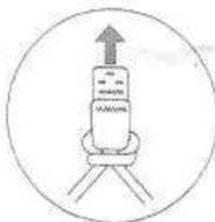
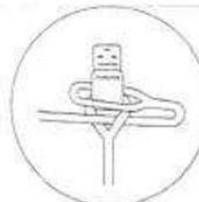
3. Both ends of the Softlink should exit on the same side.



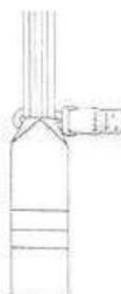
4. Pass the end through the opening under the tab.



5. Feed the tab through the loop.



6. Pull the tab so that the loop tightens.



7. Grasp above and below the softlink and pull to 20kg to set the link. Tuck the tab away inside the riser webbing opening.

Designers and Developers of the ICARUS and DAEDALUS range of Canopies • Computer Controlled Winch Lifting Systems and Software • Canopy Development and Production Licenses

Avalon



AVALON User Guide and Packing Manual

- Reserve handle integrity and correct size fitted,
- Cut away housing integrity and correct size fitted,
- Reserve risers and deployment brake system.

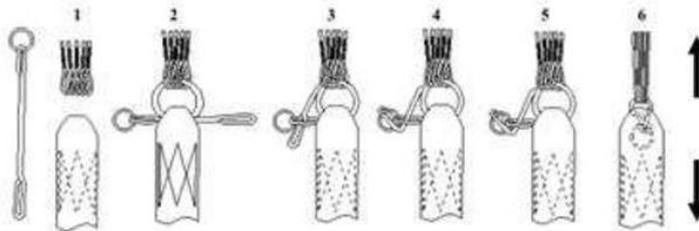
Check the AVALON Sport and Student Harness Container for any worn, damaged, corroded or incorrectly rigged components. Any of such components must be repaired or replaced before the harness container is packed for use.

For Reserve canopy installation, read and follow the instructions included in the Reserve canopy instruction manual.

2.2. Reserve canopy assembly

For the assembly of the reserve canopy please follow the instructions provided in the manual of the reserve canopy. If there are soft links on the reserve canopy follow the assembly instructions below.

2.2.1 Soft-links



Secure the Soft Link ring in the webbing pocket, and hand tack as shown or as described in the reserve canopy instruction manual.

Read and follow the instructions before packing and/or using the product		
AVA Sport Ltd. Bulgaria, 3490-Mirreana, Zahari Stoitchev str 44	Edition 02/2011	Page 9/31
Tel. +359 96 300 235, Fax. +359 96 307 296 e-mail: avasport@avasportcentral.com		



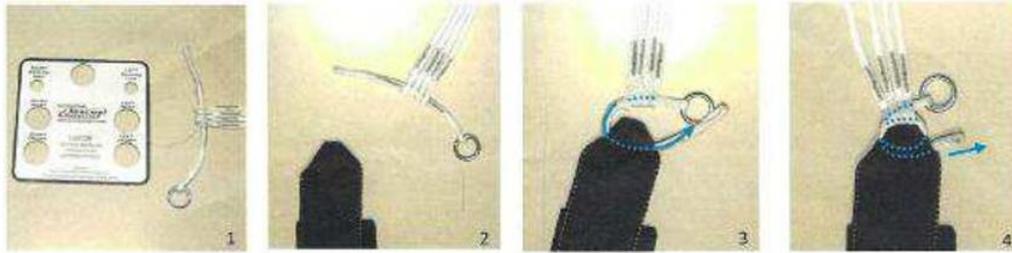
AVALON User Guide and Packing Manual



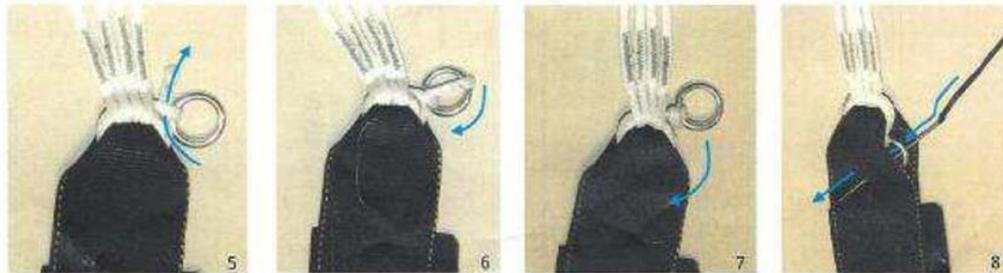
Icarus Canopies



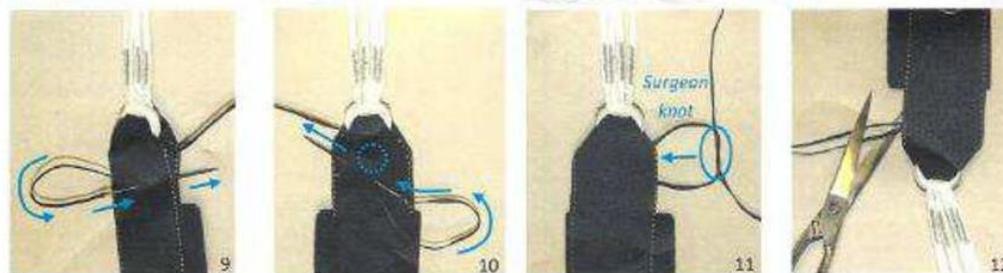
Soft Link Installation Instructions



- 1 To keep the correct order of the lines during the installation of the soft link, pass the soft link through the lines without removing the plastic.
- 2 Once soft link is completely through line group, remove the plastic.
- 3 Pass the soft link through the riser completing the first loop.
- 4 Then, pass the soft link through the line group and riser a second time to complete the second loop.



- 5 Pass the loop end of the soft link through the opening under the ring.
- 6 Insert the ring through the loop end of the soft link and pull tight.
- 7 Pull on lines and riser simultaneously to even the length of the 2 link passes, and place the ring inside the riser.
- 8 Sew one hand tack passing through the ring and attaching only one side of the riser. *Use Lite Super Tack Cord.



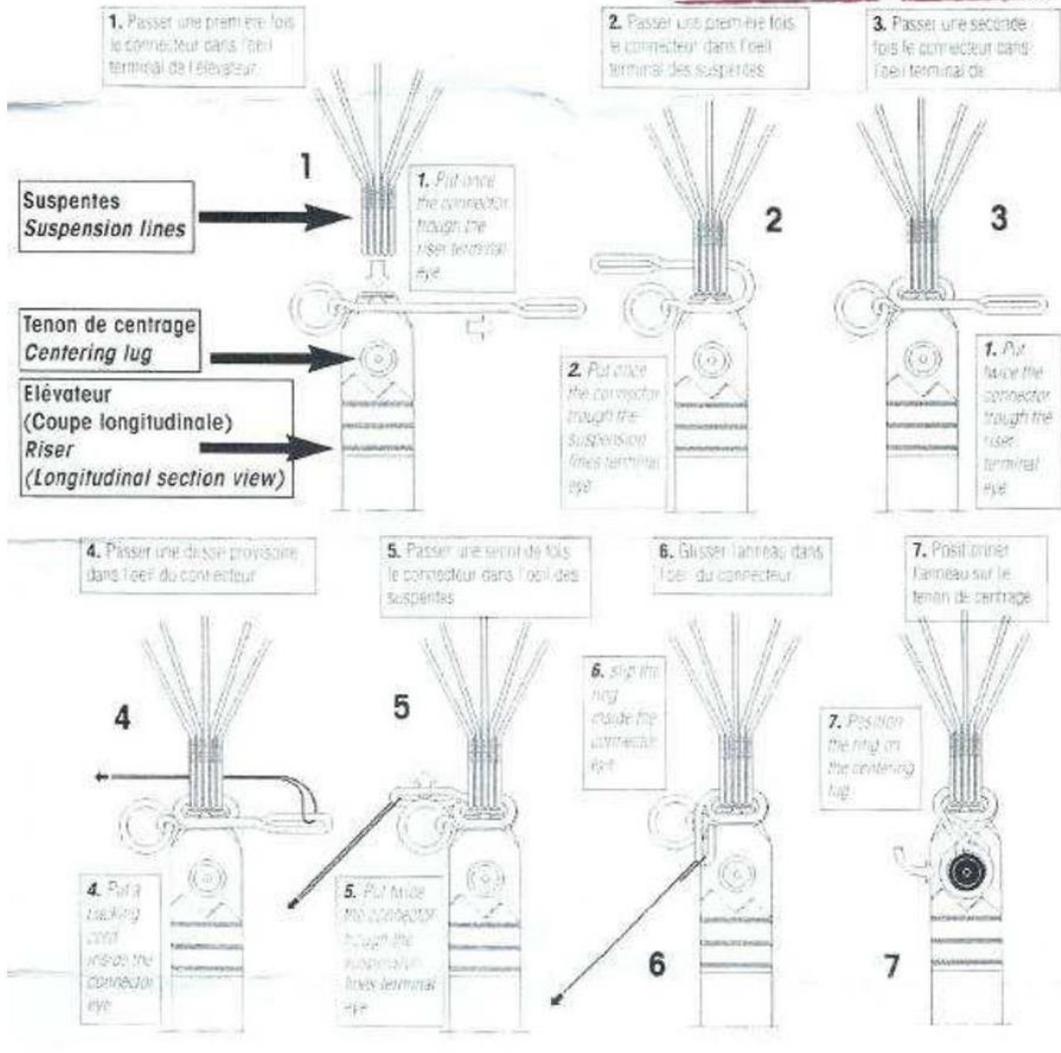
- 9 Pass the needle back through the two layers of the riser, without passing through the ring.
- 10 Pass the needle back, one last time, through one side of the riser only and in front of the stitch made in point 8.
- 11 Tie a surgeon knot inside of the riser.
- 12 Finally, cut ends of thread, making sure they are not too close to the knots, and check correct assembly.



OPEC870025

CONNECTEURS SOUPLES P.F. P9009122800
P.F. SUPPLE CONNECTORS
MANUEL - MANUAL

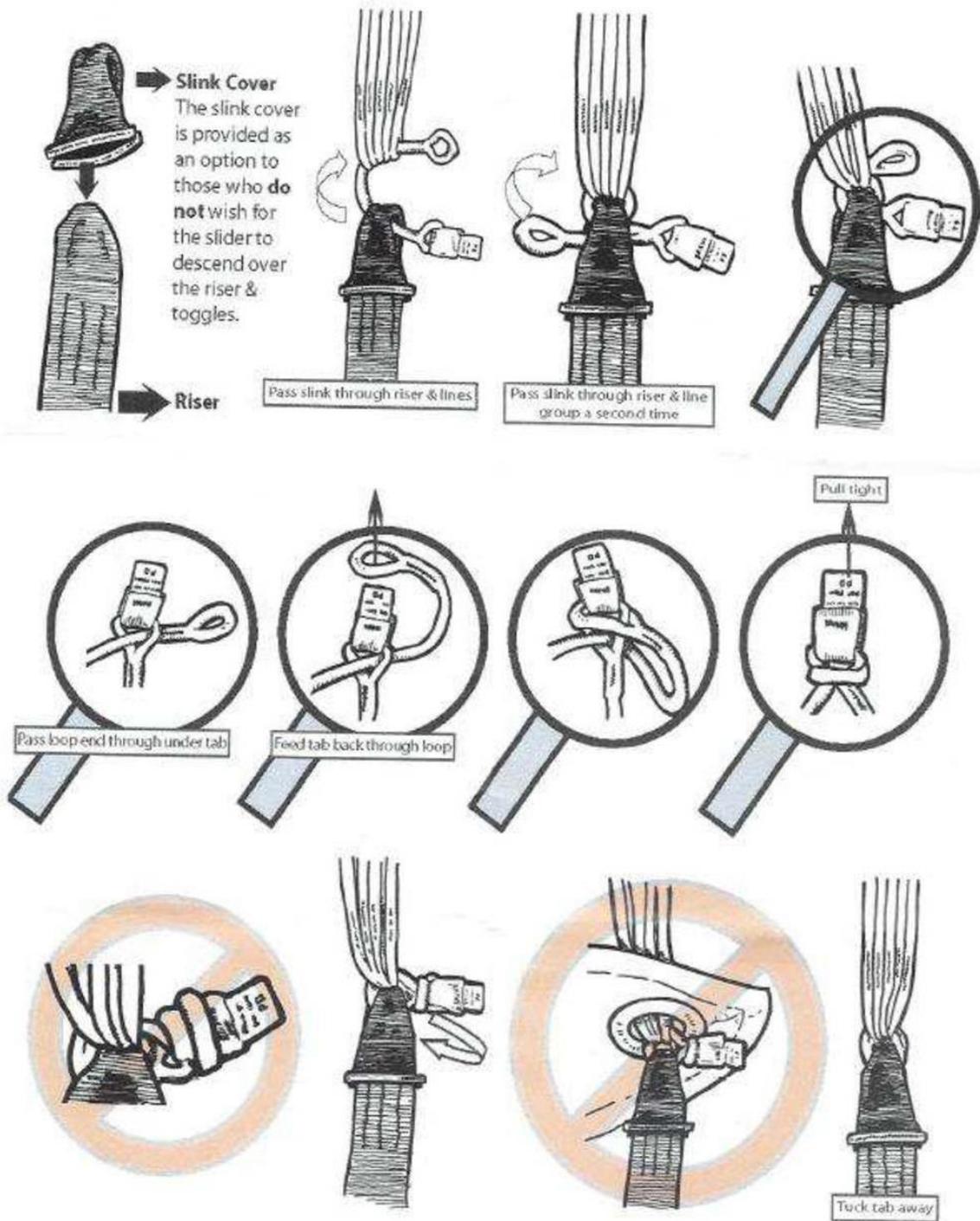
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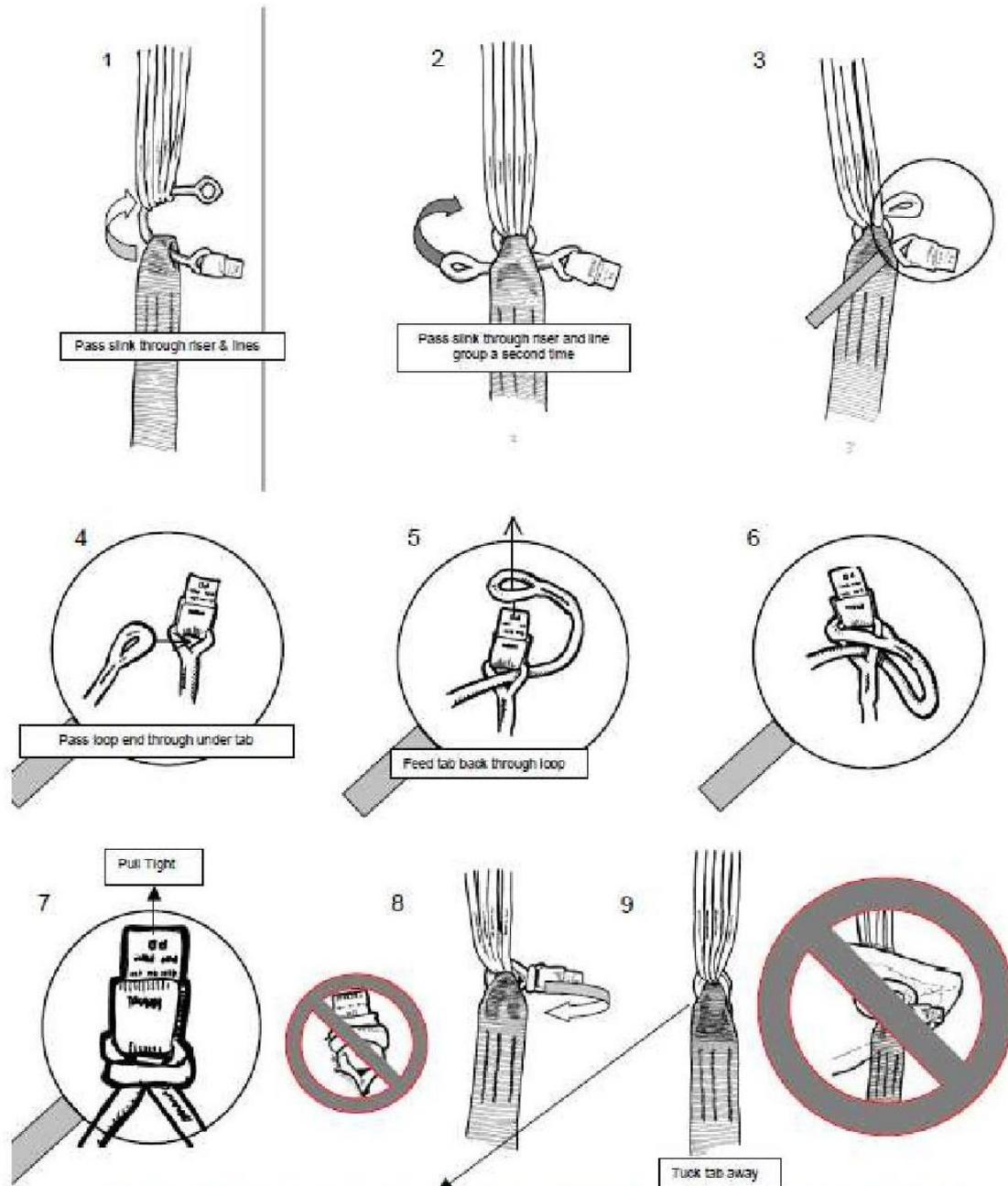
ATTENTION: Pour votre propre sécurité, n'utilisez QUE des composants originaux Parachutes de France S.A. !!!
CAUTION: For your own safety, use Parachutes de France S.A. genuine components ONLY !!!

Performance Design



During the first 15-20 deployments on a set of slinks they will develop a "set". Make sure this set happens properly by keeping the Slink tab positioned inside the riser during these initial pack jobs/deployments.
MAN-016-D REV. C

Performance Design



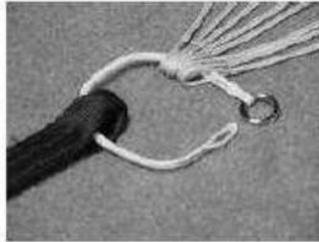
The first 15-20 deployments will cause the sink to take a more permanent "set". It is important to insure that the tab is located between the risers during this period so as to insure this set occurs with the tab in the proper position. Once this has occurred, the sink will have a tendency to remain in this position. If this procedure is not followed, the tab may rotate out of position. Allowing the tab to remain outside of the risers during deployment and flight will result in excessive wear of the sink, potentially leading to a structural failure.

Precision

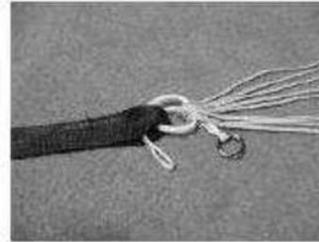
Wrap-It Link™ Assembly Instructions



1. Confirm continuity,
insert link through lines...



2. Wrap-It™ through riser...



3. Wrap-It™ through lines
and riser a second time...



4. Wrap-It™ through lines
and riser a third time...



5. Place end through loop
holding ring...



6. Lock running end by
pulling ring through loop.



7. Pull to tighten knot...



8. Pull lines and riser to
evenly distribute 3 wraps.



9. Rotate ring into riser
and shape link as shown
above.

Precision
aerodynamics, inc.

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www.aerodynamics.com