

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 – 2009-1

HENVISNING:	United Parachute Technologies recommendation
FORMÅL:	Bytte til delt/splittet RSL Lanyard og/eller innmontering av loop som skal holde freebag på plass i container
STATUS:	Obligatorisk for tandem- og elevutstyr før neste hopp Frivillig på sportsutsyr.
IDENTIFIKASJON:	Alle rigger (sports- elev- og tandemrigger) produsert av UPT med nødåpner .
BAKGRUNN:	Det har vært en fatal tandemulykke i USA der sannsynlig årsak var at aktiveringen av hovedskjermen ble gjennomført i fyringshøyde for nødåpneren og der Freebagen kom ut av containeren like før selve åpningssjokket med lav nok hastighet til å bli tauet etter skyhooken. Dersom Collins' Lanyard i denne konfigurasjonen strekkes mer enn 6 tommer kutter den venstre løftestropp.
SERVICE:	Vektor Sigma Tandem- og elevutstyr med Skyhook skal bytte til split RSL samt innmontere staging loop. Tilsvarende utstyr fra UPT uten skyhook (tandem og elevutstyr) skal innmontere staging loop for bedre å holde reservebagen på plass ved en utilsiktet åpning. Modifiseringen skal gjøres før neste hopp. Se vedlagte instruksjoner.
UTFØRELSE:	For tandem og elevutstyr skal dette gjøres før neste hopp. Monteringen og modifikasjonen skal utføres av MR. Hovedkontrollkort merkes med S0 09-01. Modifiseringssett kan bestilles fra UPT kostnadsfritt. Skydesign butikk har sagt seg villig til å samordne ev bestilling. Porto må betales.
DISTRIBUSJON:	Klubber Hovedinstruktører Materiellkontrollører SU Sky Design F/NLFs Internet sider Hærens Jegerkommando Luftfartstilsynet

Oslo, 26. januar 2009

Rolf I Sotberg
materiellsjef F/NLF

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STAGING LOOP PACKING INSTRUCTIONS

THIS TASK COVERS:

- Installation, Packing

INITIAL SETUP:

Tools

- Two pull-up cords
- Temp Pin

Materials/Parts

- Premade Loop

Equipment Condition

Lay out on packing table or other suitable area.

Personnel Required

Parachute Rigger

Scope

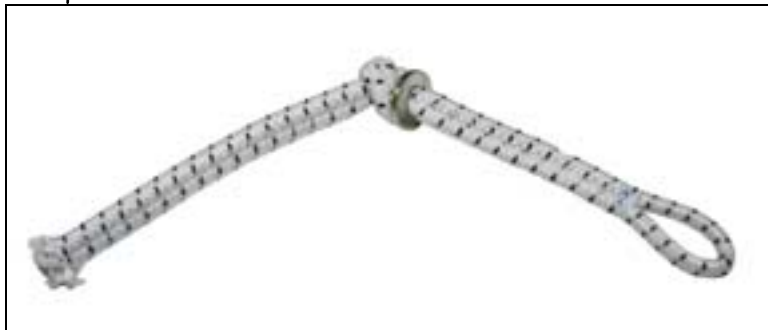
The purpose of the Staging Loop is to ensure the free-bag remains in the reserve container until full extension of the reserve bridle by the pilot chute.

Fig 1



Loop before preparation P/N:
027-006-001

Step 1



Make one overhand knot, and thread loop through provided 1/2" washer.

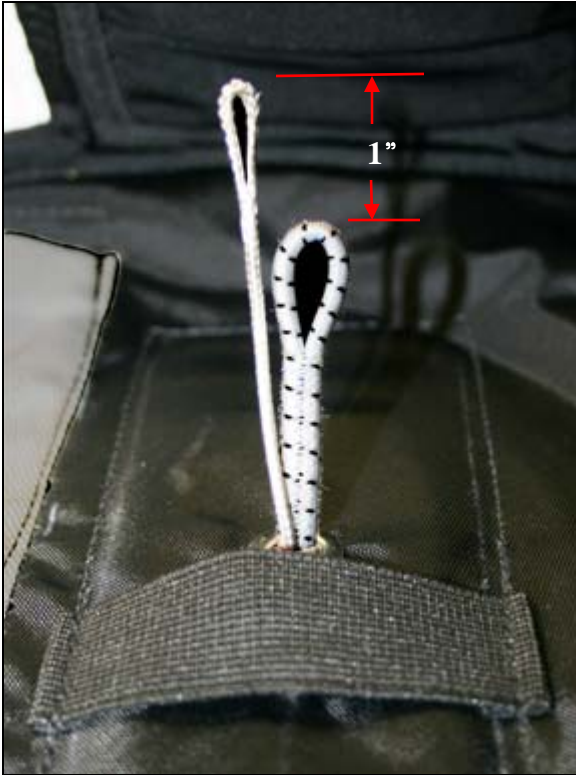
ENGINEERING DEPARTMENT

1645 LEXINGTON AVENUE ♦ DELAND FL 32724-2106 ♦ TELEPHONE +1 386 736 7589 ♦ FAX +1 386 734 7537

UPT@UPTVECTOR.COM ♦ WWW.UPTVECTOR.COM

STAGING LOOP PACKING INSTRUCTIONS

Step 2



Reach in through the back pad, and reserve container, and insert/Install staging loop through lower grommet not covered by elastic.

NOTE:

Regardless of what loop length is used, the staging loop will always be 1" shorter than the Cypres loop. This ensures proper tension on the reserve bridle for all V3 models.

Step 3



Route pull-up cords through loops.

NOTE:

Blue spectra pull-up cords are shown here for demonstration purposes only!

Step 4



Place free-bag into reserve container, and route both pull-up cords through free-bag grommet.

Step 5



Route Cypres loop through center grommet, flap #1

Step 6



Temp. pin Cypres loop passing through center grommet Flap #1, and also route staging loop pull-up cord through off-set grommet.

Step 7



Bring free-bag bridle up to center flap anchor edge, and fold back 180°. Also fold bridle in 1/2" vertically as shown.

Step 8



Bring folded end section of bridle back. This gives the bridle some slack as shown and insert into staged loop. Bridle stow should not exceed 1”

Step 8(cont)



Close up view of bridle stow with staged loop. Notice slack on the reserve bridle.

NOTE: At this point remove pull-up cord from staged loop.

Step 9



NOTE: At this point S,-V-fold bridle under flap #1 per proper packing procedures, Skyhook equipped or not.

Step 10



Top view after flap #2 has been closed.
Notice free-bag bridle stow showing about 1/2" from edge of flap #2. This is normal.

Continue on with standard, or Skyhook equipped packing procedures.

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STAGING LOOP GROMMET INSTALLATION MOD.

THIS TASK COVERS:

- Installation

INITIAL SETUP:

Tools

- Hand set
- Hammer/Rawhide mallet

Materials/Parts

- One #0 Rolled Rim Spur and Washer
- Stainless Steel Grommet

Equipment Condition

Lay out on packing table or other suitable area.

Personnel Required

- Senior or Master Parachute Rigger

Scope

The purpose of the Staging Loop is to ensure the free-bag remains in the reserve container until full extension of the reserve bridle by the pilot chute.



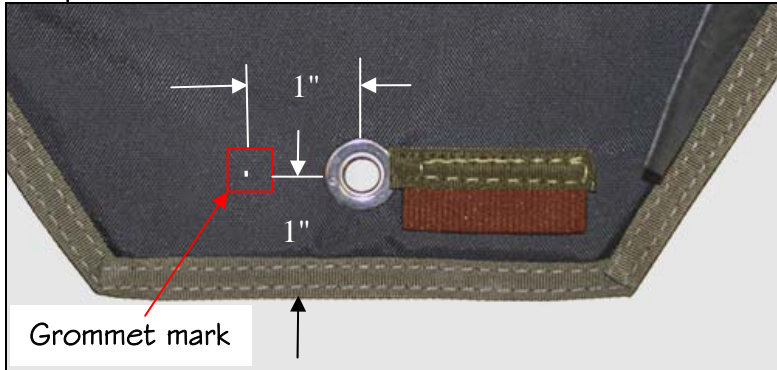
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STAGING LOOP GROMMET INSTALLATION MOD.

Step 1



Mark reserve flap #1 per dimensions opposite of the AAD cutter channel, and keeper.
NOTE: AAD cutter keeper highlighted for demonstration purposes only!

Step 2



Punch hole with #0 hand set punch.

Step 3



Install one #0 rolled rim spur and washer stainless steel grommet. Make sure there are no burs inside the rim.

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RSL-SIGMA SPLIT MODIFICATION

THIS TASK COVERS:

- Modification

INITIAL SETUP:

Tools

- 308 Zigzag Medium Duty
- 1" x 42 stitch bar tack [optional]
- 301 Straight Stitch - Medium Duty

Materials/Parts

- Pre-made gold loop

Equipment Condition

Lay out on packing table or other suitable area.

Authorized Repairman

Master Parachute Rigger



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Step 1



Sew a 4 point stitch pattern beginning and ending at the center bar tack, and leave a 1" open loop as shown.

NOTE;

This loop will now be used ONLY for the RSL pin, and Skyhook Lanyard!

Fig 1



Pre-made loop with label as shown.

NOTE;

Left cutaway cable will now pass through this loop ONLY!

Step 2



Line up folded edge of secondary gold loop, with raw edge of pile Velcro, and install 3 bartacks. There should be a 1/2" offset between both loop ends as shown.

Fig 2A



Fig 2B



Bartack over folded edge should step off.

Fig 2C



Notice Tyvec label underneath gold secondary loop, and in between both loops.

Fig 2D



Back side of modified RSL showing bartacks fig 2B, 2D.

Fig 2E



View of RSL with secondary loop after completed.

Step 3



NOTE;

3 different views of installed RSL on a standard Sigma Tandem.

Notice how the left side cutaway cable is passing ONLY through the Gold Loop, and the black 1" type 4 has both the RSL pin, and Skyhook lanyard larks-headed on the end

Step 3 - Fig3B

Fig 3A



Fig 3B



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SPLIT RSL-VECTOR 3 INSTALLATION INSTRUCTIONS

P/N: N/A

The following instructions supersede the instructions given in Section 3, Page 32 of the Vector 3 Owner's Manual Rev 0 dated 11/26/2003.

THIS TASK COVERS:

Installation, Packing

INITIAL SETUP:

Tools

None required

Equipment Condition

Lay out on packing table or other suitable area.

Materials/Parts

1 ea. split V3 RSL lanyard

P/N: 025-001-005

or

P/N: 025-001-006 (extended)

Personnel Required

Parachute Rigger

Scope

Beginning January 2009, United Parachute Technologies made this improvement to the integrated RSL. This improvement was designed and engineered to further enhance the performance of our product and the safety of our customers.

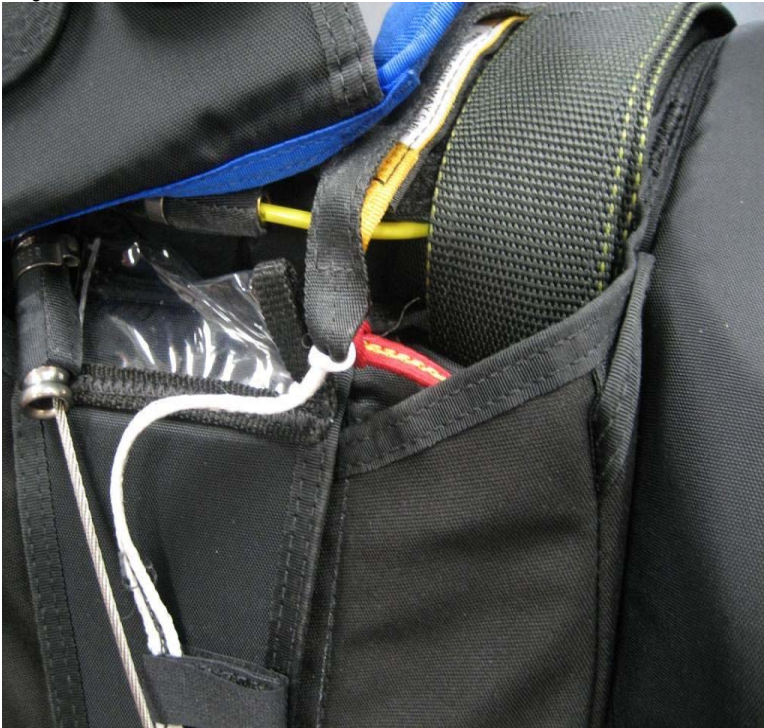


Figure 1



Make sure the left hand (exposed) yellow breakaway cable passes through the yellow Collins Lanyard loop at the end of the RSL. The Sky Hook should not be used without a Collins lanyard.

Figure 2



After packing the reserve, the black section of RSL lanyard should lay on top of the yellow Collins lanyard under the yoke.