DATE: JANUARY 12, 2017 SERVICE BULLETIN #20171201 - REV 0 # OF PAGES: 2

COMPLIANCE DATE: January 12, 2017

SUBJECT: This advisory describes the procedure for properly pre-stretching the Sigma Pulley Loop and tying the proper knots to ensure its length remains within proper tolerance.

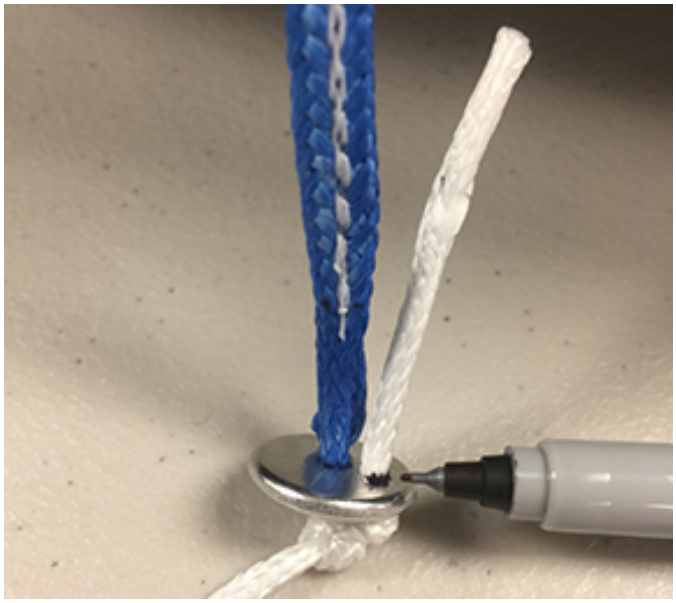
STATUS: MANDATORY - Prior to the Next Jump

BACKGROUND: The Sigma Pulley Loop, specifically the white Dyneema® loop (shown below,) must remain static in "length" to ensure proper functioning of the Sigma Disk Release System. Some Pulley loops were delivered without being pre-stretched, which may allow knot slippage, thus allowing the length of the loop to stretch. These instructions will advise you on the proper methods to pre-stretch the loop and how to tie the proper knot.

SERVICE BULLETIN: Stretching and adding an additional overhand knot to the white Dyneema® loop on Sigma Pulley closing loop (P/N: CPS- LOOP2-M-SIGMA, P/N: CPS-031-003-002).

Tools required
Ultra-fine point marker or similar pen
Rigging tools – Pull up cord, Knee plate

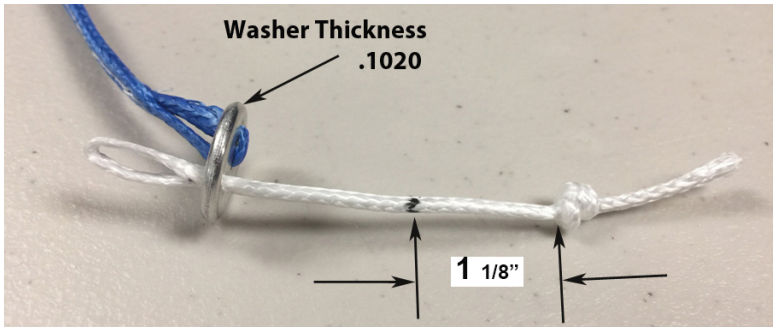
Procedure



Make sure the existing knot is seated against the washer. Mark the Dyneema® at the washer as shown using a fine tip marker.

Use basic rigging tools, stretch the loop as shown. The knot will tighten and the material will stretch.

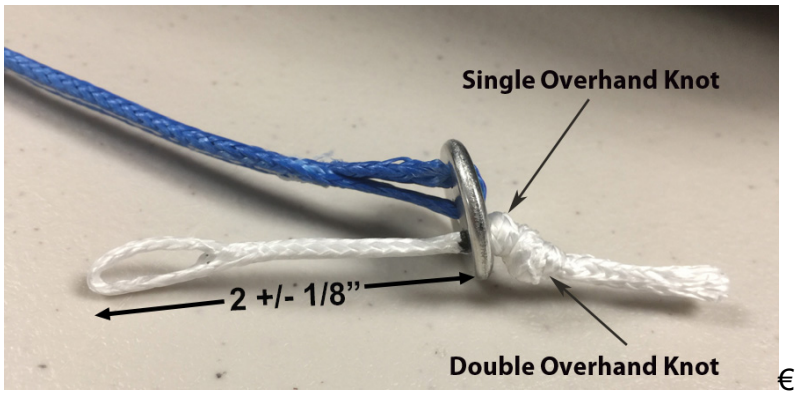
* Alternative method included at the end of this document.



Pull the loop out of the washer as shown. It does not need to be removed all the way.

The mark added in the first step should end up approx. **1 1/8**” from the knot as shown.

Add the additional “single” overhand knot between the mark and the double overhand knot already installed.



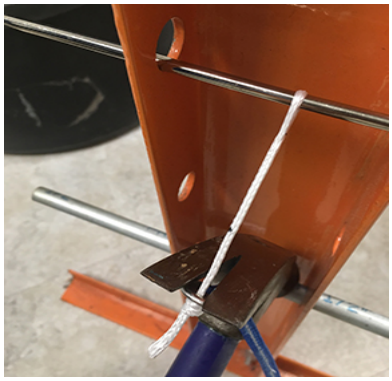
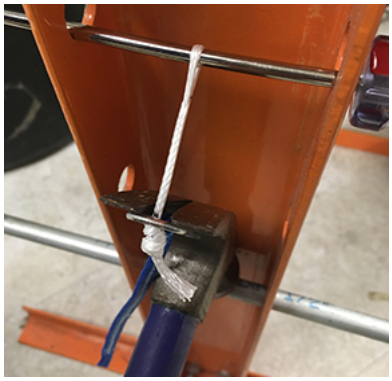
Repeating step # 1 pull the loop back through the washer, seating the knots as shown.

The Dyneema® loop must measure **2 ± 1/8**”.

€

1645 Lexington Avenue ◆ Deland Fl 32724-2106 ◆ Telephone +1 386 736 7589 ◆ Fax +1 386 734 7537
www.uptvector.com

Alternative method

When no rigging tools are available, a similar method as shown above can be employed. Simply make sure the end of the Dyneema® loop is secured with a screw driver or metal bar. A claw hammer can be used to hold the washer and knots while acting as a lever. This is just an example of an alternative method to end up with the same result.

AUTHORITY:
Mark Procos, General Manager
United Parachute Technologies LLC
1645 Lexington Avenue
DeLand, FL 32724-2106 USA
Telephone: +1 386 736 7589
FAX: +1 386 734 7537
Email: mark@uptvector.com

DISTRIBUTION:

1. Complete Parachute Solutions

REVISIONS: