

Gear & Safety Warning - October 2015

## Webbing slippage in low-tension highlines

In a number of tests Philipp, Lisa and Thomas found webbing to slip incrementally and continuously with each catch and leashfall on low-tension highlines.

They suggest that high amplitude load cycles caused by dynamic events lead to webbing slippage in a weblock; specifically the rapid de- and increase in tension during leashfalls and catches on low-tension highlines.

On different occasions webbing stopper knots were dragged inside the weblock after a relatively high number of leashfalls.

**Read up on the preliminary report here:**

<http://slacktuev.org/2015/11/05/webbing-slippage-in-low-tension-highlines/>



Pictures: A 5-hour session on a 47m highline with 15 leash falls and a couple of catches showed visible slippage in a Weblock as indicated by the movement of tape

Please report gear failures, near misses, accidents and other incidents to our form, so we can create further warnings, thank you:

<https://docs.google.com/forms/d/1FN9smdkYIWjU-bPdDRMz3-2PNFsaRzpLkq8qnkMHGtM/viewform>