



Fluid Wings LLC. 1636 Old Daytona St. DeLand FL 32724, #1-888-243-5843 // fluidwings.com

LINE INSPECTION GUIDANCE

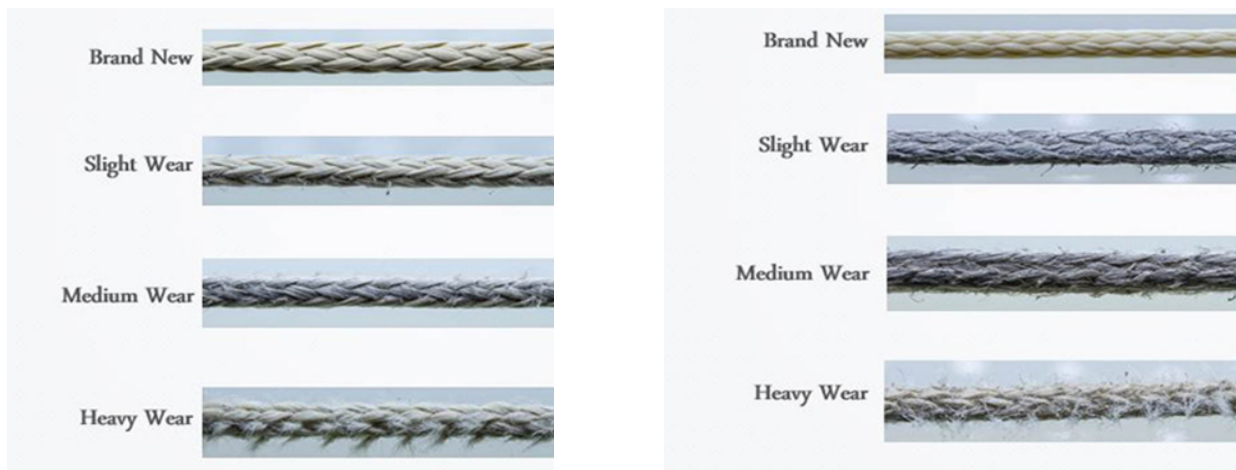
DOCUMENT REVIEW

- <https://parachutist.com/Article/Know-Your-Lines>
- <https://www.skydivemag.com/new/gear-wisdom-line-sets/>
- https://www.fluidwings.com/_files/ugd/5a932f_05ae884b12ba4c8d9e78150d0c72c044.pdf

Line wear:

The following images are taken from: <https://parachutist.com/Article/Know-Your-Lines>

They are a good visual guide to wear condition. Magnification may be required (phone cameras may be a good source for this). This inspection is a useful tool for determining the wear state of wings and is not a complete line checklist.

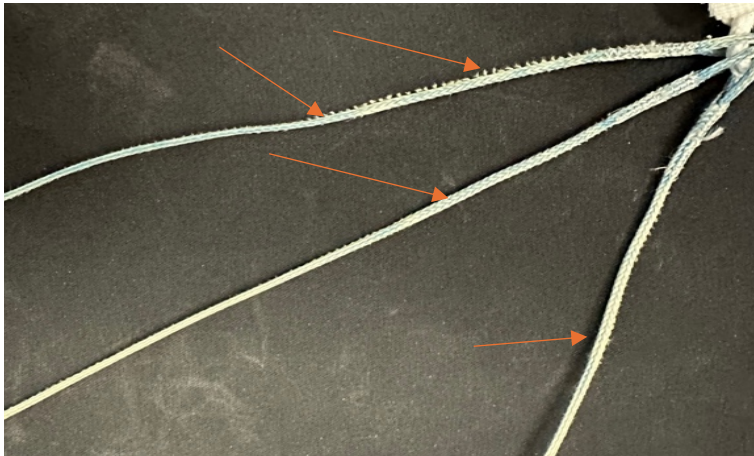


Lines should be evaluated for *slight/medium/heavy* wear conditions. Lines identified as critical should be replaced prior to the heavy wear condition.



The typical line is shown at approximately 2x magnification with a smartphone.

Note this line is beyond heavy wear and lines such as this should not be used under any condition.



The typical wear location of lines is near the termination of the finger trap at the splice.

Note the center and outer lines often exhibit wear first.

Note this line is beyond heavy wear and lines such as this should not be used under any condition.

A line plan should be obtained from the manufacturer for this inspection. The lines/items listed in **bold** are critical and should NEVER be jumped with wear at heavy condition. We suggest that critical lines be replaced when wear is at/or beyond medium.

Riggers should exercise their professional judgment and adhere to all applicable standards. Where questions arise contact the manufacturer. These checklists apply to Fluid Wings parachutes only. The use of the checklist is a general guideline to ensure critical items are caught and is not all-inclusive, or a complete inspection.



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General		Specific location	slight medium heavy		
Lower A lines	-general		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Lower at the termination of splice		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Center A lines (typically most wear)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cascade at the termination of splice		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Lower C lines	-general		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Center cell (critical) termination of splice		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	Cascade at the termination of splice		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Brake Line	general		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
	(lowers by cat eye critical)		<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upper A-lines			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upper B-lines			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upper C-lines			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upper D-lines			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Upper Brake lines			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>
Check outer lines			<input type="checkbox"/>	<input type="checkbox"/>	<input type="checkbox"/>