

## LOAD TEST REPORT Nfl II 35/03

*The model describe hereafter is in conformity with the load test carried out by:*  
**Air Turquoise SA, official test laboratory of Switzerland**

Manufacturer:	<b>OZONE Gliders</b>
Model:	<b>Soft spreader bar</b>
Type:	<b>Tandem</b>
Maximum weight in flight:	<b>220 kg</b>

### MECHANICAL RESISTANCE TEST

*The model had been tested according to Nfl II 35/03 point 3.2.3, up to 9G of its total weight in flight or at least 1350 daN during 10 seconds.*



Picture 1

Villeneuve, November 25<sup>th</sup>, 2012  
**Air Turquoise SA,**

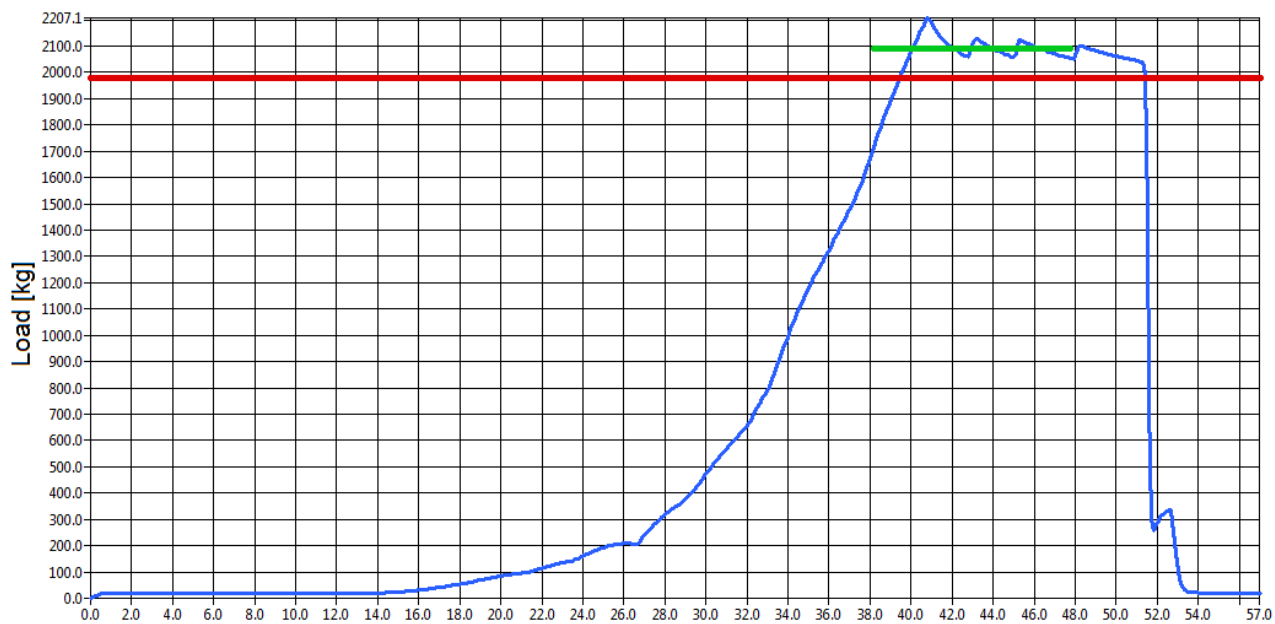
**Alain Zoller**

**Test 1:**

The load has been induced from pilot- and the first passenger attachment to the main attachment point of glider.

**Air Turquoise Homologations  
 LOAD DIAGRAM**

Alain Zoller  
 Rue de la Poterlaz 6, CP-10  
 CH-1844 Villeneuve  
 079 202 52 30 / info@airturquoise.ch



Ozone - Soft spreaders main-main Time [s]

TEST PASSED Fm = 2091.5

Test Load [kg] = 1980

02/11/2012 - 10:25

measurement with ShockRecord  
 (c) 2008 Jonas Buchli <jonas@buchli.org>

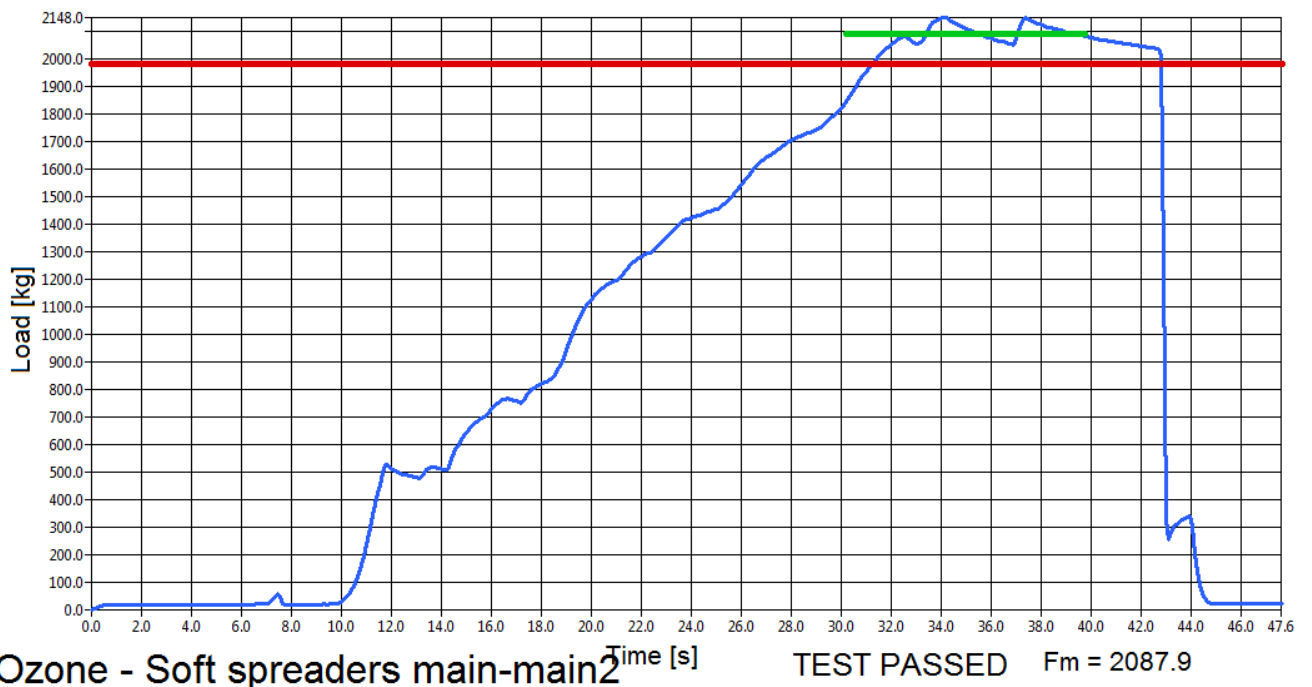
Tested successfully, up to 2000 daN more as 10 seconds

**Test 2:**

The load has been induced from pilot- and the second passenger attachment to the main attachment point to glider.

**Air Turquoise Homologations  
 LOAD DIAGRAM**

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**Ozone - Soft spreaders main-main2**  
 Test Load [kg] = 1980

**TEST PASSED** Fm = 2087.9  
 02/11/2012 - 10:28

measurement with ShockRecord  
 (c) 2006 Jonas Buchli <jonas@buchli.org>

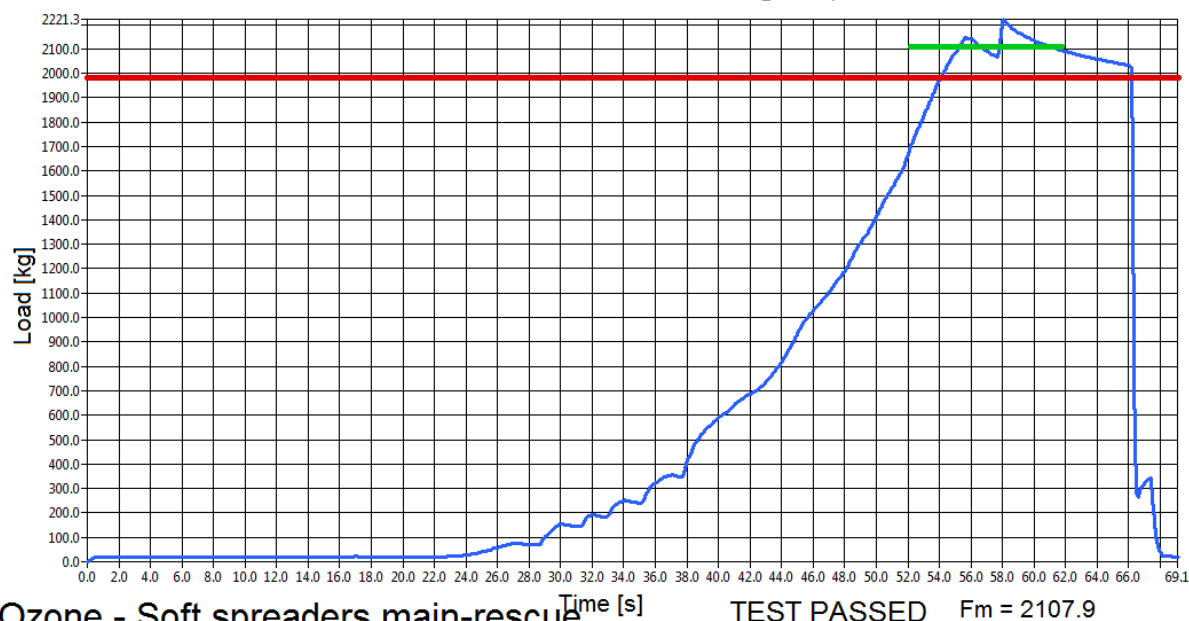
Tested successfully, up to 2000 daN more as 10 seconds

**Test 3:**

The load has been induced from rescue attachment.

**Air Turquoise Homologations  
 LOAD DIAGRAM**

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Ozone - Soft spreaders main-rescue  
 Test Load [kg] = 1980

TEST PASSED Fm = 2107.9  
 02/11/2012 - 10:30

measurement with ShockRecord  
 (c) 2006 Jonas Buchli <jonas@buchli.org>

Tested successfully, up to 2000 daN more as 10 seconds