



## LOAD TEST REPORT Nfl II 91/09

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

Manufacturer:	<b>Sup'Air</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, January 3th, 2014  
**Air Turquoise SA,**

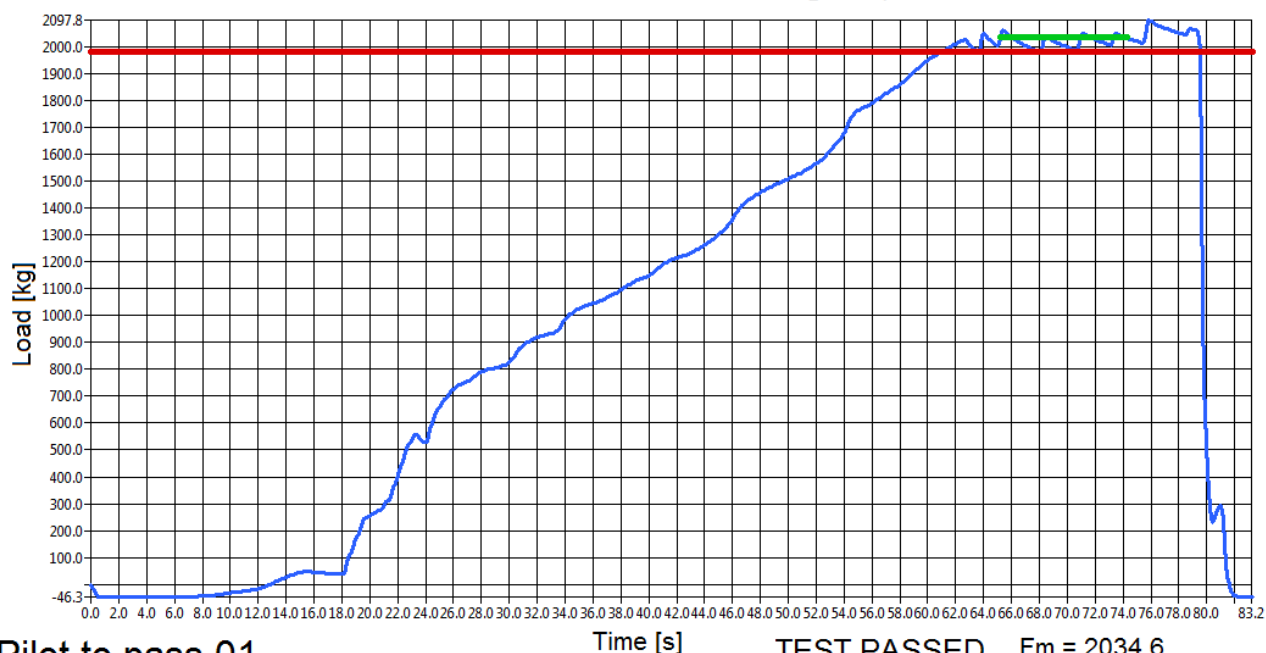
  
EN & LTF Testing center  
  
Alain Zoller [www.para-test.com](http://www.para-test.com)

**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  
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**Pilot to pass 01**

Test Load [kg] = 1980

Time [s]

**TEST PASSED**

Fm = 2034.6

03/01/2014 - 13:17

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

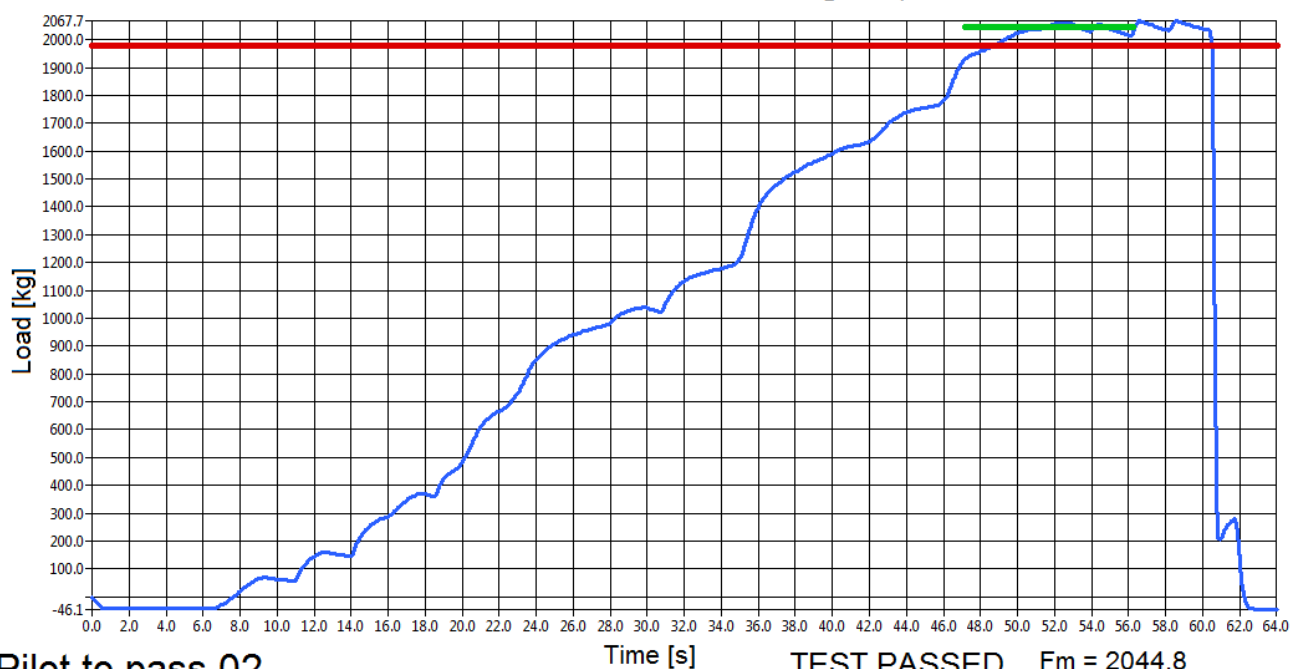
Tested successfully, up to 1980 daN more as 10 seconds

**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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**Pilot to pass 02**  
 Test Load [kg] = 1980

**TEST PASSED** Fm = 2044.8  
 03/01/2014 - 13:20

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

Tested successfully, up to 1980 daN more as 10 seconds



**Test 3:**

The load has been induced from rescue attachment.

**NA no rescue attachment point**

