



LOAD TEST REPORT Nfi 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: **NIVIUK Gliders**
Model: **Soft spreader bar**
Type: **Bi**
Maximum weight in flight: **220 kg**

MECHANICAL RESISTANCE TEST

The model had been tested according to Nfi 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, October 20th, 2010
Air Turquoise SA,

testing center

Alain Zoller www.para-test.com

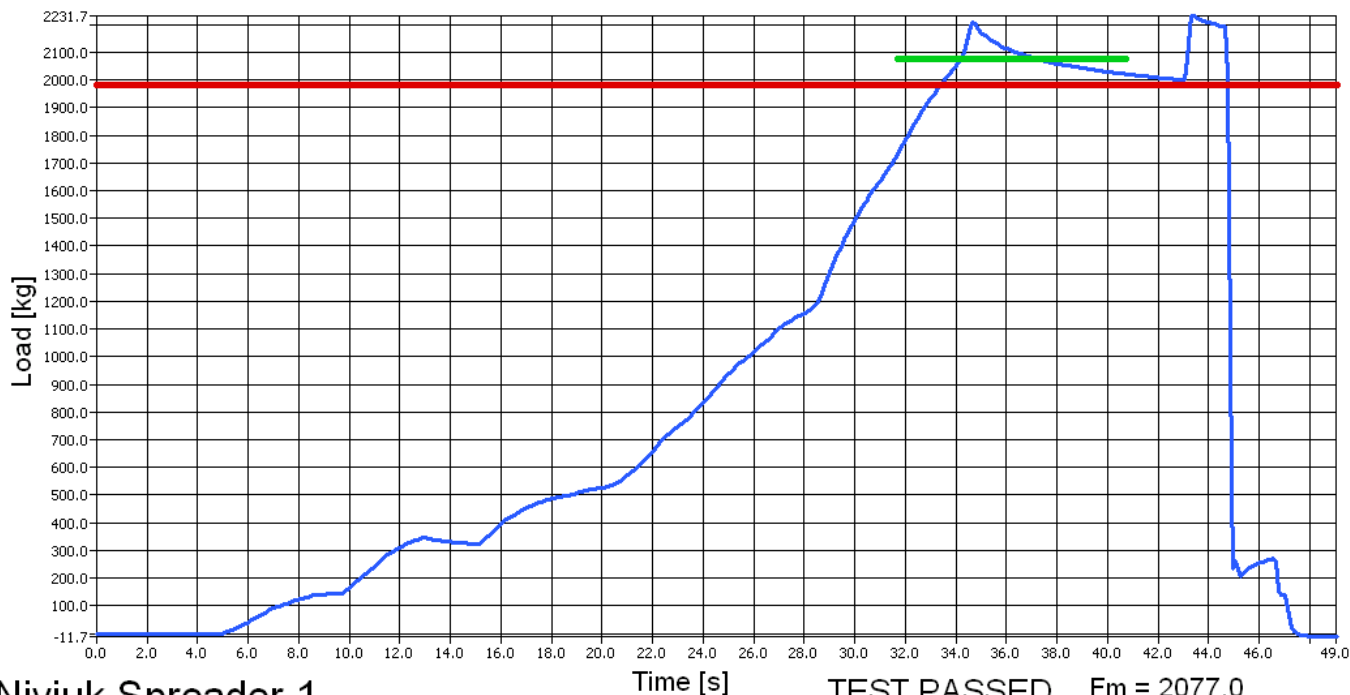
Test 1:



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
 079 202 52 30 / info@airturquoise.ch



Niviuk Spreader 1

Test Load [kg] = 1980

TEST PASSED

4.5.2010 - 16:05

Fm = 2077.0

measurement with ShockRecord
 (c) 2006 Jonas Buehli <jonas@buehli.org>

Tested successfully, up to 1980 daN during 12 seconds.

Test 2:

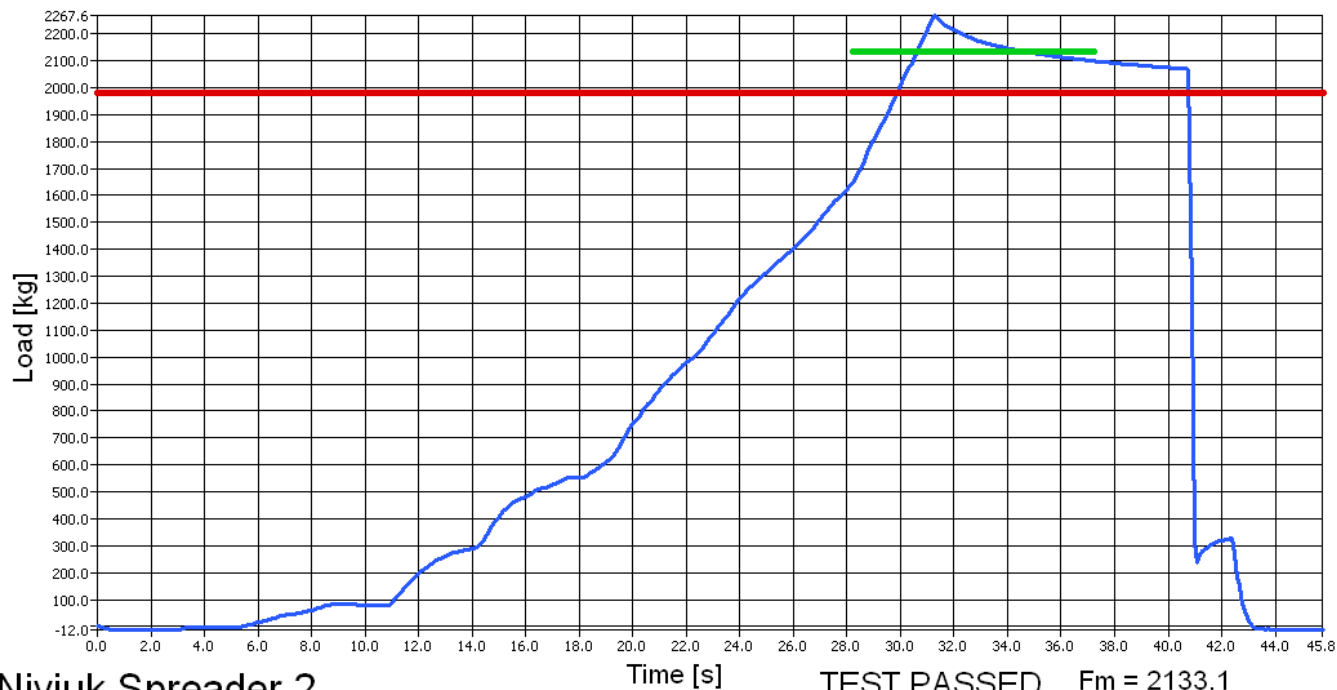




The load has been induced from pilot- and the second passenger attachment to the main attachment point to glider.

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Alain Zoller
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Niviuk Spreader 2

Test Load [kg] = 1980

TEST PASSED

Fm = 2133.1

4.5.2010 - 16:07

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

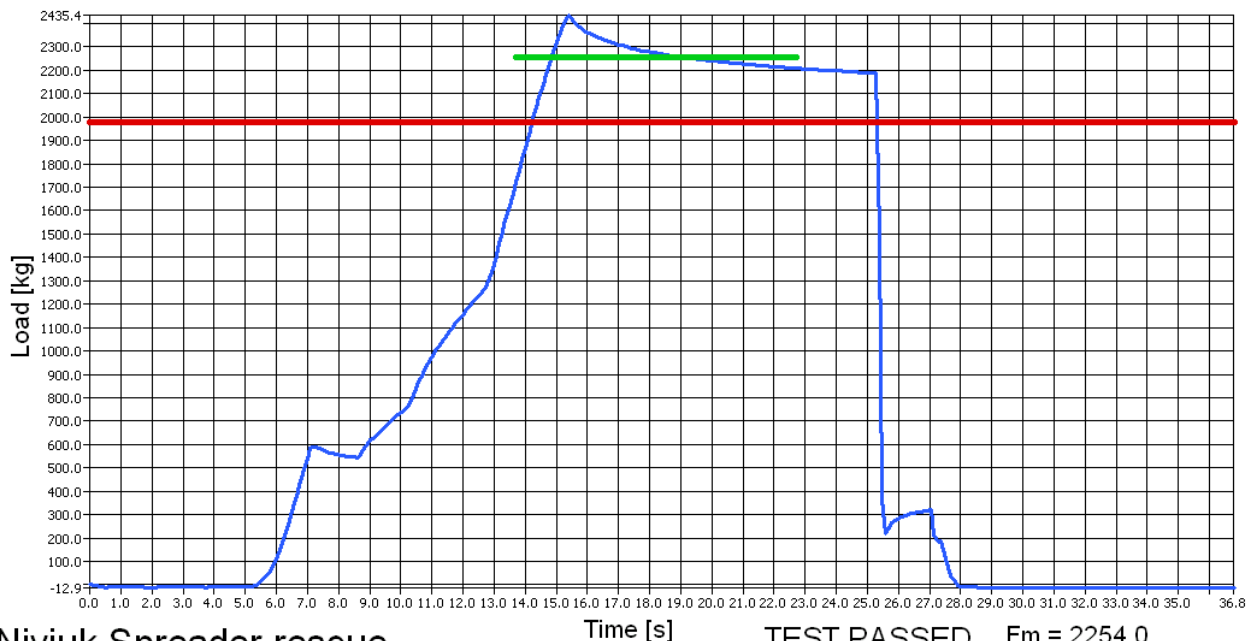
Tested successfully, up to 1980 daN during 11 seconds.

Test 3:

The load has been induced from rescue attachment.

Air Turquoise Homologations
LOAD DIAGRAM

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Niviuk Spreader rescue

Test Load [kg] = 1980

TEST PASSED

Fm = 2254.0

4.5.2010 - 16:09

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

Tested successfully, up to 1980 daN during 11 seconds.

Test 4:

