

# Test report - Spreader

**Air Turquoise SA** has thoroughly tested the structural strength of the item mentioned hereunder. The testing procedure has been achieved in accordance with the methodology of the standards

**LTF NFL II-91/09.**

*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.*

Manufacturer's name:	<b>Davinci Products Inc.</b>
Representative:	Jihun Lee
Street:	53 sinchon-gil, Okcheon-myeon, Yangpyeong-gun
Post code / place:	Gyeonggi-do 12505
Country:	Republic of Korea
Identification number:	MISC_061.2017
Item name/type:	<b>Spreaderbar – rigid</b>
Date of inspection:	18.12.2017

## Structural strength test result


The sample has been tested for a maximum load of **220 [kg]** during **10 [s]** at 9 [g].

Remark :



Villeneuve, 18.12.2017

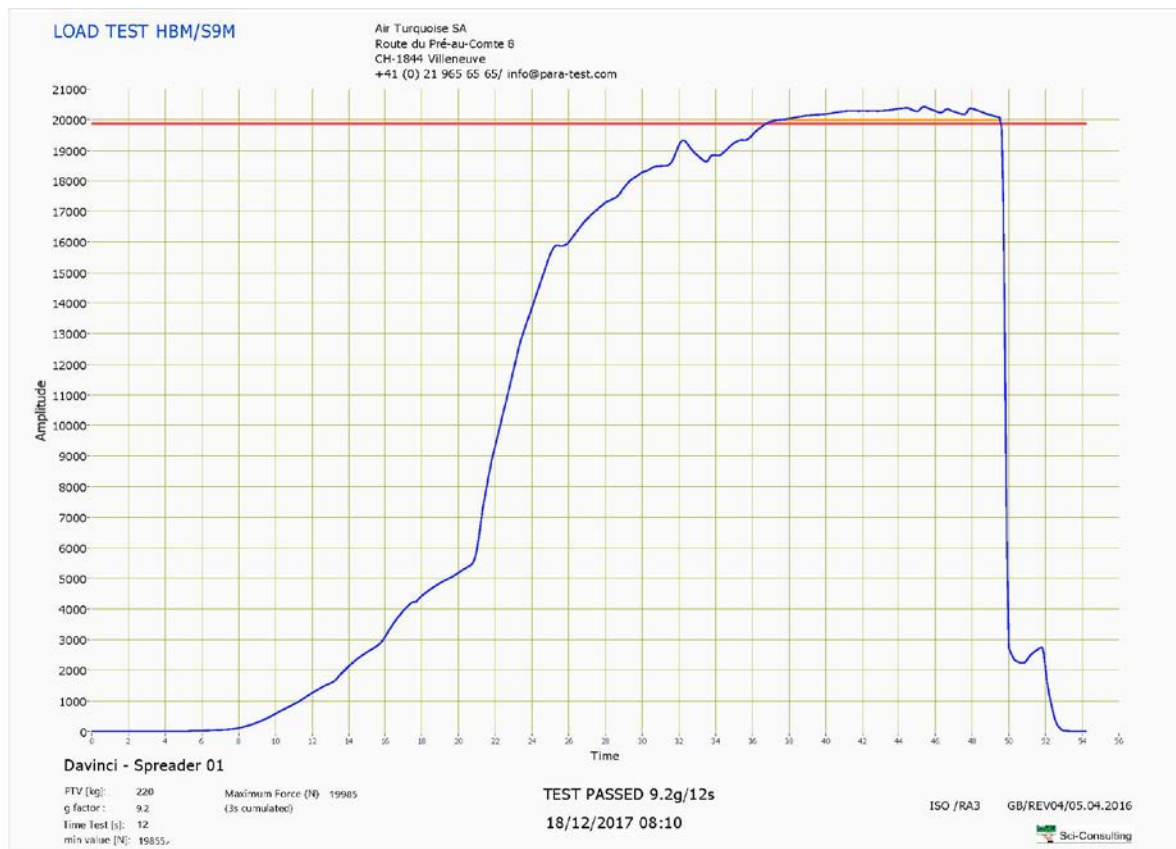
Place and date of issue



Alain Zoller

## Test 1:

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



Tested successfully, up to 19900 [N] more as 10 seconds

## Test 2:

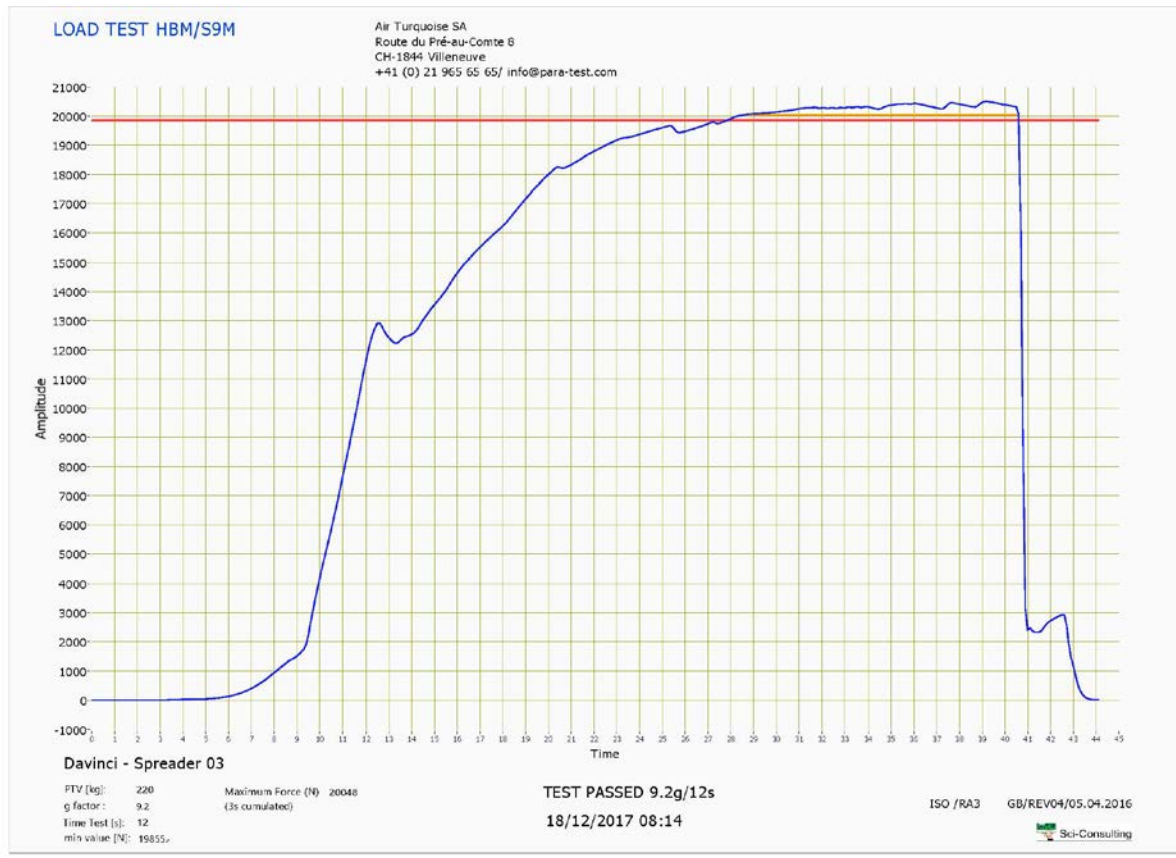
The load has been induced from pilot- and the passenger (short) attachment to the main attachment point to glider.



Tested successfully, up to 20000 [N] more as 10 seconds

### Test 3:

The load has been induced from rescue - and the passenger (short) attachment strait without the main attachment point.



Tested successfully, up to 20000 [N] more as 10 seconds

## Test 4:

The load has been induced from rescue - and the passenger (long) attachment strait without the main attachment point.

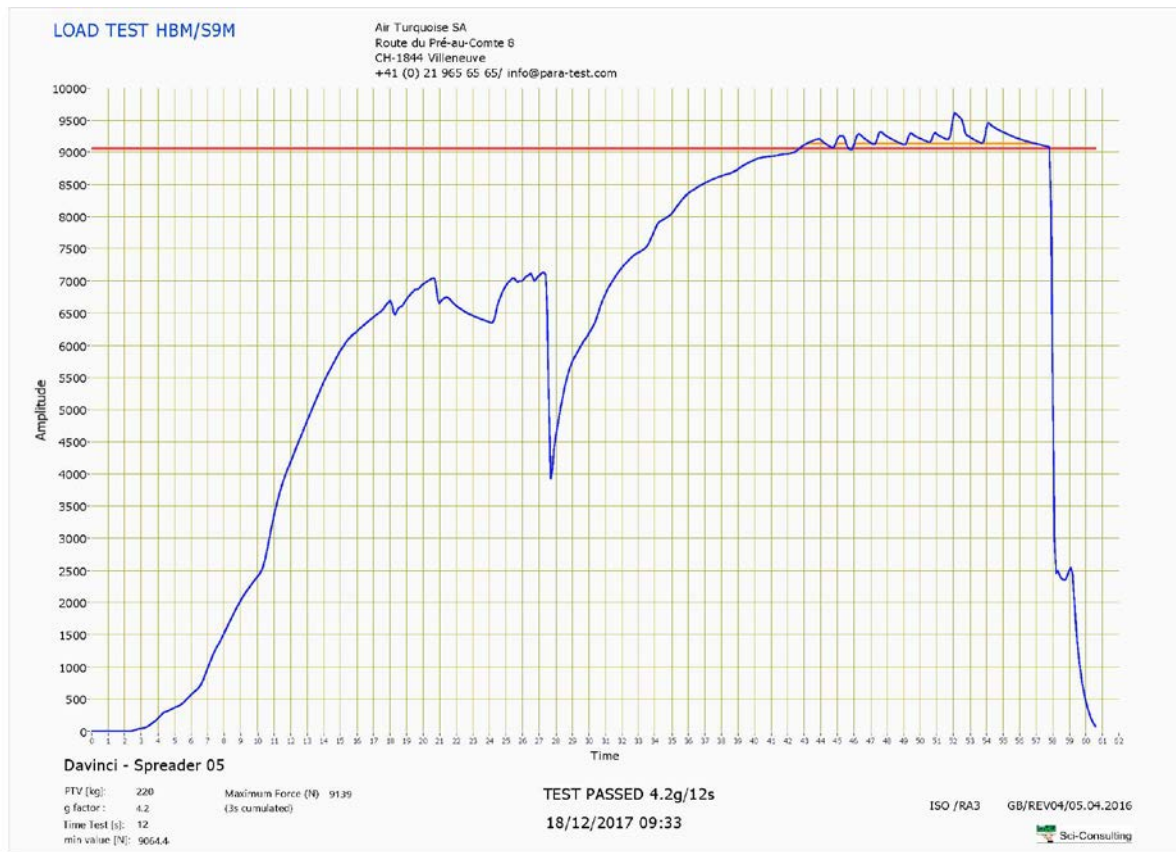


Tested successfully, up to 19900 [N] more as 10 seconds



**Test 5:**

The load has been induced from the main attachment and between the spreader bar.



Tested successfully, up to 4g more as 10 seconds