

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:	Advance Thun AG
Representative:	Rolf Zeltner
Street:	Uttigenstrasse 87
Post code / place:	3600 Thun
Country:	Switzerland
Identification number:	MISC_029.2017
Item name/type:	Spreaderbar - soft
Date of inspection:	01.03.2017

Structural strength test result

The sample has been tested for a maximum load of **230** [kg] during **10** [s] at 9 [g].

Remark :



Villeneuve, 01.03.2017

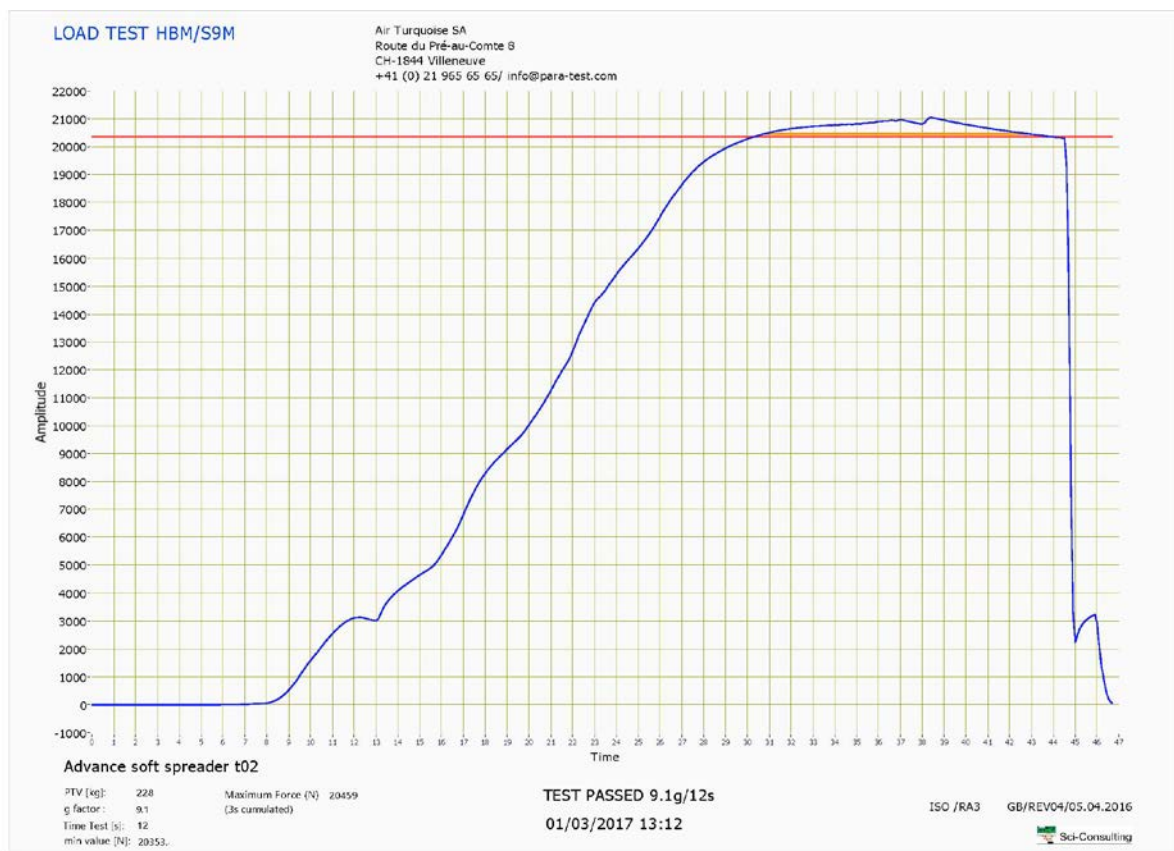
Place and date of issue



Alain Zoller

Test 1:

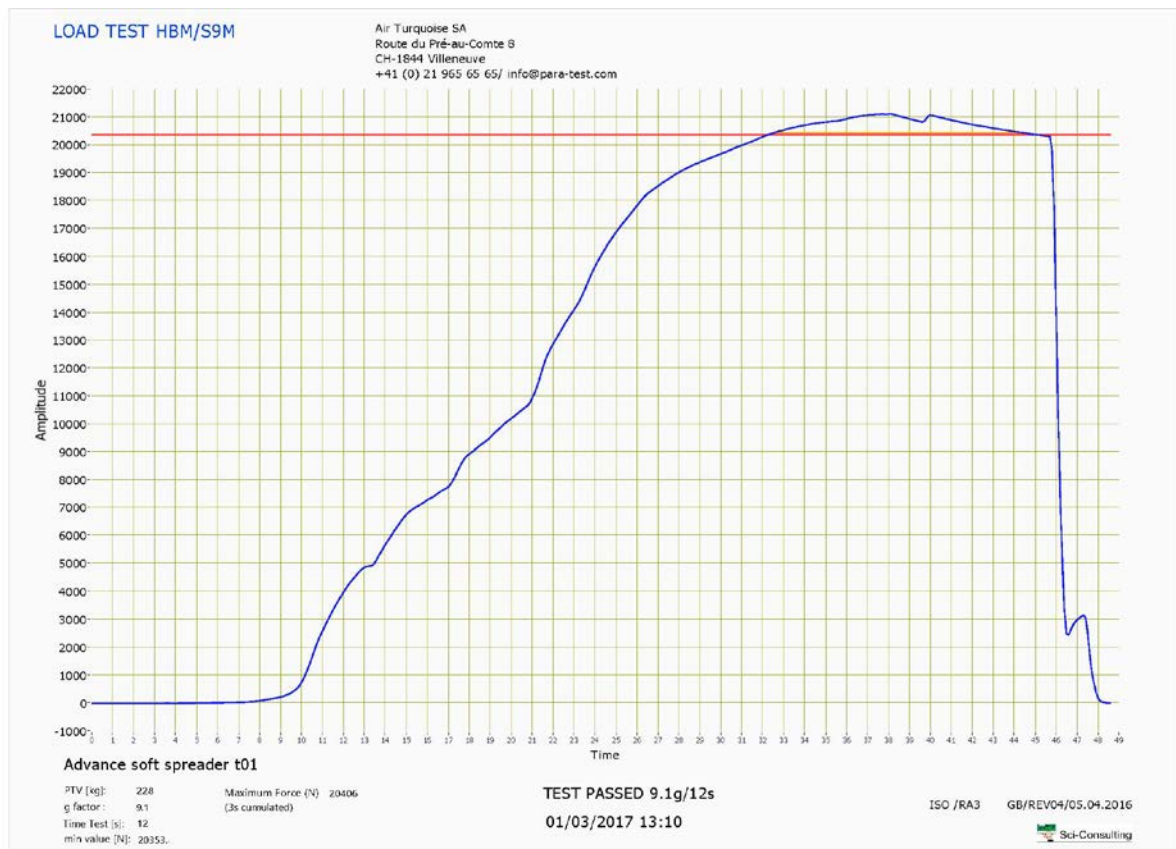
The load has been induced from pilot to passenger attachment to the main attachment point of glider (written on the spreader n° 1).



Tested successfully, up to 20406 [N] more as 10 seconds

Test 2:

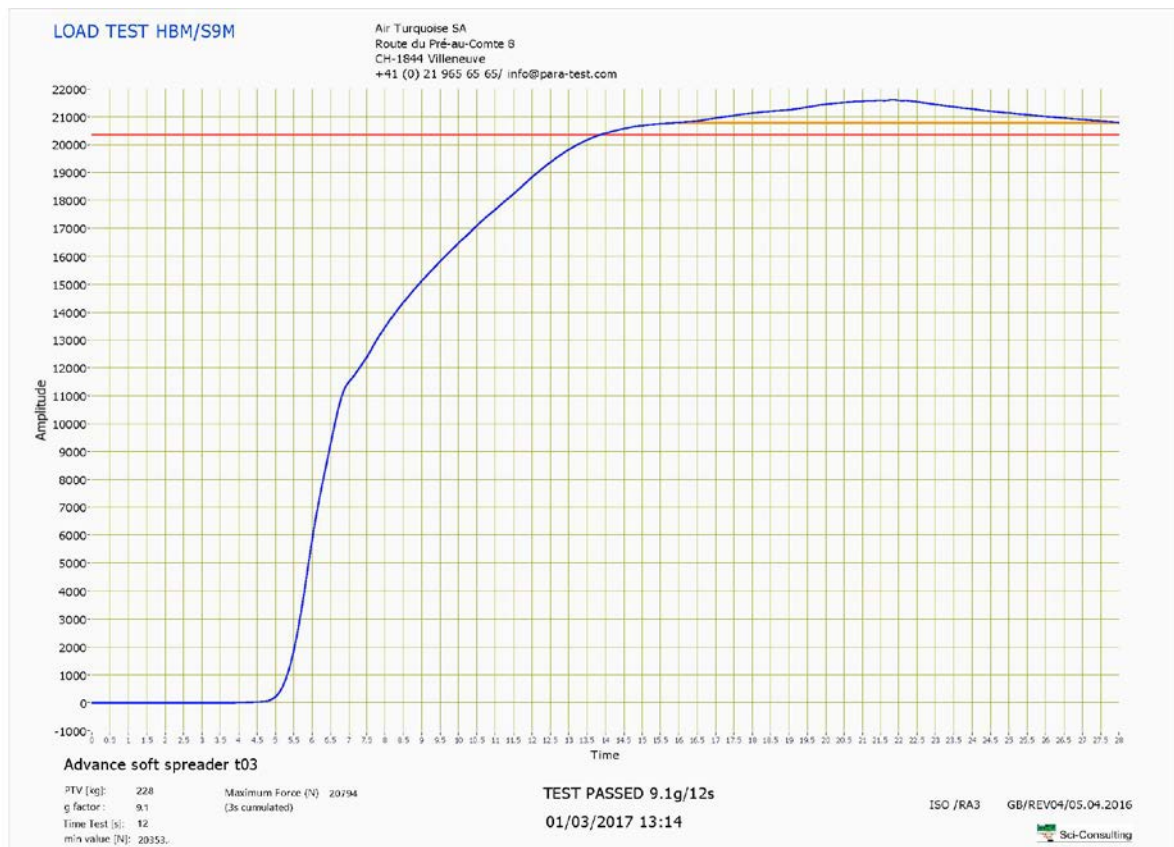
The load has been induced from pilot to passenger attachment to the main attachment point of glider (written on the spreader n° 2).



Tested successfully, up to 20406 [N] more as 10 seconds

Test 3:

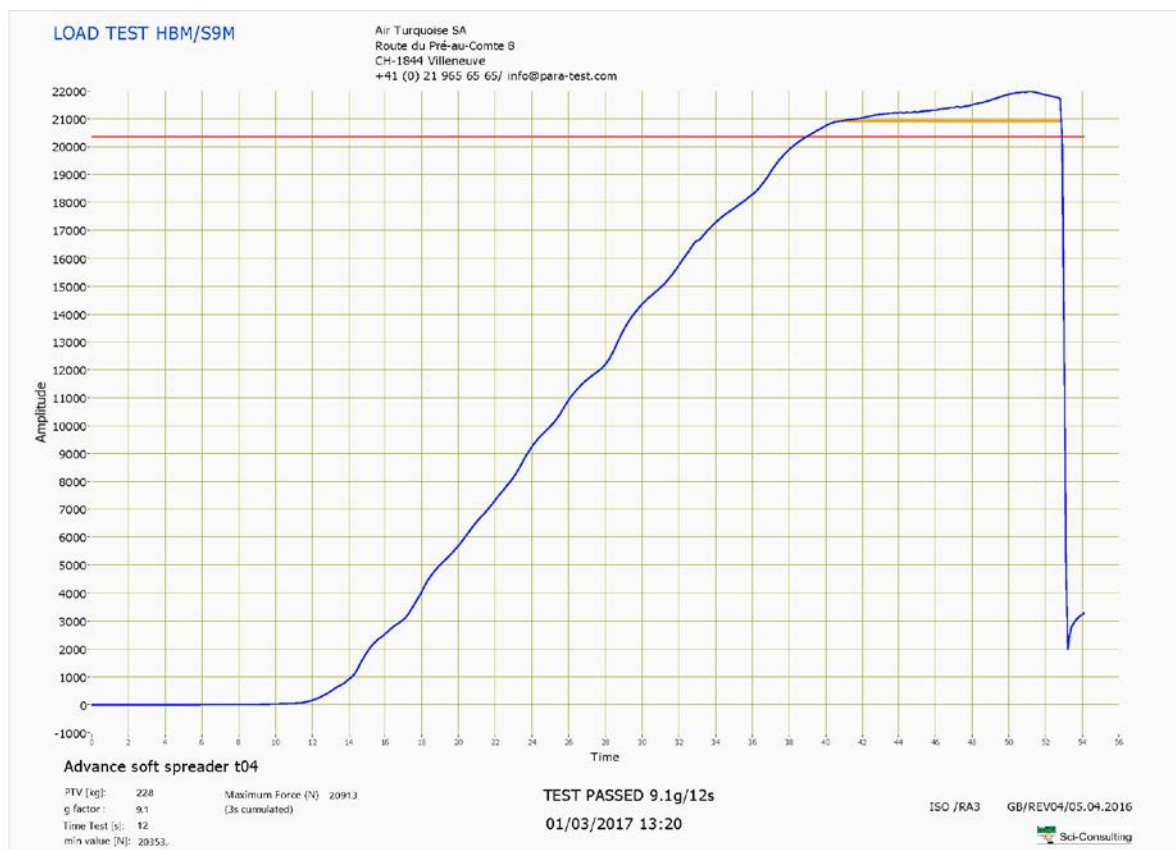
The load has been induced from pilot to passenger attachment to the main attachment point of glider (written on the spreader n° 3).



Tested successfully, up to 20794 [N] more as 10 seconds

Test 4:

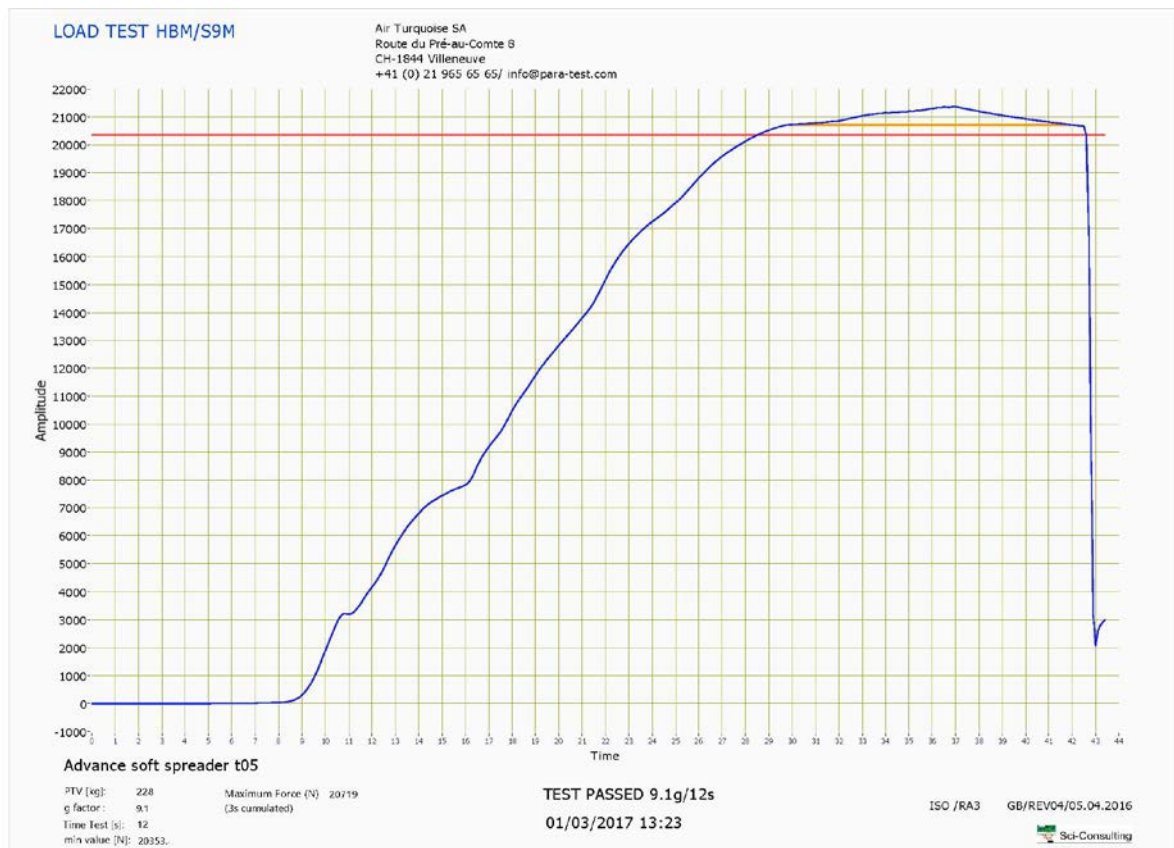
The load has been induced from pilot to passenger attachment to the rescue attachment (marking in RED). The test was done in the way as it should be.



Tested successfully, up to 20913 [N] more as 10 seconds

Test 5:

The load has been induced from pilot to passenger attachment to the rescue attachment (marking in RED). The test was done in opposite way of how the riser rescue is mounting.



Tested successfully, up to 20719 [N] more as 10 seconds