

Harness Spreader Report

Inspection certificate number: **MISC 159.2020**

Manufacturer data:

Manufacturer name: **Davinci Products Inc.**
 Representative: **Jihun Lee**
 Street: **53 sinchon-gil, Okcheon-myeon, Yangpyeong-gun**
 Post code place: **Gyeonggi-do 12505**
 Country: **Republic of Korea**

Sample data:

Name Spreader **Soft**
 Max Load [kg]: **250**
 Serial number: **n/a**
 Date of reception: **29.09.2020**

Test data

Place of test **Villeneuve**
 Date of test: **05.10.2020**
 Inspector: **Alain Zoller**

Atmosphere AGL:

[C°] 21
RH [%] 54
[hPa] 965

Summary of Spreader's test

Test id	Test configuration ⁽²⁾	Top Att. Point	Bottom Attachement point	Min. Load [N]	Result
1	Induced load from the pilot and a heavy passenger (short) to the main point	Main	Pilot Short	22459.50	POSITIVE
2	Induced load from the pilot and a light passenger (long) to the main point	Main	Pilot Long	22459.50	POSITIVE
3	Induced load from the pilot and a heavy passenger (short) to the rescue point	Rescue	Pilot Short	22459.50	n/a
4	Induced load from the pilot and a light passenger (short) to the rescue point	Rescue	Pilot Long	22459.50	n/a
5	Induced load from the main point to between the spreader bar	Main	between the spreader bar	9982.00	n/a

Issue data

Place of declaration **Villeneuve**
 Date of issue: **05.10.2020**

Managing director **Alain Zoller**
 Signature: 

Manufacture	Instrument	Type no	S/N	Validity Calibration
HBM	Load Sensor GE01	1-S9M/50KN-1	31314643	04.09.2023

This signature approve the validity of the test reports if available. Air Turquoise SA, having thoroughly assessed the sample mentioned above, declare it was found conform with all requirements defined by the following norms:

Airworthiness Requirements 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.

⁽¹⁾ Calculated value in tests reports include the value minus the uncertainty (on safe side) / The uncertainty stated is the expanded uncertainty obtained by multiplying the standard uncertainty by the coverage factor $k = 2$. The value of the measurand lies within the assigned range of values with a probability of 95%.

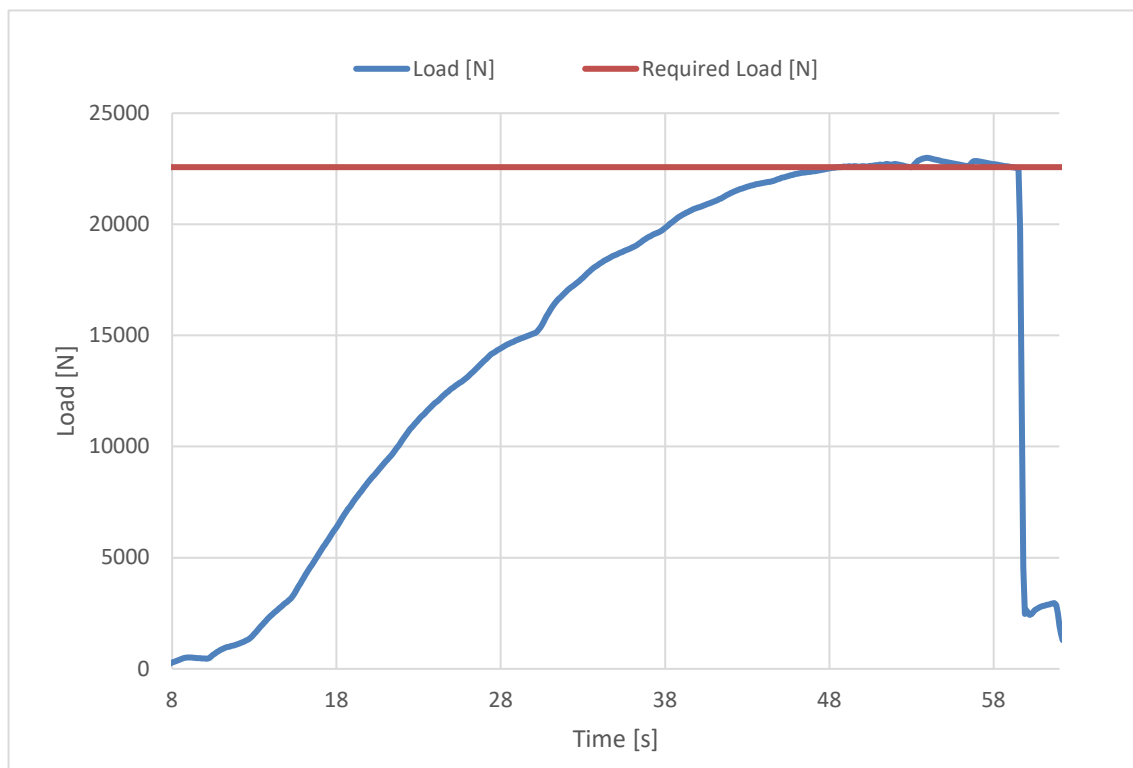
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Name Spread **Soft**

Test 1

Standard	LTF NfL II 91/09
Test setup	Induced load from the pilot and a heavy passenger (short) to the main point
Min. Required load [g]	9
Min. Required load [N]	22459.5
Min. Required duration [s]	10
Result	
Test duration [s]	10.6
Any signs of structural failure	No
Test results	POSITIVE



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Name **Spread Soft**

Test 2

Standard	LTF NfL II 91/09
Test setup	Induced load from the pilot and a light passenger (long) to the main point
Min. Required load [g]	9
Min. Required load [N]	22459.5
Duration [s]	10
Result	
Test duration [s]	22
Any signs of structural failure	Yes
Test results	POSITIVE

