#### **Test Report**

This test report describes the test results of the below mentioned paragliding harness.

All the tests were carried out by:

Air Turquoise SA, official test laboratory of Switzerland.



**Standards** 

Tests were carried out in conformity with the following standards:

- NACHRICHTEN FÜR LUFTFAHRER 57 DEZEMBER 2009 NfL II 91 / 09 (\*note: in what follows this will be abbreviated by "LTF")
- European Standard EN1651 September 1999 (\*note in what follows this will be abbreviated by "EN")
- European Standard EN12491 September 2001 (\*note in what follows this will be abbreviated by "EN12491")

#### Harness details

Manufacturer:	SUPAIR - VLD
Harness model / Size:	Skypper FR medium
SN:	<u>1955 23 5746</u>
Harness Weight:	5.9 kg
Maximum certified pilot weight:	120 kg
Impact protection type:	Mousse bag
Harness type:	ABS
Test responsible:	Alain Zoller
Test place:	Villeneuve
Test date:	December 16, 2014
Test room temp & humidity:	21,8° C; 45 %rel
Certification number EN:	PH 061.2014
Certification number LTF:	GZ 061.2014



Test summary

#### A. STRUCTURAL STRENGHT TESTS

A test plan was set up in order to execute the different tests in an efficient order. The table below summarizes this test plan together with the applicable standards and results.

		Standa	ard Ref.	٩	Anch	oring	For	ces	Min.	
Test ID	TESTED ?	EN 1651	LTF	TEST setup	Attach - ment points	Dummy	Req. Load in g	Min. force [N]	Test durat ion [sec]	Result
1	~	5.3.2.1	4.2.1.a	Default flying	2 main attachment	Hip fixated	6g 9g	6000 9000	10	ОК
2	✓	5.3.2.2		position	points		15g	15000	5	ОК
3	✓		4.2.1.b	Default, <b>landing</b>	2 main att.	Hip fixated,	6g	6000	10	ОК
4	✓	5.3.2.7		position	points	landing conf.	15g	15000	5	ОК
5	✓		4.2.1.a rescue	Rescue		Hip fixated	9g	9000	10	ОК
6	$\checkmark$	5.3.2.4			2 rescue att. Pnts.		15g	15000	5	ОК
7	✓		4.2.1.b rescue	<b>Rescue</b> , landing	11113.	Hip fixated, landing conf.	6g	6000	10	ОК
8	✓	5.3.2.3		One riser	ONE main att.	1 central hip fixation	6g	6000	10	ОК
9		5.3.2.5	4.2.1.d	Towing	2 main att. + 2 tow att.	None	3g 5g	3000 5000	10	n/a
10	~	5.3.2.6		Default, <b>Neqatif</b>	One main att.	Head fix.	4.5g	4500	10	ОК
11	~		4.2.1.c	Upside down	2 main att. downw.		6g	6000	10	ОК
12	✓		4.2.1.c rescue	Upside down rescue	2 rescue att. downw.	Head fix.	6g	6000	10	ОК

#### **B. HARNESS PROTECTION SHOCK TEST**

Most paraglider harnesses are equipped with a protection device that damps the shock on the pilot's spine during a hard landing.

Shock impact tests have to be executed on these harnesses in order to prove the damping characteristics of it.

page 2 of 4



Test ID	TESTED ?	Standa rd Ref.: LTF	TEST setup	Ancl Attach- ment points	horing	Max. tolerated peak impact in g	Max Peak impact M measured	lmpact duration of +38 g (if any) recorded:	l mpact duration of +20 g (if any) recorded:	Result
PRO TECT 1	~	5.1.1	Default flying position	the harness	is attached to s like a pilot in ight.	+50g	40.95	5.05	23.5	ОК

#### C. RESCUE DEPLOYMENT RESISTANCE TEST

The deployment of the rescue system has to be ensured in all circumstances of flight. This test is to verify whether the force needed to deploy is in between reasonable limits.

Fest ID	rested ?	Standa rd Ref. LTF	TEST setup	Attach- ment E points E		Force for sir Min. force [N]	ngle han wax. force [N]	d deployment Resistance measured [daN]	Result
Resc depl	✓	6.1.5	Default flying position	attached to like a pil	ponisble is the harness ot in flight. ny required)	20 N	70 N	n/t	ок

#### D. RESCUE DEPLOYMENT STRAP STRENGHT TEST

The connection between handgrip and inner container has to have sufficient load capacity/structural strength in any situation that may arise during normal use. During this test is verified, whether this connection fulfill the requirements.

Test ID	TESTED ?	Standa LTF	ard Ref. EN 12491	TEST setup	Minimum force [N]	Min. Test durati on [s]	Breaking resistance measured	Result
Resc strap	~	6.1.8	5.3.2	Connection strap in tensile testing machine	700N	10	n/t	ОК

page 3 of 4



After careful examination as explained in above mentioned test reports (from page 2 to page 18), the undersigned persons declare that the harness:

SUPAIR - VLD Skypper FR medium 1955 23 5746

Complied with:

• European Standard EN 1651 September 1999

And / or (if tested)

European Standard EN 12491 March 2001

And / or (if tested)

• NACHRICHTEN FÜR LUFTFAHRER 57 DEZEMBER 2009 NfL II 91 / 09

Villeneuve, December 16, 2014

Alain Zoller

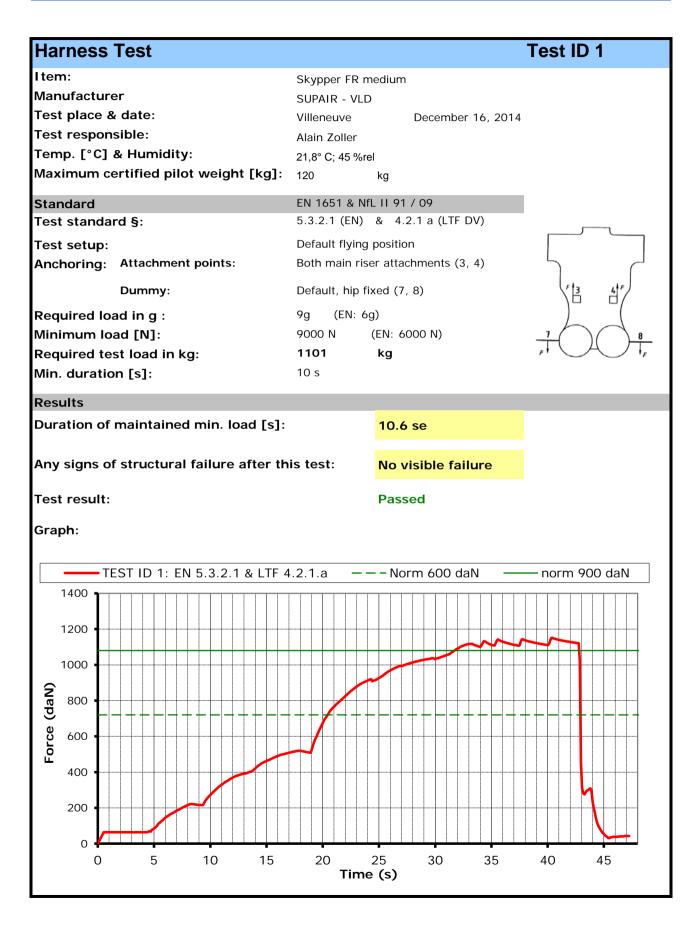
Test responsible

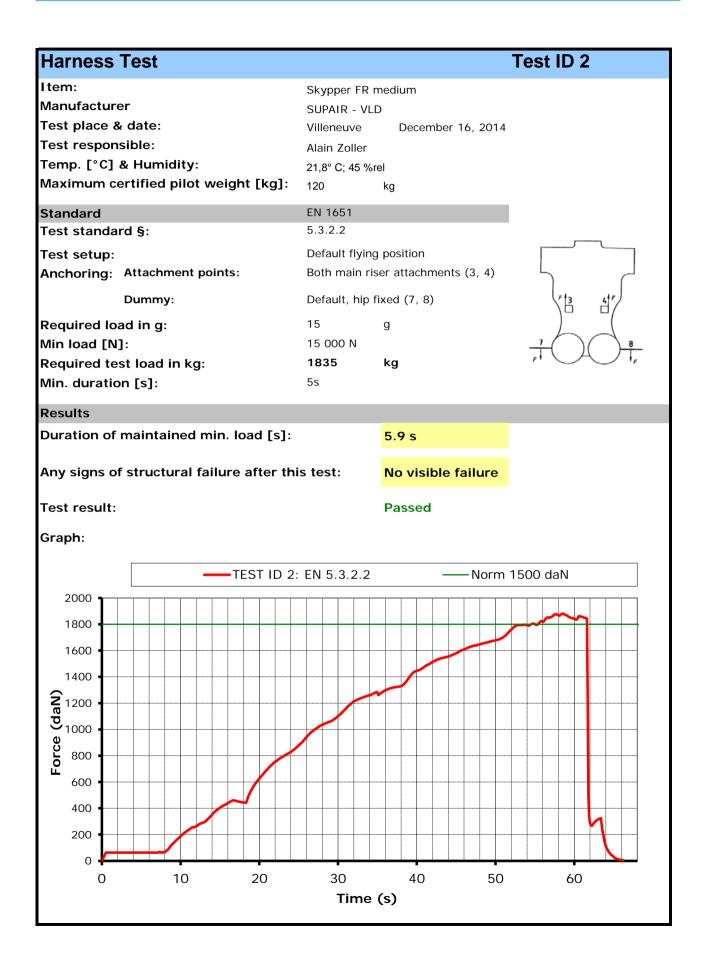
page 4 of 4

Place, Date



#### Annex: detailed test reports





Harness Test			Test ID 3	
Item:	Skypper FR medi	ium		
Manufacturer	SUPAIR - VLD			
Test place & date:	Villeneuve	December 16, 2014		
Test responsible:	Alain Zoller			
Temp. [°C] & Humidity:	21,8° C; 45 %rel			
Maximum certified pilot weight [kg]:	120	kg		
Standard	NfL II 91 / 09			
Test standard §:	4.2.1.b			
Test setup:		efore landing: seat ding position, leg d.	3/4	
Anchoring: Attachment points:	attached (3 and 4	Both of the main riser attachments attached (3 and 4);		
Dummy:	Default, hip fixed	(7, 8)	10	
Required load in g:	6	g	7/8 11	
Min load [N]:	6000 N			
Required test load in kg:	734	kg		
Min. duration [s]:	10 s			
Results				
Duration of maintained min. load [s]:		11.1 s		
Any signs of structural failure after thi	is test:	No visible failure		
Test result:		Passed		
Graph:				
TEST ID 3: LT	TF 4.2.1.b	Norm 60	D daN	
900				
800				
700			m	
€ <sup>600</sup>				
9 400				
g 400 -				
й 300 -				
200				
100				
o				
0 10 20	30	40 5	60	

Harness Test		Test ID 4
l tem: Manufacturer Test place & date: Test responsible: Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	Skypper FR medium SUPAIR - VLD Villeneuve December 16, 20 Alain Zoller 21,8° C; 45 %rel 120 kg	014
Standard	EN 1651	
Test standard §:	EN 5.3.2.7	
Test setup: Anchoring: Attachment points:	Flying position before landing: se board (11) in landing position, leg straps (10) closed. Both of the main riser attachmen	
Dummy:	attached (3 and 4); Default, hip fixed (7, 8)	
Required load in g:	15 g	10
Min load [N]:	15 000 N	7/8 5 11
Required test load in kg:	1835 kg	
Min. duration [s]:	5 s	
Results		
Duration of maintained min. load [s]:	<mark>5.9 s</mark>	
Any signs of structural failure after this	test: No visible failur	e
Test result:	Passed	
Graph:		
TEST ID 4: EN	5.3.2.7 — Norm 1	500 daN
2000		
<b>R</b> 1500		
P 1500 • 10000 • 10000 • 1000 • 1000 • 1000 • 1000 • 1000 • 1000 • 1000 • 1000		
500		
0 10 20	30 40	50

Harness Test	Test ID 5
l tem: Manufacturer Test place & date: Test responsible: Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	Skypper FR wedium SUPAIR - VLD Villeneuve December 16, 2014 Alain Zoller 21,8° C; 45 %rel 120 kg
Standard Test standard §: Test setup: Anchoring: Attachment points: Dummy: Required load in g: Min load [N]: Required test load in kg:	NfL II 91 / 094.2.1.a rescueRescue attachmentsRescue riser attachments (1,2)Hip fixed (7, 8)9g9 000 N1101kg
Min. duration [s]: Results Duration of maintained min. load [s]: Any signs of structural failure after this Test result: Graph:	10 s 10 s 10.5 s s test: No visible failure Passed
TEST ID 5: LTF 4.2	2.1.a.rescue — Norm 900 daN

Harness Test			Test ID 6	
l tem: Manufacturer Test place & date: Test responsible: Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	Skypper FR medium SUPAIR - VLD Villeneuve De Alain Zoller 21,8° C; 45 %rel 120 kg	cember 16, 2014		
Standard	EN 1651			
Test standard §:	5.3.2.4			
Test setup:	Rescue attachments			
Anchoring: Attachment points:	Rescue riser attachme	Rescue riser attachments (1,2)		
Dummy:	Hip fixed (7, 8)			
Required load in g:	15 g		) (	
Min load [N]:	15 000 N		7 6 8	
Required test load in kg:	1835 kg		FT A TF	
Min. duration [s]:	5 s			
Results				
Duration of maintained min. load [s]	5.7 s			
Any signs of structural failure after t	nis test: No vis	ible failure		
Test result:	Passe	d		
Test result: Graph:	Passed	d		
Graph:				
Graph: ——TEST ID	Passed 6: EN 5.3.2.4	d Norm 15	00 daN	
Graph: 			D0 daN	
Graph: 				
Graph: 			D0 daN	
Graph: 			D0 daN	
Graph: 			D0 daN	
Graph: 			DO daN	
Graph: 			D0 daN	
Graph: 2000 1800 1600 1400 1200 1000			DO daN	
Graph: 			D0 daN	
Graph: 			D0 daN	
Graph:	6: EN 5.3.2.4	Norm 150		
Graph: 			D0 daN	

Harness Test				Test ID 7
I tem: Manufacturer Test place & date: Test responsible: Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	Skypper FR m SUPAIR - VLD Villeneuve Alain Zoller 21,8° C; 45 %re 120	Decembe	er 16, 2014	
Standard Test standard §:	NfL II 91 / 09 4.2.1.b rescue			1/2
Test setup: Anchoring: Attachment points:	Flying position board (11) in straps (10) cl Both of the re	n before landir landing positi osed. scue riser atta	on, leg	1/2 []
Dummy:	attached (1 a Default, hip fi			
Required load in g: Min load [N]: Required test load in kg: Min. duration [s]:	6 6 000 N <b>734</b> 10 s	g kg		7/8 / 11
Results				
Duration of maintained min. load [s]:		11.3 s		
Any signs of structural failure after th	is test:	No visible	failure	
Test result:		Passed		
Graph:				
TEST ID 7: L	TF 4.2.1.b.re	scue	Nor	m 600 daN
800 <b>1</b>				
700			$\sim$	
600 •				
<b>Second Second S</b>				
200				
<u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u><u></u></u>				
200				
0 5 10	15 <b>Time</b>		5 3	30 35

Annex TEST ID 7 GB | REV 01 | 12.12.2014 ISO 9001 | 71.9.3

Harness Test			Test ID 8			
I tem: Manufacturer Test place & date: Test responsible: Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	Skypper FR m SUPAIR - VLD Villeneuve Alain Zoller 21,8° C; 45 %re 120	December 16, 2014	1			
Standard	EN 1651					
Test standard §:	5.3.2.3					
Test setup:	Only one riser	attached	$\sim$			
Anchoring: Attachment points:	One main rise	r attachments (3)	5 ~			
Anchoring. Accountent points.						
Dummy:	Hip fixed (7, 8	Hip fixed (7, 8 -> 12)				
Required load in g:	6	g				
Min load [N]:	6 000 N					
Required test load in kg:	734	kg	1F			
Min. duration [s]:	10 s					
Results						
Duration of maintained min. load [s]:		10.2 s				
Any signs of structural failure after th	is test:	No visible failure				
Test result:		Passed				
Graph:						
	.3.2.3	Norm 6	00 daN			
900						
800						
700						
600 ·						
<b>b</b> 500 <b>· · · · · · · · · · · · · · · · · · </b>						
g 400 -						
u 300 · · · · · · · · · · · · · · · · · ·			<u> </u>			
200 -						
100						
0 10	20 Time	30 40 (s)	50			

Harness Test			-	Test ID 10		
I tem: Manufacturer Test place & date: Test responsible: Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	Skypper FR m SUPAIR - VLC Villeneuve Alain Zoller 21,8° C; 45 %re	) December	16, 2014			
Standard	120 EN 1651	kg				
Test standard §:	5.3.2.6				F	
Test setup:	Normal flying	position in NEG	ATIF		9	
Anchoring: Attachment points:	ONE of the m	ONE of the main riser attachments attached downwards(3 or 4);				
Dummy:	(9)	ored at the head	d position		4	
Required load in g:	4.5	g		< 1		
Min load [N]:	4500 N			()		
Required test load in kg:	550	kg			_	
Min. duration [s]:	10 s			17		
Results						
Duration of maintained min. load [s]:		10.4 s				
Any signs of structural failure after this	s test:	No visible fa	ailure			
Test result:		Passed				
Graph:						
TEST ID 10:	EN 5.3.2.6		Norm 450	daN		
700						
600						
400 • 600 •						
200						
200 •						
200	20	30		40		

Harness Test			Test ID 11
I tem:	Skypper FR r	nedium	
Manufacturer	SUPAIR - VL		
Test place & date:	Villeneuve	December 16, 2014	
Test responsible:	Alain Zoller		
Temp. [°C] & Humidity:	21,8° C; 45 %r	el	
Maximum certified pilot weight [kg]:	120	kg	
Standard	NfL II 91 / 09	9	
Test standard §:	4.2.1.c		↓ <sup>F</sup>
Test setup:	Pilot upside d	lown flying position	
Anchoring: Attachment points:		nain riser attachments nwards (3 and 4);	
Dummy:	Dummy anch (9)	ored at the head position	3 4
Required load in g:	6	g	
Min load [N]:	6 000 N		
Required test load in kg:	734	kg	()))
Min. duration [s]:	10 s		$\Delta$
Results			
		10.6 s	
Duration of maintained min. load [s]: Any signs of structural failure after thi	s test:	10.6 s No visible failure	
Duration of maintained min. load [s]: Any signs of structural failure after thi	s test:		
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result:	s test:	No visible failure	
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: TEST ID 11: L		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph:		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: TEST ID 11: L		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: 900 TEST ID 11: L		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph:		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph:		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: 900 TEST ID 11: L 900 Good Good Good Good Good Good Good Go		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: 900 800 700 600		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: 900 00 00 00 00 00 00 00 00 0		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph:		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph: 900 00 00 00 00 00 00 00 00 0		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph:		No visible failure Passed	600 daN
Duration of maintained min. load [s]: Any signs of structural failure after thi Test result: Graph:		No visible failure Passed	600 daN

Harness Test			Test ID 12
I tem:	Skypper FR medium		
Manufacturer	SUPAIR - VLD		
Test place & date:	Villeneuve De	ecember 16, 2014	
Test responsible:	Alain Zoller		
Temp. [°C] & Humidity:	21,8° C; 45 %rel		
Maximum certified pilot weight [kg]:	120 kg		
Standard	NfL II 91 / 09		
Test standard §:	4.2.1.c rescue		$1 + \frac{1}{2} + \frac{1}{2}$
Test setup:	Pilot upside down flying	g position	_f@`_f_
Anchoring: Attachment points:	Both of the rescue rise attached downwards (		
Dummy:	Dummy anchored at th (9)	he head position	
Required load in g:	6 g		) (
Min load [N]:	6 000 N		$\square$
Required test load in kg:	734 kg		$\square$
Min. duration [s]:	10 s		
Results			
Results Duration of maintained min. load [s]:	10.3 s	5	
		sible failure	
Duration of maintained min. load [s]:		sible failure	
Duration of maintained min. load [s]: Any signs of structural failure after th Test result:	nis test: No vis	sible failure	
Duration of maintained min. load [s]: Any signs of structural failure after th Test result: Graph:	nis test: No vis	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after th Test result: Graph:	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 800	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 800 700	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 800 700 600	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 800 700 600	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 900 900 900 900 900 900 90	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph:	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 900 900 900 900 900 900 90	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph:	nis test: No vis Passe	sible failure d	500 daN
Duration of maintained min. load [s]: Any signs of structural failure after the Test result: Graph: 900 800 700 600 600 500 90 800 700 90 800 700 800 8	nis test: No vis Passe	sible failure d	

Protector she	ock test	Test ID Prote	ect
I tem: Manufacturer Test place & date Test responsible: Temp. [°C] & Hu Maximum certifie	:	Skypper FR medium SUPAIR - VLD Villeneuve December 16, 2014 Alain Zoller 21,8° C; 45 %rel 120 kg	
		Nfl II 91 / 09	
Standard			
Test standard §: Test setup:		<ul><li>5.1.1</li><li>Harness attached to protector test dummy, in a similar way real pilot in flight.</li><li>Impact will be simulated by dropping the dummy from a cer height (with and without reserve).</li></ul>	
		To simulate the "in-flight" conditions, the airbag is inflated v pressurized air equalling an airspeed of 7m/s. Inflation has stopped at least 5 sec before impact.	to be
		Impact will be measured by an accelerometer mounted on t dummy. (Impact measured in g's)	ne
Requirements:	Minimun height:	1.65 m (between lowest point test dummy and impact surfa	ace)
	Impact requirements:	+50g as absolute maximum;	
		+38g during less than 7 msec; +20g during less than 25 msec.	
	Repetitions:	The test will be performed 2 times, minimum 1 hour and maximum 2 hours after the first impact (with airbag protect this pause is not necessary). The 2 Max-values should not d more than 20%	
Results			
<u>Shock test 1:</u>			
Impact at a heig	ht of 1.65m:	40.95	
Impact duration of+ 38 g (if any):		5.05	
Impact duration	of +20 g (if any):	23.5	
<u>Shock test 2:</u>		<u>Δ &lt; 20 % ?</u>	
Impact at a height of 1.65m:		42.26	
Impact duration of+ 38 g (if any):		5.03	
Impact duration	of +20 g (if any):	19.31	
Toot Desults		Deced	

Passed

Test Result:

Annex TEST ID Protect 1 GB | REV 01 | 12.12.2014 ISO 9001 | 71.9.3

Air Turquoise SA Rte du Pré-au-Comte 8 | CH-1844 Villeneuve tel. +41 21 965 65 65 | mobile +41 79 202 52 30 info@para-test.com

Graph 1:

15

5

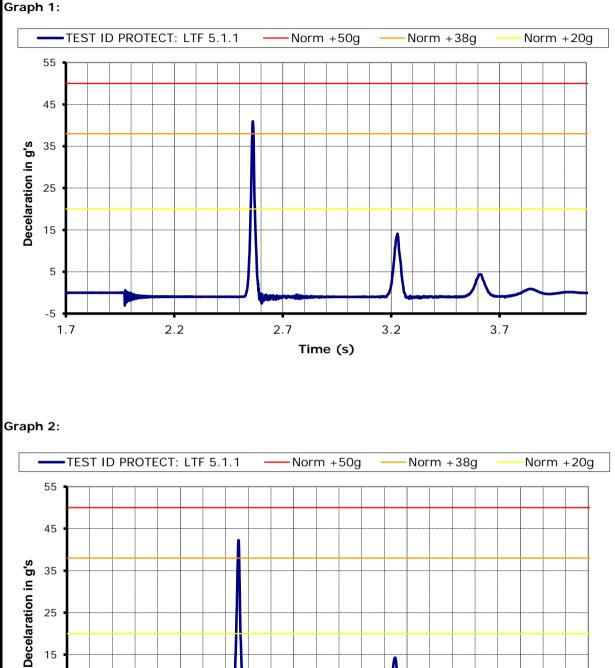
-5 2.2

2.7

para-test.com

V

paragliding by air turguoise



3.2

Time (s)

3.7

4.2

-	ce test Test ID resc
l tem: Manufacturer	Skypper FR medium SUPAIR - VLD
Test place & date: Test responsible:	Villeneuve December 16, 2014 Alain Zoller
Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	21,8° C; 45 %rel 120 kg
Standard	Nfl 11 91 / 09
Test standard §:	6.1.5
Test setup:	The deployment of the rescue system has to be ensured in all circumstances, especially with a damaged glider.
	The pilot has to be able to deploy the rescue chute with a single pull out of the outer container, single handed and in an anatomical favorable direction.
	In order to simulate this, the test responsible deploys the rescue seated in the harness. In a similar way as in real flight. The deployment resistance is approximately measured by the load cell, which is placed between the hand of the test responsible and the rescue hand grip.
	On the other hand inadvertent deployment has to be fairly remote. Therefore a shear link has to withstand a minimum load.
Requirements: Max force for single hand deployment: Min force to prevent unwanted opening:	approx. 70 N approx. 20 N
Results	
Measured peak to peak required force	5.9 daN
Measured peak to peak required force for deployment [daN]:	
Measured peak to peak required force	5.9 daN Passed
Measured peak to peak required force for deployment [daN]:	
Measured peak to peak required force for deployment [daN]: Comment:	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph:	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph:	Passed
Measured peak to peak required force for deployment [daN]: Comment: Graph: TEST ID rescue deployr	Passed

Annex TEST ID resc depl GB | REV 01 | 12.12.2014 ISO 9001 | 71.9.3

Rescue deployment strap stre	ngth test Test ID resc strap
l tem: Manufacturer Test place & date:	Skypper FR medium SUPAIR - VLD Villeneuve December 16, 2014
Test responsible:	Alain Zoller
Temp. [°C] & Humidity: Maximum certified pilot weight [kg]:	21,8° C; 45 %rel
Maximum certined phot weight [kg].	120 kg
Standard	EN 12491 & Nfl II 91 / 09
Test standard §:	5.3.2 (EN 12491) & 6.1.8 (LTF)
Test setup:	The handgrip of the outer container has to be connected to the inner container with a removable loop in a way that it is possible to use the inner container with different types of outer containers. The connection between handgrip and inner container has to have sufficient load capacity/structural strength in any situation
	that may arise during normal operation.
	In order to verify this, the connection is tested on its tensile strength by a default tensile testing setup.
	In addition to this the breaking resistance will also be measured.
Requirements: Min. tensile strenght for 10 s:	700 N (= 70daN)
Results	
Duration of maintained load [s]:	< 10 sec
Breaking resistance [daN]:	120.2
Comment:	Passed
Graph:	
TEST ID rescue st	rap strenght Min 70 daN
140 120 120 120 100 100 100 100 10	
	Time (s)