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Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013 & LTF 91/09

Manufacturer	**ADVANCE Thun AG**	Certification number	PG_1112.2016
Address	Uttigenstrasse 87 3600 Thun Switzerland	Date of flight test	20. 09. 2016
Glider model	**Bibeta 6 41**	**Classification**	**B**
Serial number	68964	Representative	None
Trimmer	yes: opened	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Thurnheer Claude	Zoller Alain
Harness	Advance - Bi pro 2	Advance - Bi pro 2
Harness to risers distance (cm)	44	44
Distance between risers (cm)	55	55
Total weight in flight (kg)	110	225

1. Inflation/Take-off	**A**			
Rising behaviour	Smooth, easy and constant rising	A	Smooth, easy and constant rising	A
Special take off technique required	No	A	No	A
2. Landing	**A**			
Special landing technique required	No	A	No	A
3. Speed in straight flight	**A**			
Trim speed more than 30 km/h	Yes	A	Yes	A
Speed range using the controls larger than 10 km/h	Yes	A	Yes	A
Minimum speed	Less than 25 km/h	A	Less than 25 km/h	A
4. Control movement	**A**			
Max. weight in flight up to 80 kg				
Symmetric control pressure / travel	not available	0	not available	0
Max. weight in flight 80 kg to 100 kg				
Symmetric control pressure / travel	not available	0	not available	0
Max. weight in flight greater than 100 kg				
Symmetric control pressure / travel	Increasing / greater than 65 cm	A	Increasing / greater than 65 cm	A
5. Pitch stability exiting accelerated flight	**0**			
Dive forward angle on exit	not available	0	not available	0
Collapse occurs	not available	0	not available	0
6. Pitch stability operating controls during accelerated flight	**0**			
Collapse occurs	not available	0	not available	0
7. Roll stability and damping	**A**			
Oscillations	Reducing	A	Reducing	A
8. Stability in gentle spirals	**A**			
Tendency to return to straight flight	Spontaneous exit	A	Spontaneous exit	A
9. Behaviour exiting a fully developed spiral dive	**A**			
Initial response of glider (first 180°)	Immediate reduction of rate of turn	A	Immediate reduction of rate of turn	A
Tendency to return to straight flight	Spontaneous exit (g force decreasing, rate of turn decreasing)	A	Spontaneous exit (g force decreasing, rate of turn decreasing)	A

Turn angle to recover normal flight	Less than 720°, spontaneous recovery	A	Less than 720°, spontaneous recovery	A
10. Symmetric front collapse	**B**			
Approximately 30 % chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in 3 s to 5 s	B	Spontaneous in less than 3 s	A
Dive forward angle on exit Change of course	Dive forward 0° to 30° Keeping course	A	Dive forward 0° to 30° Entering a turn of less than 90°	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in 3 s to 5 s	B	Spontaneous in less than 3 s	A
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	A	Dive forward 30° to 60° / Keeping course	B
Cascade occurs	No	A	No	A
Folding lines used	No		No	
With accelerator				
Entry	not available	0	not available	0
Recovery	not available	0	not available	0
Dive forward angle on exit / Change of course	not available	0	not available	0
Cascade occurs	not available	0	not available	0
Folding lines used	Not available		Not available	
11. Exiting deep stall (parachutal stall)	**A**			
Deep stall achieved	Yes	A	Yes	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
Change of course	Changing course less than 45°	A	Changing course less than 45°	A
Cascade occurs	No	A	No	A
12. High angle of attack recovery	**A**			
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Cascade occurs	No	A	No	A
13. Recovery from a developed full stall	**B**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 30° to 60°	B
Collapse	No collapse	A	No collapse	A
Cascade occurs (other than collapses)	No	A	No	A
Rocking back	Less than 45°	A	Less than 45°	A
Line tension	Most lines tight	A	Most lines tight	A
14. Asymmetric collapse	**B**			
Small asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 0° to 15°	A	Less than 90° / Dive or roll angle 15° to 45°	A
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	A
Total change of course	Less than 360°	A	Less than 360°	A
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
Large asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	90° to 180° / Dive or roll angle 15° to 45°	B	90° to 180° / Dive or roll angle 15° to 45°	B
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	A
Total change of course	Less than 360°	A	Less than 360°	A

Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	not available	0	not available	0
Re-inflation behaviour	not available	0	not available	0
Total change of course	not available	0	not available	0
Collapse on the opposite side occurs	not available	0	not available	0
Twist occurs	not available	0	not available	0
Cascade occurs	not available	0	not available	0
Folding lines used	Not available		Not available	
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	not available	0	not available	0
Re-inflation behaviour	not available	0	not available	0
Total change of course	not available	0	not available	0
Collapse on the opposite side occurs	not available	0	not available	0
Twist occurs	not available	0	not available	0
Cascade occurs	not available	0	not available	0
Folding lines used	Not available		Not available	
15. Directional control with a maintained asymmetric collapse	**A**			
Able to keep course	Yes	A	Yes	A
180° turn away from the collapsed side possible in 10 s	Yes	A	Yes	A
Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel	A	More than 50 % of the symmetric control travel	A
16. Trim speed spin tendency	**A**			
Spin occurs	No	A	No	A
17. Low speed spin tendency	**A**			
Spin occurs	No	A	No	A
18. Recovery from a developed spin	**A**			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in less than 90°	A
Cascade occurs	No	A	No	A
19. B-line stall	**A**			
Change of course before release	Changing course less than 45°	A	Changing course less than 45°	A
Behaviour before release	Remains stable with straight span	A	Remains stable with straight span	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
Cascade occurs	No	A	No	A
20. Big ears	**A**			
Entry procedure	Dedicated controls	A	Dedicated controls	A
Behaviour during big ears	Stable flight	A	Stable flight	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
21. Big ears in accelerated flight	**0**			
Entry procedure	not available	0	not available	0
Behaviour during big ears	not available	0	not available	0
Recovery	not available	0	not available	0
Dive forward angle on exit	not available	0	not available	0
Behaviour immediately after releasing the accelerator while maintaining big ears	not available	0	not available	0

22. Alternative means of directional control	**A**			
180° turn achievable in 20 s	Yes	A	Yes	A
Stall or spin occurs	No	A	No	A
23. Any other flight procedure and/or configuration described in the user's manual	**0**			
Procedure works as described	not available	0	not available	0
Procedure suitable for novice pilots	not available	0	not available	0
Cascade occurs	not available	0	not available	0
24. Comments of test pilot				
Comments				

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Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013 & LTF 91/09

Manufacturer	**ADVANCE Thun AG**	Certification number	PG_1112.2016
Address	Uttigenstrasse 87 3600 Thun Switzerland	Date of flight test	20. 09. 2016
Glider model	**Bibeta 6 41**	**Classification**	**B**
Serial number	68964	Representative	None
Trimmer	yes: closed	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Thurnheer Claude	Zoller Alain
Harness	Advance - Bi pro 2	Advance - Bi pro 2
Harness to risers distance (cm)	44	44
Distance between risers (cm)	55	55
Total weight in flight (kg)	110	225

1. Inflation/Take-off	**A**			
Rising behaviour	Smooth, easy and constant rising	A	Smooth, easy and constant rising	A
Special take off technique required	No	A	No	A
2. Landing	**A**			
Special landing technique required	No	A	No	A
3. Speed in straight flight	**B**			
Trim speed more than 30 km/h	Yes	A	Yes	A
Speed range using the controls larger than 10 km/h	Yes	A	Yes	A
Minimum speed	Less than 25 km/h	A	25 km/h to 30 km/h	B
4. Control movement	**A**			
Max. weight in flight up to 80 kg				
Symmetric control pressure / travel	not available	0	not available	0
Max. weight in flight 80 kg to 100 kg				
Symmetric control pressure / travel	not available	0	not available	0
Max. weight in flight greater than 100 kg				
Symmetric control pressure / travel	Increasing / greater than 65 cm	A	Increasing / greater than 65 cm	A
5. Pitch stability exiting accelerated flight	**0**			
Dive forward angle on exit	not available	0	not available	0
Collapse occurs	not available	0	not available	0
6. Pitch stability operating controls during accelerated flight	**0**			
Collapse occurs	not available	0	not available	0
7. Roll stability and damping	**A**			
Oscillations	Reducing	A	Reducing	A
8. Stability in gentle spirals	**A**			
Tendency to return to straight flight	Spontaneous exit	A	Spontaneous exit	A
9. Behaviour exiting a fully developed spiral dive	**A**			
Initial response of glider (first 180°)	Immediate reduction of rate of turn	A	Immediate reduction of rate of turn	A
Tendency to return to straight flight	Spontaneous exit (g force decreasing, rate of turn decreasing)	A	Spontaneous exit (g force decreasing, rate of turn decreasing)	A

Turn angle to recover normal flight	Less than 720°, spontaneous recovery	A	Less than 720°, spontaneous recovery	A
10. Symmetric front collapse	**B**			
Approximately 30 % chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in 3 s to 5 s	B	Spontaneous in less than 3 s	A
Dive forward angle on exit Change of course	Dive forward 0° to 30° Keeping course	A	Dive forward 0° to 30° Keeping course	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in 3 s to 5 s	B	Spontaneous in less than 3 s	A
Dive forward angle on exit / Change of course	Dive forward 0° to 30° / Keeping course	A	Dive forward 0° to 30° / Keeping course	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
With accelerator				
Entry	not available	0	not available	0
Recovery	not available	0	not available	0
Dive forward angle on exit / Change of course	not available	0	not available	0
Cascade occurs	not available	0	not available	0
Folding lines used	Not available		Not available	
11. Exiting deep stall (parachutal stall)	**A**			
Deep stall achieved	Yes	A	Yes	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
Change of course	Changing course less than 45°	A	Changing course less than 45°	A
Cascade occurs	No	A	No	A
12. High angle of attack recovery	**A**			
Recovery	Spontaneous in less than 3 s	A	Spontaneous in less than 3 s	A
Cascade occurs	No	A	No	A
13. Recovery from a developed full stall	**B**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 30° to 60°	B
Collapse	No collapse	A	No collapse	A
Cascade occurs (other than collapses)	No	A	No	A
Rocking back	Less than 45°	A	Less than 45°	A
Line tension	Most lines tight	A	Most lines tight	A
14. Asymmetric collapse	**B**			
Small asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 0° to 15°	A	Less than 90° / Dive or roll angle 0° to 15°	A
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	A
Total change of course	Less than 360°	A	Less than 360°	A
Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
Large asymmetric collapse				
Change of course until re-inflation / Maximum dive forward or roll angle	90° to 180° / Dive or roll angle 15° to 45°	B	90° to 180° / Dive or roll angle 15° to 45°	B
Re-inflation behaviour	Spontaneous re-inflation	A	Spontaneous re-inflation	A
Total change of course	Less than 360°	A	Less than 360°	A

Collapse on the opposite side occurs	No (or only a small number of collapsed cells with a spontaneous reinflation)	A	No (or only a small number of collapsed cells with a spontaneous reinflation)	A
Twist occurs	No	A	No	A
Cascade occurs	No	A	No	A
Folding lines used	No		No	
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	not available	0	not available	0
Re-inflation behaviour	not available	0	not available	0
Total change of course	not available	0	not available	0
Collapse on the opposite side occurs	not available	0	not available	0
Twist occurs	not available	0	not available	0
Cascade occurs	not available	0	not available	0
Folding lines used	Not available		Not available	
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	not available	0	not available	0
Re-inflation behaviour	not available	0	not available	0
Total change of course	not available	0	not available	0
Collapse on the opposite side occurs	not available	0	not available	0
Twist occurs	not available	0	not available	0
Cascade occurs	not available	0	not available	0
Folding lines used	Not available		Not available	
15. Directional control with a maintained asymmetric collapse	**A**			
Able to keep course	Yes	A	Yes	A
180° turn away from the collapsed side possible in 10 s	Yes	A	Yes	A
Amount of control range between turn and stall or spin	More than 50 % of the symmetric control travel	A	More than 50 % of the symmetric control travel	A
16. Trim speed spin tendency	**A**			
Spin occurs	No	A	No	A
17. Low speed spin tendency	**A**			
Spin occurs	No	A	No	A
18. Recovery from a developed spin	**A**			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in less than 90°	A
Cascade occurs	No	A	No	A
19. B-line stall	**A**			
Change of course before release	Changing course less than 45°	A	not available	0
Behaviour before release	Remains stable with straight span	A	not available	0
Recovery	Spontaneous in less than 3 s	A	not available	0
Dive forward angle on exit	Dive forward 0° to 30°	A	not available	0
Cascade occurs	No	A	not available	0
20. Big ears	**B**			
Entry procedure	Dedicated controls	A	Standard technique	A
Behaviour during big ears	Stable flight	A	Stable flight	A
Recovery	Recovery through pilot action in less than a further 3 s	B	Spontaneous in less than 3 s	A
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
21. Big ears in accelerated flight	**0**			
Entry procedure	not available	0	not available	0
Behaviour during big ears	not available	0	not available	0
Recovery	not available	0	not available	0
Dive forward angle on exit	not available	0	not available	0
Behaviour immediately after releasing the accelerator while maintaining big ears	not available	0	not available	0

22. Alternative means of directional control	**A**			
180° turn achievable in 20 s	Yes	A	Yes	A
Stall or spin occurs	No	A	No	A
23. Any other flight procedure and/or configuration described in the user's manual	**0**			
Procedure works as described	not available	0	not available	0
Procedure suitable for novice pilots	not available	0	not available	0
Cascade occurs	not available	0	not available	0
24. Comments of test pilot				
Comments				

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paragliding by air turquoise

ADVANCE

Class: B

In accordance with standards
EN 926-2:2013, EN 926-1:2015 & LTF 91/09: PG_1112.2016

Date of issue (DMY): 25. 11. 2016

Manufacturer: ADVANCE Thun AG

Model: Bibeta 6 41

Serial number: 68964

Configuration during flight tests

Paraglider		**Accessories**	
Maximum weight in flight (kg)	**225**	Range of speed system (cm)	**0**
Minimum weight in flight (kg)	**110**	Speed range using brakes (km/h)	**0**
Glider's weight (kg)	**7**	Range of trimmers (cm)	**10**
Number of risers	**3**	Total speed range with accessories (km/h)	**0**
Projected area (m2)	**34.5**		

Harness used for testing (max weight)		**Inspections** (whichever happens first)
Harness type	**ABS**	every 24 months or every 150 flying hours
Harness brand	**Advance**	Warning! Before use refer to user's manual
Harness model	**Bi pro 2**	Person or company having presented the glider for testing: **None**
Harness to risers distance (cm)	**44**	
Distance between risers (cm)	**55**	

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24
A	**A**	**B**	**A**	**0**	**0**	**A**	**A**	**A**	**B**	**A**	**A**	**B**	**B**	**A**	**A**	**A**	**A**	**A**	**B**	**0**	**A**	**0**	□

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and paraglider reserve parachutes

paragliding by air turquoise

PG PARAGLIDERS

INSPECTION CERTIFICATE

Inspection certificate number: **PG 1112.2016**

MANUFACTURER DATA

Manufacturer name:	**Advance Thun AG**
Representative	**Rolf Zeltner**
Street:	**Uttigenstrasse 87**
Post code / place:	**3600 Thun**
Country:	**Switzerland**

SAMPLE DATA

Name:	**BiBeta 6**	Size:	**41**
Min weight in flight [kg]:	**120**	Max weight in flight [kg]:	**225**
Weight [kg]:	**7**	Use:	**Two-seater**
Load serial number:	**65352**	Date of reception:	**02.02.2016**
Flight serial number :	**68964**	Date of reception:	**31.08.2016**

TEST REPORT SUMMARY		RESULTS	PLACE	DATE
PG 1	71.8.1 | SHOCK LOAD TEST:	**POSITIVE**	Yverdon(airport)	**25.05.2016**
PG 2	71.8.1 | SUSTAINED LOAD TEST:	**POSITIVE**	Yverdon(airport)	**25.05.2016**
PG 3	71.8.2 | FLIGHT TEST:	**B**	Villeneuve	**20.09.2016**
PG 4	71.4.3 | MEASUREMENT:	**POSITIVE**	Villeneuve	**07.11.2016**
PG 5	71.6.3 | LINE BREAK STRENGTH:	**POSITIVE**	Villeneuve	**10.11.2016**

ISSUE DATA

Place of declaration:	**Villeneuve**
Date of issue:	**25.11.2016**
Managing Director:	**Alain Zoller**

Signature:

This signature aprouve the validity of the test reports PG 1 to PG 5 (Only if test report are applicable).

Air Turquoise SA, having thoroughly assessed the sample mentioned hereunder, declare it was found conform with all requirements defined by the following norms:

EN 926-2:2013 / EN 926-1:2015 / LTF: NFL II 91/09 / 2-60-14 / 2-251-16

Present declaration's scope only extends to the conformity of a given sample, on a given date and in a given place as mentioned here above.

This inspection report contain the following test and is complete with the test report number:
71.8.1 | PG1, PG2, 71.8.2 | PG3, 71.4.3 | PG4, 71.6.3 | PG5
(71.8.1 | PG1 and PG2, 71.8.2 are done for one size only, ref. to the size tested for strength)

SHOCK LOADING TEST

TEST REPORT PG 1

PG PARAGLIDERS

Test report ref. number: **PG 1112.2016**

SAMPLE DATA

Manufacturer name: **Advance Thun AG**
Representative **Rolf Zeltner**
Street: **Uttigenstrasse 87**
Post code / place: **3600 Thun**
Country: **Switzerland**

SAMPLE DATA

Name: **BiBeta 6**
Size: **41**
Maximum load [kg]: **225**
Serial number: **65352**
Date of reception: **02.02.2016**

TEST DATA

Place of test: **Yverdon(airport)**
Date of test: **25.05.2016**
Inspector: **Alain Zoller**
Results: **POSITIVE**
Directive: **EN 926-1:2015 chapter 4.5 | LTF NFL II-91/09 - 2-251-16 chapter 3**

The paraglider is subjected to a shock load . Shock load is limited using a weak link accordind weight range.
The weak link breaks or 5 s has elapsed since the application of the shock load. The wing is then visually inspected for damage.

TEST RESULTS:		TEST ATMOSPHERE AGL	
Weak link used [daN]:	1400	[C°]	7.5
Visual inspection:	No visible damages	RH [%]	76
		[hPa]	962.9
Uncertainty k=2 [%]	10	Wind [m/s]	0.1

Weak link value include the uncertainty for weight range test values (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%.

WEAK LINK

INSTRUMENTS	Validity	Manufacturer	s/n
Weak link	2020	Tost	n/a
Cable	2020	Rotex	n/a
Geos n° 11 Skywatch	08.05.2017	JDC elec.	22

The validation of this test report is given by the signature of the test manager on inspection certificate 71.8.1

SUSTAINED LOADING TEST

TEST REPORT PG 2

PG PARAGLIDERS

Test report ref. number: **PG 1112.2016**

MANUFACTURER DATA

Manufacturer name:	**Advance Thun AG**
Representative	**Rolf Zeltner**
Street:	**Uttigenstrasse 87**
Post code / place:	**3600 Thun**
Country:	**Switzerland**

SAMPLE DATA

Name:	**BiBeta 6**
Size:	**41**
Maximum load [kg]:	**225**
Serial number:	**65352**
Date of reception:	**02.02.2016**

TEST DATA

Place of test:	**Yverdon(airport)**
Date of test:	**25.05.2016**
Inspector:	**Alain Zoller**
Results:	**POSITIVE**
Directive:	**EN 926-1:2015 chapter 4.5 | LTF NFL II-91/09 - 2-251-16 chapter 3**

The test specimen is attached to the electronic sensors on the tow vehicle.
A controller is positioned on the tow vehicle in order to operate the paraglider control lines to stabilize the wing.
The speed of the vehicle is increased as gradually as possible, enabling the controller to obtain satisfactory stabilisation of the flight path of the paraglider.
When the paraglider has stabilized, the speed is increased gradually until either:
1) the measured load exceeds a load factor of eight times the maximum total weight in flight recommended by the manufacturer, for a minimum cumulative duration of 3 s; or
2) five peaks separated by at least 0,3 s are obtained above ten times the maximum total weight in flight recommended by the manufacturer, in one run.

TEST ATMOSPHERE AGL

[C°]	7.5
RH [%]	76
[hPa]	962.9
Wind [m/s]	0.1

RESULTS

Required breaking strength value for 3s at 8g [N]	**17658.00**
Required breaking strength value for 5 pics at 10g [N]	**22072.50**
Required breaking strength value for 3s at 8g at coef. 0.9 [N]	**15892.20**
Required breaking strength value for 5 pics at coef. 0.9 [N]	**19865.25**
Uncertainty K=2 [%]	**0.5**
Calculed cumulative duration breaking strength value [s]	**3.27**
Calculed max load value with 3 sec or five peaks [kg]	**226.00**

Calculed value 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%.

The validation of this test report is given by the signature of the test manager on inspection certificate 71.8.1

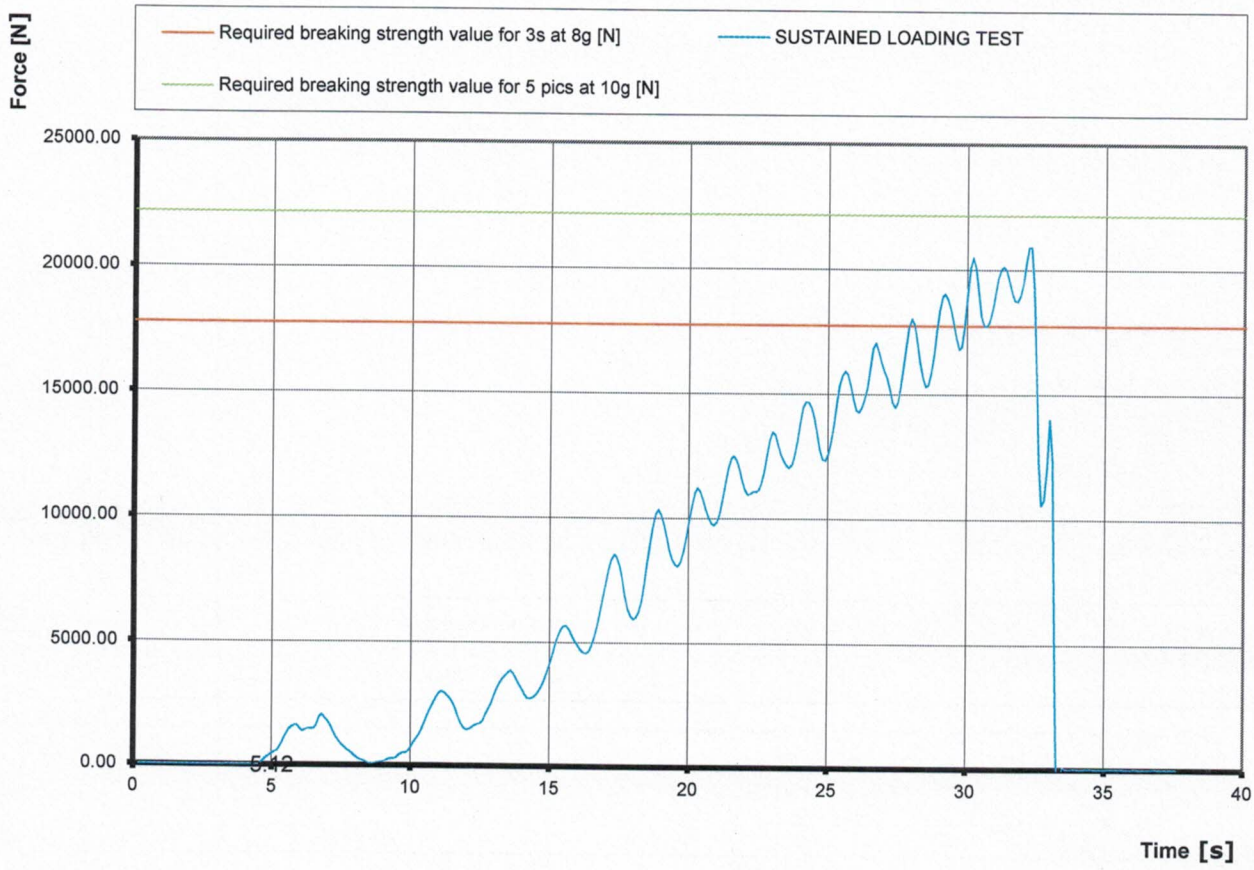
SUSTAINED LOADING TEST

TEST REPORT PG 2

PG PARAGLIDERS

Test report ref. number: **PG 1112.2016**

GRAPHIQUE LOAD



DETAILED RESULTS

Calculed max load value duration of 3 sec. [N]	2217.1
Calculed max load value duration of 3 sec. [kg]	**226.0**
Calculed max load value with five peaks [N]	1796.4
Calculed max load value with five peaks [kg]	**183.1**
Calculed max load value with 3 sec or five peaks [N]	**2217.1**
Calculed max load value with 3 sec or five peaks [kg]	**226.0**

Instruments	Manufacturer	Type nr.	S/N
Load sensor	HBM	1-S9M/50KN-1	31314652
Geos n°11 Skywatch	JDC	Geos n° 11	0022

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