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Sky Paragliders a.s.
Mr. Nemec Martin
Okružní 39, P.O.Box 61
73911 Frýdlant nad Ostravicí
Czech Republic

Certificate

The sample of the following paraglider has been successfully tested upon compliance with the standard of: 2. DV LuftGerPV, §1, Nr. 7 c (LTF 35/03)

Number certificate: ..... **GS 0198.2008**

Manufacturer: ..... **Sky Paragliders a.s.**

Model: ..... **Anakis S**

Category: ..... **LTF 1-2**

Max. takeoff-weight (kg): ..... **80 kg**

Min. takeoff-weight (kg): ..... **60 kg**

Weight of glider (kg): ..... **4.4 kg**

Date
Flight test: **05.05.2009**
Serial number ..... **2008_11_11_0895**

Loadtest: ..... **no**
Serial number: .....

Best regards,

Alain Zoller

Randi Eriksen

ISO 9001 BUREAU VERITAS Certification

Gleitschirm / Paraglider Anakis S

Prüf-Nr. / Test reference-No_____ **GS 0198.2008**

Klasse / Class:	1-2
Anzahl Sitze / Number Of Seat:	1
Fluggewicht / Weight In Flight:	60-80 kg
Gerätegewicht / Weight Of Glider:	4.4 kg
Projizierte Fläche / Projected Area:	20.69 m2
Anzhal Tragegurte / Number Of Risers:	4
Bescgleuniger / Accelerator:	Ja/Yes
Trimmer / Trimmer:	Nein/No

Angewandte Prüfrichdinien/normen:_____ Lufttüchtigkeitsforderungen für GS
Testregulations/ Standards Applied:_____

HErsteller / MAnufacturer _____ Sky Paragliders a.s.

Musterprüfbescheinigung Erteit An:___ Sky Paragliders a.s.
Declaration Of Conformity Issued To:___

Serien- Nr:
Serial- No:

Conformtity Checked By:
Stückeprüft Durch:

Monat / Jahr :
Month / Year :

Regelmässige Nachprüfung Nach:
Periodic Inspection After: 12 month

Certifcation Date / Prüfung Datum _____ 18/05/2009

Conformity tests according to **2. DV LuftGerPV §1, Nr. 7 c** standards carried out by:
Angewandte Prüfrichtlinien / Normen durch:

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Flight test report LTF-2003

Manufacturer	**Sky Paragliders**	**Certification number:**	GS 198.2008
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	**Date of flight test:**	05/05/2009
		Place of test:	Villeneuve
Representive	None	**LTF 1-2**	
Type of glider	**Anakis S**		
Trimmer	**not available**		

Test Pilot	Seiko Fukuoka	Claude Thurnheer
Harness	Sup'Air - Altiplume S	Sup'Air - Altiplume M
Total weight in flight	60 kg	80 kg

		Min weight		Max weight	
1. Take-off					
	Inflation Behaviour	evenly, immediately	1	evenly, immediately	1
	Rising behaviour	immediately comes over pilot	1	immediately comes over pilot	1
	Take off speed	stallspeed < 30 km/h	pos	stallspeed < 30 km/h	pos
	Take off handling	easy	1	easy	1
2. Straight Flight					
	Trim speed at minimum take off weight	> 30 km/h	pos	> 30 km/h	pos
	Speed range	> 10 km/h	pos	> 10 km/h	pos
	Roll Damping	high	1	high	1
	Pitching	not available	0	not available	0
	Yaw stability	not available	0	not available	0
3. Turn handling					
	Control travel	high	pos	high	pos
	Agility	not available	0	not available	0
	Control pressure increase	high increase	1	high increase	1
	Spin tendency	not available	1	not available	1
	Control without brakes	yes	pos	yes	pos
4. Symmetrical Stall using Brakes					
	Deep stall limit	> 70 cm	1	> 70 cm	1
	Exit of deep Stall	spontaneous, quickly	1	spontaneous, quickly	1
	Standard exit	yes	pos	yes	pos
	Full stall limit	> 75 cm	1	> 75 cm	1
	Full stall with full steering way	soft stall	pos	soft stall	pos
	Increase in steering power	high	1	high	1
5. Front collapse					
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
6. Asymmetric Collapse					
	With 50% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 50% collapse and accelerator				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse and accelerator				
	Maximum recovery behaviour	<180°- <360°- average with clear slowing down between 90°and 180°- <45°- high - spontaneous -	1-2	<180°- <360°- average with clear slowing down between 90°and 180°- <45°- high - spontaneous -	1-2
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
7. Countersteering an asymmetric collapse					
	Stabilisation	spontaneous, countersteering easy	1	spontaneous, countersteering easy	1
	Turn in opposite direction	easy, no tendency to stall	1	easy, no tendency to stall	1
	Control pressure increase	high increase	1	high increase	1
	Control travel	high	pos	high	pos
8.Full Stall Symmetrical Exit					
	Behaviour after entry	stable	pos	stable	pos
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				

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	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
9. Big ears					
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
10. Spin from straight flight					
	Exit	spontaneous	1	spontaneous	1
	Reaction	not available	0	not available	0
	Reaction, if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction, if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
11. Spin from Turn					
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
12. Spiral dive					
	Spin tendency	not available	1	slight	1
	Entry	easy	1	easy	1
	Exit	spontaneous, turn continues < 180°	1	spontaneous, turn continues < 180°	1
	Exit if stable steep spiral > 14 m/s	not available	0	not available	0
	Sink rate after 720° [m/s]	13 m/s		18 m/s	
13. B Line stall					
	Entry	easy	1	easy	1
	Exit	spontaneous	1	spontaneous	1
	If not spontaneously with asym. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously with symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
14. Landing					
	Entry	average	1	average	1
	Landing speed	not available	0	not available	0
	Landing behaviour	easy	1	easy	1
Comments of test pilot					
	Comments	no		no	

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pos = positive
neg = negative
x = relevant if extreme
na = not available

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Czech Republic

Certificate

The sample of the following paraglider has been successfully tested upon compliance with the standard of: 2. DV LuftGerPV, §1, Nr. 7 c (LTF 35/03)

Number certificate: ..... **GS 0193.2008**

Manufacturer: ..... **Sky Paragliders a.s.**

Model: ..... **Anakis M**

Category: ..... **LTF 1**

Max. takeoff-weight (kg): ..... **95 kg**

Min. takeoff-weight (kg): ..... **75 kg**

Weight of glider (kg): ..... **4.6 kg**

Date
Flight test: **06.05.2009**
Serial number ..... **2008_08_11_0694**

Loadtest: ..... **no**
Serial number: .....

Best regards,

Alain Zoller

Randi Eriksen

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Gleitschirm / Paraglider Anakis M

Prüf-Nr. / Test reference-No_____ **GS 0193.2008**

Klasse / Class:	1
Anzahl Sitze / Number Of Seat:	1
Fluggewicht / Weight In Flight:	75-95 kg
Gerätegewicht / Weight Of Glider:	4.6 kg
Projizierte Fläche / Projected Area:	22.38 m2
Anzhal Tragegurte / Number Of Risers:	4
Bescgleuniger / Accelerator:	Ja/Yes
Trimmer / Trimmer:	Nein/No

Angewandte Prüfrichdinien/normen:_____ Lufttüchtigkeitsforderungen für GS
Testregulations/ Standards Applied:_____

HErsteller / MAnufacturer _____ Sky Paragliders a.s.

Musterprüfbescheinigung Erteit An:___ Sky Paragliders a.s.
Declaration Of Conformity Issued To:___

Serien- Nr:
Serial- No:

Conformtity Checked By:
Stückeprüft Durch:

Monat / Jahr :
Month / Year :

Regelmässige Nachprüfung Nach:
Periodic Inspection After: 12 month

Certifcation Date / Prüfung Datum _____ 18/05/2009

Conformity tests according to **2. DV LuftGerPV §1, Nr. 7 c** standards carried out by:
Angewandte Prüfrichtlinien / Normen durch:

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Flight test report LTF-2003

Manufacturer	**Sky Paragliders**	**Certification number:**	GS 193.2008
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	**Date of flight test:**	06/05/2009
		Place of test:	Villeneuve
Representive	None	**LTF 1**	
Type of glider	**Anakis M**		
Trimmer	**not available**		

Test Pilot	Seiko Fukuoka	Claude Thurnheer
Harness	Sup'Air - Access M	Niviuk - Hamak M
Total weight in flight	75 kg	95 kg

		Min weight		Max weight	
1. Take-off					
	Inflation Behaviour	evenly, immediately	1	evenly, immediately	1
	Rising behaviour	immediately comes over pilot	1	immediately comes over pilot	1
	Take off speed	stallspeed < 30 km/h	pos	stallspeed < 30 km/h	pos
	Take off handling	easy	1	easy	1
2. Straight Flight					
	Trim speed at minimum take off weight	> 30 km/h	pos	> 30 km/h	pos
	Speed range	> 10 km/h	pos	> 10 km/h	pos
	Roll Damping	high	1	high	1
	Pitching	not available	0	not available	0
	Yaw stability	not available	0	not available	0
3. Turn handling					
	Control travel	high	pos	high	pos
	Agility	not available	0	not available	0
	Control pressure increase	high increase	1	high increase	1
	Spin tendency	not available	1	not available	1
	Control without brakes	yes	pos	yes	pos
4. Symmetrical Stall using Brakes					
	Deep stall limit	> 70 cm	1	> 75 cm	1
	Exit of deep Stall	spontaneous, quickly	1	spontaneous, quickly	1
	Standard exit	yes	pos	yes	pos
	Full stall limit	> 75 cm	1	> 80 cm	1
	Full stall with full steering way	soft stall	pos	soft stall	pos
	Increase in steering power	high	1	high	1
5. Front collapse					
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
6. Asymmetric Collapse					
	With 50% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 50% collapse and accelerator				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse and accelerator				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<180°- <360° - slight - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
7. Countersteering an asymmetric collapse					
	Stabilisation	spontaneous, countersteering easy	1	spontaneous, countersteering easy	1
	Turn in opposite direction	easy, no tendency to stall	1	easy, no tendency to stall	1
	Control pressure increase	high increase	1	high increase	1
	Control travel	high	pos	high	pos
8.Full Stall Symmetrical Exit					
	Behaviour after entry	stable	pos	stable	pos
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				

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	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
9. Big ears					
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
10. Spin from straight flight					
	Exit	spontaneous	1	spontaneous	1
	Reaction	not available	0	not available	0
	Reaction, if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction, if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
11. Spin from Turn					
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
12. Spiral dive					
	Spin tendency	slight	1	slight	1
	Entry	easy	1	easy	1
	Exit	spontaneous, turn continues < 180°	1	spontaneous, turn continues < 180°	1
	Exit if stable steep spiral > 14 m/s	not available	0	not available	0
	Sink rate after 720° [m/s]	16 m/s		16 m/s	
13. B Line stall					
	Entry	easy	1	easy	1
	Exit	spontaneous	1	spontaneous	1
	If not spontaneously with asym. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously with symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
14. Landing					
	Entry	average	1	average	1
	Landing speed	not available	0	not available	0
	Landing behaviour	easy	1	easy	1
Comments of test pilot					
	Comments	no		no	

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pos = positive
neg = negative
x = relevant if extreme
na = not available

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Czech Republic

Certificate

The sample of the following paraglider has been successfully tested upon compliance with the standard of: 2. DV LuftGerPV, §1, Nr. 7 c (LTF 35/03)

Number certificate: ..... **GS 0194.2008**

Manufacturer: ..... **Sky Paragliders a.s.**

Model: ..... **Anakis L**

Category: ..... **LTF 1**

Max. takeoff-weight (kg): ..... **110 kg**

Min. takeoff-weight (kg): ..... **90 kg**

Weight of glider (kg): ..... **4.85 kg**

Date
Flight test: **01.05.2009**
Serial number ..... **2008_10_11_0801**

Loadtest: ..... **no**
Serial number: .....

Best regards,

Alain Zoller

Randi Eriksen

ISO 9001 BUREAU VERITAS Certification

Gleitschirm / Paraglider Anakis **L**

Prüf-Nr. / Test reference-No_____ **GS 0194.2008**

Klasse / Class:	1
Anzahl Sitze / Number Of Seat:	1
Fluggewicht / Weight In Flight:	90-110
Gerätegewicht / Weight Of Glider:	4.85 kg
Projizierte Fläche / Projected Area:	23.86 m2
Anzhal Tragegurte / Number Of Risers:	4
Bescgleuniger / Accelerator:	Ja/Yes
Trimmer / Trimmer:	Nein/No

Angewandte Prüfrichdinien/normen:_____ Lufttüchtigkeitsforderungen für GS
Testregulations/ Standards Applied:_____

HErsteller / MAnufacturer _____ Sky Paragliders a.s.

Musterprüfbescheinigung Erteit An:___ Sky Paragliders a.s.
Declaration Of Conformity Issued To:___

Serien- Nr:
Serial- No:

Conformtity Checked By:
Stückeprüft Durch:

Monat / Jahr :
Month / Year :

Regelmässige Nachprüfung Nach:
Periodic Inspection After: 12 month

Certifcation Date / Prüfung Datum _____ 18/05/2009

Conformity tests according to **2. DV LuftGerPV §1, Nr. 7 c** standards carried out by:
Angewandte Prüfrichtlinien / Normen durch:

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Flight test report LTF-2003

Manufacturer	**Sky Paragliders**	**Certification number:**	GS 194.2008
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	**Date of flight test:**	01/05/2009
		Place of test:	Villeneuve
Representive	None	**LTF 1**	
Type of glider	**Anakis L**		
Trimmer	**not available**		

Test Pilot	Claude Thurnheer	Alain Zoller
Harness	Niviuk - Hamak M	Sup'Air - Evo XC L
Total weight in flight	90 kg	110 kg

		Min weight		Max weight	
1. Take-off					
	Inflation Behaviour	evenly, immediately	1	evenly, immediately	1
	Rising behaviour	immediately comes over pilot	1	immediately comes over pilot	1
	Take off speed	stallspeed < 30 km/h	pos	stallspeed < 30 km/h	pos
	Take off handling	easy	1	easy	1
2. Straight Flight					
	Trim speed at minimum take off weight	> 30 km/h	pos	> 30 km/h	pos
	Speed range	> 10 km/h	pos	> 10 km/h	pos
	Roll Damping	high	1	high	1
	Pitching	not available	0	not available	0
	Yaw stability	not available	0	not available	0
3. Turn handling					
	Control travel	high	pos	high	pos
	Agility	not available	0	not available	0
	Control pressure increase	high increase	1	high increase	1
	Spin tendency	not available	1	not available	1
	Control without brakes	yes	pos	yes	pos
4. Symmetrical Stall using Brakes					
	Deep stall limit	> 75 cm	1	> 75 cm	1
	Exit of deep Stall	spontaneous, quickly	1	spontaneous, quickly	1
	Standard exit	yes	pos	yes	pos
	Full stall limit	> 80 cm	1	> 80 cm	1
	Full stall with full steering way	soft stall	pos	soft stall	pos
	Increase in steering power	high	1	high	1
5. Front collapse					
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
6. Asymmetric Collapse					
	With 50% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 50% collapse and accelerator				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse and accelerator				
	Maximum recovery behaviour	<180°- <360° - slight - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
7. Countersteering an asymmetric collapse					
	Stabilisation	spontaneous, countersteering easy	1	spontaneous, countersteering easy	1
	Turn in opposite direction	easy, no tendency to stall	1	easy, no tendency to stall	1
	Control pressure increase	high increase	1	high increase	1
	Control travel	high	pos	high	pos
8.Full Stall Symmetrical Exit					
	Behaviour after entry	stable	pos	stable	pos
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				

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	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
9. Big ears					
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
10. Spin from straight flight					
	Exit	spontaneous	1	spontaneous	1
	Reaction	not available	0	not available	0
	Reaction, if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction, if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
11. Spin from Turn					
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
12. Spiral dive					
	Spin tendency	slight	1	slight	1
	Entry	easy	1	easy	1
	Exit	spontaneous, turn continues < 180°	1	spontaneous, turn continues < 180°	1
	Exit if stable steep spiral > 14 m/s	not available	0	not available	0
	Sink rate after 720° [m/s]	16 m/s		20 m/s	
13. B Line stall					
	Entry	easy	1	easy	1
	Exit	spontaneous	1	spontaneous	1
	If not spontaneously with asym. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously with symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
14. Landing					
	Entry	average	1	average	1
	Landing speed	not available	0	not available	0
	Landing behaviour	easy	1	easy	1
Comments of test pilot					
	Comments	no		no	

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pos = positive
neg = negative
x = relevant if extreme
na = not available

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Sky Paragliders a.s.
Mr. Nemec Martin
Okružní 39, P.O.Box 61
73911 Frýdlant nad Ostravicí
Czech Republic

Certificate

The sample of the following paraglider has been successfully tested upon compliance with the standard of: 2. DV LuftGerPV, §1, Nr. 7 c (LTF 35/03)

Number certificate: ..... **GS 0199.2008**

Manufacturer: ..... **Sky Paragliders a.s.**

Model: ..... **Anakis XL**

Category: ..... **LTF 1**

Max. takeoff-weight (kg): ..... **130 kg**

Min. takeoff-weight (kg): ..... **105 kg**

Weight of glider (kg): ..... **5.2 kg**

Date
Flight test: **01.05.2009**
Serial number ..... **2008_11_11_0896**

Load test: **25.10.2008**
Serial number: ..... **2008_11_11_0896**

Best regards,

Alain Zoller

Randi Eriksen

ISO 9001 BUREAU VERITAS Certification

Gleitschirm / Paraglider Anakis **XL**

Prüf-Nr. / Test reference-No_____ **GS 0199.2008**

Klasse / Class:	1
Anzahl Sitze / Number Of Seat:	1
Fluggewicht / Weight In Flight:	105-130
Gerätegewicht / Weight Of Glider:	5.2 kg
Projizierte Fläche / Projected Area:	25.8 m2
Anzhal Tragegurte / Number Of Risers:	4
Bescgleuniger / Accelerator:	Ja/Yes
Trimmer / Trimmer:	Nein/No

Angewandte Prüfrichdinien/normen:_____ Lufttüchtigkeitsforderungen für GS
Testregulations/ Standards Applied:_____

HErsteller / MAnufacturer _____ Sky Paragliders a.s.

Musterprüfbescheinigung Erteit An:___ Sky Paragliders a.s.
Declaration Of Conformity Issued To:___

Serien- Nr:
Serial- No:

Conformtity Checked By:
Stückeprüft Durch:

Monat / Jahr :
Month / Year :

Regelmässige Nachprüfung Nach:
Periodic Inspection After: 12 month

Certifcation Date / Prüfung Datum _____ 18/05/2009

Conformity tests according to **2. DV LuftGerPV §1, Nr. 7 c** standards carried out by:
Angewandte Prüfrichtlinien / Normen durch:

para-test.com LBA anerkannte Prüfstelle für Gleitsegel:

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Vor Gebrauch Betriebsanweisung lesen!

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Flight test report LTF-2003

Manufacturer	**Sky Paragliders**	**Certification number:**	GS 199.2008
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	**Date of flight test:**	01/05/2009
		Place of test:	Villeneuve
Representive	None	**LTF 1**	
Type of glider	**Anakis XL**		
Trimmer	**not available**		

Test Pilot	Claude Thurnheer	Alain Zoller
Harness	Niviuk - Hamak M	Gin - Gingo II L
Total weight in flight	105 kg	130 kg

		Min weight		Max weight	
1. Take-off					
	Inflation Behaviour	evenly, immediately	1	evenly, immediately	1
	Rising behaviour	immediately comes over pilot	1	immediately comes over pilot	1
	Take off speed	stallspeed < 30 km/h	pos	stallspeed < 30 km/h	pos
	Take off handling	easy	1	easy	1
2. Straight Flight					
	Trim speed at minimum take off weight	> 30 km/h	pos	> 30 km/h	pos
	Speed range	> 10 km/h	pos	> 10 km/h	pos
	Roll Damping	high	1	high	1
	Pitching	not available	0	not available	0
	Yaw stability	not available	0	not available	0
3. Turn handling					
	Control travel	high	pos	high	pos
	Agility	not available	0	not available	0
	Control pressure increase	high increase	1	high increase	1
	Spin tendency	not available	1	not available	1
	Control without brakes	yes	pos	yes	pos
4. Symmetrical Stall using Brakes					
	Deep stall limit	> 75 cm	1	> 75 cm	1
	Exit of deep Stall	spontaneous, quickly	1	spontaneous, quickly	1
	Standard exit	yes	pos	yes	pos
	Full stall limit	> 80 cm	1	> 80 cm	1
	Full stall with full steering way	soft stall	pos	soft stall	pos
	Increase in steering power	high	1	high	1
5. Front collapse					
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	A-Riser Travel until collapse	high > 10 cm	pos	high > 10 cm	pos
	Pre-Acceleration	not available	0	not available	0
	Opening behaviour	spontaneous, quickly = <1,5 s	1	spontaneous, quickly = <1,5 s	1
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
6. Asymmetric Collapse					
	With 50% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 50% collapse and accelerator				
	Maximum recovery behaviour	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With 75% collapse and accelerator				
	Maximum recovery behaviour	<180°- <360° - slight - <45°- average - spontaneous - spontaneous	1	<90°- <360°- average - <45°- average - spontaneous - spontaneous	1
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
7. Countersteering an asymmetric collapse					
	Stabilisation	spontaneous, countersteering easy	1	spontaneous, countersteering easy	1
	Turn in opposite direction	easy, no tendency to stall	1	easy, no tendency to stall	1
	Control pressure increase	high increase	1	high increase	1
	Control travel	high	pos	high	pos
8.Full Stall Symmetrical Exit					
	Behaviour after entry	stable	pos	stable	pos
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				

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	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
9. Big ears					
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	With accelerator				
	Entry	easy	pos	easy	pos
	Exit	spontaneous, quickly	1	spontaneous, quickly	1
	If not spontaneously exit; asymm. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously exit; symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
10. Spin from straight flight					
	Exit	spontaneous	1	spontaneous	1
	Reaction	not available	0	not available	0
	Reaction, if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction, if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
11. Spin from Turn					
	Reaction	slight shoot forward <30°	pos	slight shoot forward <30°	pos
	Reaction if asymmetric collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	Reaction if symmetric collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
12. Spiral dive					
	Spin tendency	slight	1	slight	1
	Entry	easy	1	easy	1
	Exit	spontaneous, turn continues < 180°	1	spontaneous, turn continues < 180°	1
	Exit if stable steep spiral > 14 m/s	not available	0	not available	0
	Sink rate after 720° [m/s]	17 m/s		20 m/s	
13. B Line stall					
	Entry	easy	1	easy	1
	Exit	spontaneous	1	spontaneous	1
	If not spontaneously with asym. collapse	not available	0	not available	0
	Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
	If not spontaneously with symm. collapse	not available	0	not available	0
	Asymmetrical, Turn tendency- Change of course- Rate of turn- Pitch and Roll angle- Loss of altitude- Stabilisation- Opening behaviuor				
14. Landing					
	Entry	average	1	average	1
	Landing speed	not available	0	not available	0
	Landing behaviour	easy	1	easy	1
Comments of test pilot					
	Comments	no		no	

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pos = positive
neg = negative
x = relevant if extreme
na = not available

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LOAD TEST REPORT FOR paragliders
LTF lt. 2. DV LuftGerPV §1, Nr. 7 c

The model describe hereafter is in conformity with the load and shock tests carried out by:

Air Turquoise SA, official test laboratory of Switzerland

Manufacturer:	**Sky Paragliders**
Model:	**Anakis**
Type:	**XL**
Maximum weight in flight:	**152 kg**

SHOCK TEST

750 daN

The model had no appearances damage to question whether it's airworthiness.

MECHANICAL RESISTANCE TEST

The model had been tested to 8G of it's total weight in flight during 3 seconds.

Villeneuve, October 25th, 2008

Air Turquoise SA,

Randi Eriksen

Randi Eriksen

Air Turquoise Homologations
LOAD DIAGRAM

Alain Zoller
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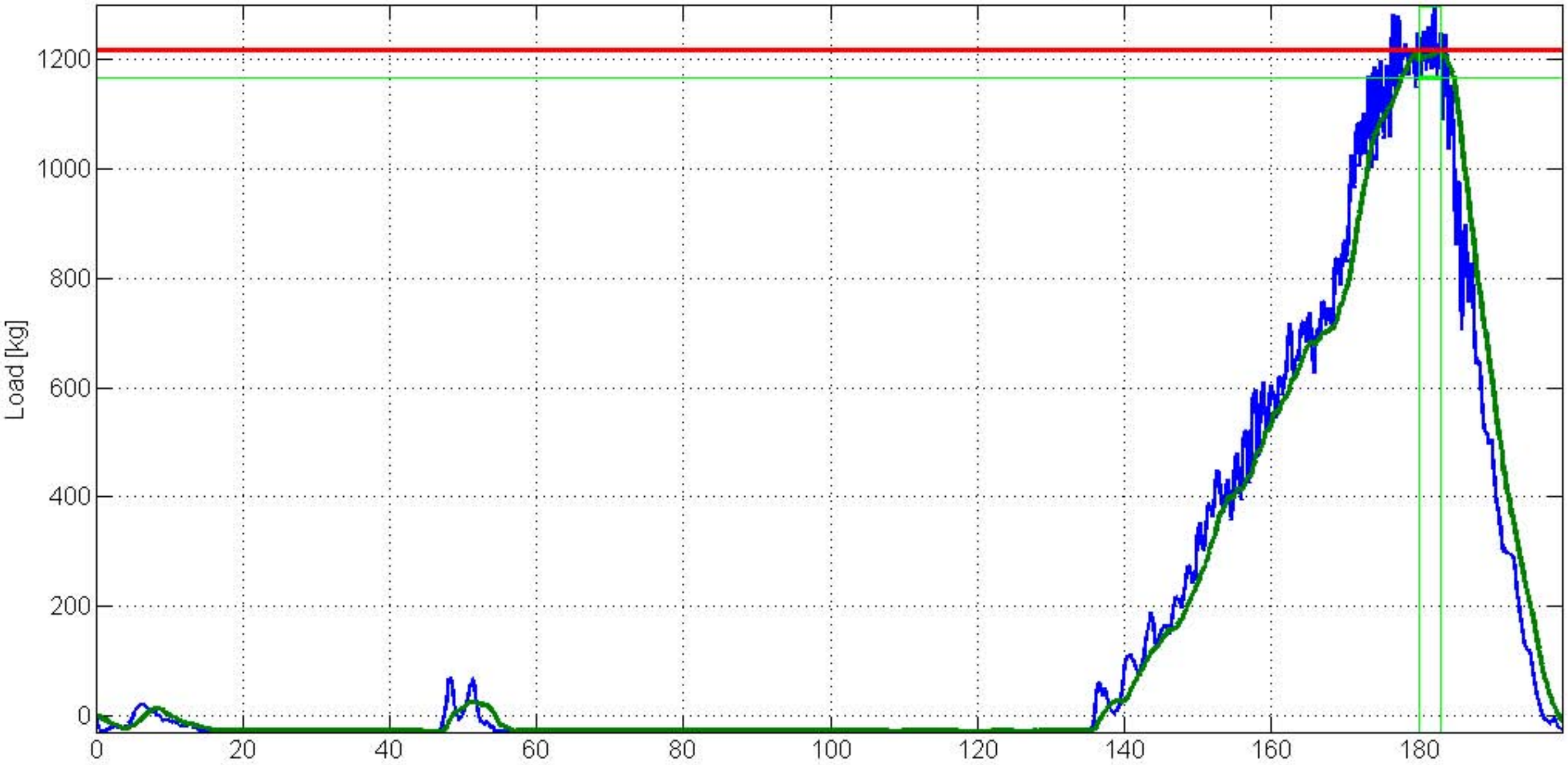

Sky Paragliders Anakis XL

TEST PASSED at 1218 kg (3s avg)
25.10.2008 - 10:08

measurement with ShockRecord