AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Paraglider inspection certificate

Inspection certificate number: **PG_2583.2025**

Manufacturer data

Manufacturer name:	**Sky Paragliders a.s.**
Representative:	**Mr. Michal Sotek**
Street:	**Okružní 39**
Post code / place:	**73911 Frýdlant nad Ostravicí**
Country:	**Czech Republic**

Sample data

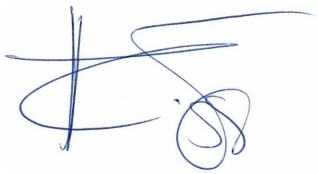
Name:	**Apollo 3 light**	Size:	**S**
Min weight in flight [kg]:	**57**	Max weight in flight [kg]:	**78**
Weight [kg]:	**3.2**	Number of seat:	**Single-seater**
Sample load serial number:	**n/a**	Date of reception:	**n/a**
Sample flight serial number:	**2958-11-0930**	Date of reception:	**27.11.2024**

Test report summary	Result	Place	Date of test
91.23 | Shock loading test:	**Test done on size XL, inspection PG_2587.2025**		**31.07.2024**
91.23 | Sustained loading test:	**Test done on size XL, inspection PG_2587.2025**		**01.08.2024**
91.22 | Flight test:	**B**	Villeneuve	**05.12.2024**
91.24 | Measurement:	**POSITIVE**	Villeneuve	**10.12.2024**
91.27 | Suspension line calculation:	**POSITIVE**	Villeneuve	**13.05.2025**

Issue data

Place of declaration:	**Villeneuve**
Date of issue:	**14.05.2025**
Managing Director:	**Andrea Wigger**

Signature:



This signature approves the validity of the test reports 91.22, 91.23, 91.24 and 91.27 (Only if test reports are applicable).

Air Turquoise SA, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:

EN926-2:2013+A1:2021, EN926-1:2015 and NfL 2024-2-785

The certificate of inspection is completed with test reports, if available, number: 91.22, 91.23, 91.24, 91.25, 91.27
(If the 91.23 tests are not done, it has been done for another size of a sample within the definition of same model)

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Classification: B

In accordance with standards: EN 926-1:2015, EN 926-2:2013+A1:2021 and NfL 2024-2-785	PG_2583.2025
Date of issue (DMY):	14.05.2025
Manufacturer:	Sky Paragliders a.s.
Model:	Apollo 3 light S
Serial number:	2958-11-0930

Configuration during flight tests

Paraglider

Maximum weight in flight [kg]	**78**
Minimum weight in flight [kg]	**57**
Glider's weight [kg]	**3.2**
Number of risers	**3+1**
Projected area [m²]	**18.42**

Accessories

Range of speed system [cm]	**14.2**
Speed range using brakes [km/h]	**12**
Total speed range with accessories [km/h]	**24**
Range of trimmers [cm]	**n/a**

Harness used for testing (max weight)

Harness type	**ABS**
Harness brand	**Advance Thun AG**
Harness model	**Success 4 M**
Harness to risers distance [cm]	**43**
Distance between risers [cm]	**40**

Inspections (whichever happens first)

once a year or after 100 flight hours, and anytime there is the slightest change in flight characteristics

Person or company having presented the glider for testing: **None**

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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013+A1:2021 and NfL 2024-2-785

Manufacturer	**Sky Paragliders a.s.**	Certification number	PG_2583.2025
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	Flight test	05.12.2024
Glider model	**Apollo 3 light S**	**Classification**	**B**
Serial number	2958-11-0930	Representative	None
Trimmer	no	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Victor Chinen Cirilli	Claude Thurnheer
Harness	Flugsau GmbH XX-Light	Advance Thun AG Success 4 M
Harness to risers distance [cm]	40	43
Distance between risers [cm]	40	40
Total weight in flight [kg]	57	78

1. Inflation/Take-off	**B**			
Rising behaviour	Easy rising, some pilot correction is required	B	Easy rising, some pilot correction is required	B
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	Increasing / greater than 55 cm	A	Increasing / greater than 55 cm	A
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	not available	0	not available	0
5. Pitch stability exiting accelerated flight	**A**			
Dive forward angle on exit	Dive forward less than 30°	A	Dive forward less than 30°	A
Collapse occurs	No	A	No	A
6. Pitch stability operating controls during accelerated flight	**A**			
Collapse occurs	No	A	No	A
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	**B**			
Initial response of glider (first 180°)	Immediate reduction of rate of turn	A	No immediate reaction	B
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 less than 3 s	A	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	A	No	A
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
With accelerator				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in 3 s to 5 s	B
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	A	No	A
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	**A**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
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	A	No	A
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	A	No	A
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	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	A	No	A
Large asymmetric collapse with fully activated accelerator				
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	A	No	A
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	**B**			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in 90° to 180°	B
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	**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
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	A	Stable flight	A
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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Paraglider inspection certificate

Inspection certificate number: **PG_2584.2025**

Manufacturer data

Manufacturer name:	**Sky Paragliders a.s.**
Representative:	**Mr. Michal Sotek**
Street:	**Okružní 39**
Post code / place:	**73911 Frýdlant nad Ostravicí**
Country:	**Czech Republic**

Sample data

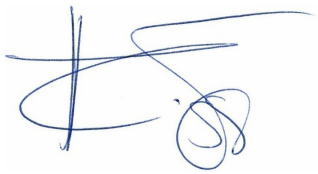
Name:	**Apollo 3 light**	Size:	**SM**
Min weight in flight [kg]:	**70**	Max weight in flight [kg]:	**92**
Weight [kg]:	**3.4**	Number of seat:	**Single-seater**
Sample load serial number:	**n/a**	Date of reception:	**n/a**
Sample flight serial number:	**2955-11-0771**	Date of reception:	**10.07.2024**

Test report summary	Result	Place	Date of test
91.23 | Shock loading test:	**Test done on size XL, inspection PG_2587.2025**		**31.07.2024**
91.23 | Sustained loading test:	**Test done on size XL, inspection PG_2587.2025**		**01.08.2024**
91.22 | Flight test:	**B**	Villeneuve	**07.08.2024**
91.24 | Measurement:	**POSITIVE**	Villeneuve	**19.08.2024**
91.27 | Suspension line calculation:	**POSITIVE**	Villeneuve	**13.05.2025**

Issue data

Place of declaration:	**Villeneuve**
Date of issue:	**14.05.2025**
Managing Director:	**Andrea Wigger**

Signature:



This signature approves the validity of the test reports 91.22, 91.23, 91.24 and 91.27 (Only if test reports are applicable).

Air Turquoise SA, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:

EN926-2:2013+A1:2021, EN926-1:2015 and NfL 2024-2-785

The certificate of inspection is completed with test reports, if available, number: 91.22, 91.23, 91.24, 91.25, 91.27
(If the 91.23 tests are not done, it has been done for another size of a sample within the definition of same model)

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Classification: B

In accordance with standards: EN 926-1:2015, EN 926-2:2013+A1:2021 and NfL 2024-2-785	PG_2584.2025
Date of issue (DMY):	14.05.2025
Manufacturer:	Sky Paragliders a.s.
Model:	Apollo 3 light SM
Serial number:	2955-11-0771

Configuration during flight tests

Paraglider

Maximum weight in flight [kg]	**92**
Minimum weight in flight [kg]	**70**
Glider's weight [kg]	**3.4**
Number of risers	**3+1**
Projected area [m²]	**20.27**

Accessories

Range of speed system [cm]	**14.7**
Speed range using brakes [km/h]	**12**
Total speed range with accessories [km/h]	**24**
Range of trimmers [cm]	**n/a**

Harness used for testing (max weight)

Harness type	**ABS**
Harness brand	**Advance Thun AG**
Harness model	**Success 4 M**
Harness to risers distance [cm]	**43**
Distance between risers [cm]	**44**

Inspections (whichever happens first)

once a year or after 100 flight hours, and anytime there is the slightest change in flight characteristics

Person or company having presented the glider for testing: **None**

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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013+A1:2021 and NfL 2024-2-785

Manufacturer	**Sky Paragliders a.s.**	Certification number	PG_2584.2025
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	Flight test	07.08.2024
Glider model	**Apollo 3 light SM**	**Classification**	**B**
Serial number	2955-11-0771	Representative	None
Trimmer	no	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Victor Chinen Cirilli	Claude Thurnheer
Harness	Advance Thun AG Success 4 M	Advance Thun AG Success 4 M
Harness to risers distance [cm]	43	43
Distance between risers [cm]	40	44
Total weight in flight [kg]	70	92

1. Inflation/Take-off	**B**			
Rising behaviour	Easy rising, some pilot correction is required	B	Easy rising, some pilot correction is required	B
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	Increasing / greater than 55 cm	A	not available	0
Max. weight in flight 80 kg to 100 kg				
Symmetric control pressure / travel	not available	0	Increasing / greater than 60 cm	A
Max. weight in flight greater than 100 kg				
Symmetric control pressure / travel	not available	0	not available	0
5. Pitch stability exiting accelerated flight	**A**			
Dive forward angle on exit	Dive forward less than 30°	A	Dive forward less than 30°	A
Collapse occurs	No	A	No	A
6. Pitch stability operating controls during accelerated flight	**A**			
Collapse occurs	No	A	No	A
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	**B**			
Initial response of glider (first 180°)	Immediate reduction of rate of turn	A	No immediate reaction	B
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	720° to 1 080°, spontaneous recovery	B	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 less than 3 s	A	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	A	No	A
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in 3 s to 5 s	B
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	A	No	A
With accelerator				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	Spontaneous in 3 s to 5 s	B
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	A	No	A
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	**A**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
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	A	No	A
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	A	No	A
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	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	A	No	A
Large asymmetric collapse with fully activated accelerator				
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	A	No	A
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	**B**			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in 90° to 180°	B
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	**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
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	A	Stable flight	A
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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Paraglider inspection certificate

Inspection certificate number: **PG_2585.2025**

Manufacturer data

Manufacturer name:	**Sky Paragliders a.s.**
Representative:	**Mr. Michal Sotek**
Street:	**Okružní 39**
Post code / place:	**73911 Frýdlant nad Ostravicí**
Country:	**Czech Republic**

Sample data

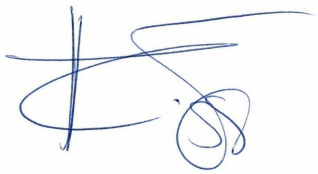
Name:	**Apollo 3 light**	Size:	**ML**
Min weight in flight [kg]:	**82**	Max weight in flight [kg]:	**105**
Weight [kg]:	**3.6**	Number of seat:	**Single-seater**
Sample load serial number:	**n/a**	Date of reception:	**n/a**
Sample flight serial number:	**3051-11-0597**	Date of reception:	**13.05.2025**

Test report summary	Result	Place	Date of test
91.23 | Shock loading test:	**Test done on size XL, inspection PG_2587.2025**		**31.07.2024**
91.23 | Sustained loading test:	**Test done on size XL, inspection PG_2587.2025**		**01.08.2024**
91.22 | Flight test:	**B**	Villeneuve	**22.04.2025**
91.24 | Measurement:	**POSITIVE**	Villeneuve	**13.03.2025**
91.27 | Suspension line calculation:	**POSITIVE**	Villeneuve	**13.05.2025**

Issue data

Place of declaration:	**Villeneuve**
Date of issue:	**14.05.2025**
Managing Director:	**Andrea Wigger**

Signature:



This signature approves the validity of the test reports 91.22, 91.23, 91.24 and 91.27 (Only if test reports are applicable).

Air Turquoise SA, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:

EN926-2:2013+A1:2021, EN926-1:2015 and NfL 2024-2-785

The certificate of inspection is completed with test reports, if available, number: 91.22, 91.23, 91.24, 91.25, 91.27
(If the 91.23 tests are not done, it has been done for another size of a sample within the definition of same model)

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Classification: B

In accordance with standards: EN 926-1:2015, EN 926-2:2013+A1:2021 and NfL 2024-2-785	PG_2585.2025
Date of issue (DMY):	14.05.2025
Manufacturer:	Sky Paragliders a.s.
Model:	Apollo 3 light ML
Serial number:	3051-11-0597

Configuration during flight tests

Paraglider

Maximum weight in flight [kg]	**105**
Minimum weight in flight [kg]	**82**
Glider's weight [kg]	**3.6**
Number of risers	**3+1**
Projected area [m²]	**22**

Accessories

Range of speed system [cm]	**15.7**
Speed range using brakes [km/h]	**12**
Total speed range with accessories [km/h]	**24**
Range of trimmers [cm]	**n/a**

Harness used for testing (max weight)

Harness type	**ABS**
Harness brand	**Advance Thun AG**
Harness model	**Success 4 M**
Harness to risers distance [cm]	**43**
Distance between risers [cm]	**48**

Inspections (whichever happens first)

once a year or after 100 flight hours, and anytime there is the slightest change in flight characteristics

Person or company having presented the glider for testing: **None**

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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013+A1:2021 and NfL 2024-2-785

Manufacturer	**Sky Paragliders a.s.**	Certification number	PG_2585.2025
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	Flight test	22.04.2025
Glider model	**Apollo 3 light ML**	**Classification**	**B**
Serial number	3051-11-0597	Representative	None
Trimmer	no	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Victor Chinen Cirilli	Alexandre Jofresa
Harness	Advance Thun AG Success 4 M	Advance Thun AG Success 4 M
Harness to risers distance [cm]	43	43
Distance between risers [cm]	44	48
Total weight in flight [kg]	82	105

1. Inflation/Take-off	**B**			
Rising behaviour	Easy rising, some pilot correction is required	B	Easy rising, some pilot correction is required	B
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	Increasing / greater than 60 cm	A	not available	0
Max. weight in flight greater than 100 kg				
Symmetric control pressure / travel	not available	0	Increasing / greater than 65 cm	A
5. Pitch stability exiting accelerated flight	**A**			
Dive forward angle on exit	Dive forward less than 30°	A	Dive forward less than 30°	A
Collapse occurs	No	A	No	A
6. Pitch stability operating controls during accelerated flight	**A**			
Collapse occurs	No	A	No	A
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	**B**			
Initial response of glider (first 180°)	No immediate reaction	B	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 less than 3 s	A	Spontaneous in less than 3 s	A
Dive forward angle on exit Change of course	Dive forward 30° to 60° / Keeping course	B	Dive forward 0° to 30° / Keeping course	A
Cascade occurs	No	A	No	A
Folding lines used	No	A	No	A
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
With accelerator				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
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	**A**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
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 15° to 45°	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	A	No	A
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	A	No	A
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	A	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	A	No	A
Large asymmetric collapse with fully activated accelerator				
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	A	No	A
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	**B**			
Spin rotation angle after release	Stops spinning in 90° to 180°	B	Stops spinning in 90° to 180°	B
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	**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
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	A	Stable flight	A
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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Paraglider inspection certificate

Inspection certificate number: **PG_2586.2025**

Manufacturer data

Manufacturer name:	**Sky Paragliders a.s.**
Representative:	**Mr. Michal Sotek**
Street:	**Okružní 39**
Post code / place:	**73911 Frýdlant nad Ostravicí**
Country:	**Czech Republic**

Sample data

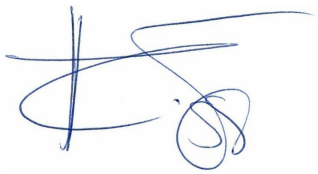
Name:	**Apollo 3 light**	Size:	**L**
Min weight in flight [kg]:	**95**	Max weight in flight [kg]:	**119**
Weight [kg]:	**3.9**	Number of seat:	**Single-seater**
Sample load serial number:	**n/a**	Date of reception:	**n/a**
Sample flight serial number:	**2955-11-0769**	Date of reception:	**18.06.2024**

Test report summary	Result	Place	Date of test
91.23 | Shock loading test:	**Test done on size XL, inspection PG_2587.2025**		**31.07.2024**
91.23 | Sustained loading test:	**Test done on size XL, inspection PG_2587.2025**		**01.08.2024**
91.22 | Flight test:	**B**	Villeneuve	**20.06.2024**
91.24 | Measurement:	**POSITIVE**	Villeneuve	**19.08.2024**
91.27 | Suspension line calculation:	**POSITIVE**	Villeneuve	**13.05.2025**

Issue data

Place of declaration:	**Villeneuve**
Date of issue:	**14.05.2025**
Managing Director:	**Andrea Wigger**

Signature:



This signature approves the validity of the test reports 91.22, 91.23, 91.24 and 91.27 (Only if test reports are applicable).

Air Turquoise SA, has thoroughly tested the sample mentioned above and certifies its conformity with the following standards:

EN926-2:2013+A1:2021, EN926-1:2015 and NfL 2024-2-785

The certificate of inspection is completed with test reports, if available, number: 91.22, 91.23, 91.24, 91.25, 91.27
(If the 91.23 tests are not done, it has been done for another size of a sample within the definition of same model)

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Classification: B

In accordance with standards: EN 926-1:2015, EN 926-2:2013+A1:2021 and NfL 2024-2-785	PG_2586.2025
Date of issue (DMY):	14.05.2025
Manufacturer:	Sky Paragliders a.s.
Model:	Apollo 3 light L
Serial number:	2955-11-0769

Configuration during flight tests

Paraglider

Maximum weight in flight [kg]	**119**
Minimum weight in flight [kg]	**95**
Glider's weight [kg]	**3.9**
Number of risers	**3+1**
Projected area [m²]	**23.8**

Accessories

Range of speed system [cm]	**15.7**
Speed range using brakes [km/h]	**12**
Total speed range with accessories [km/h]	**24**
Range of trimmers [cm]	**n/a**

Harness used for testing (max weight)

Harness type	**ABS**
Harness brand	**Woody Valley srl**
Harness model	**Wani Light 2 L**
Harness to risers distance [cm]	**43**
Distance between risers [cm]	**48**

Inspections (whichever happens first)

once a year or after 100 flight hours, and anytime there is the slightest change in flight characteristics

Person or company having presented the glider for testing: **None**

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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013+A1:2021 and NfL 2024-2-785

Manufacturer	**Sky Paragliders a.s.**	Certification number	PG_2586.2025
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	Flight test	20.06.2024
Glider model	**Apollo 3 light L**	**Classification**	**B**
Serial number	2955-11-0769	Representative	None
Trimmer	no	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Alexandre Jofresa	Anselm Rauh
Harness	Advance Thun AG Success 4 M	Woody Valley srl Wani Light 2 L
Harness to risers distance [cm]	43	43
Distance between risers [cm]	46	48
Total weight in flight [kg]	95	119

1. Inflation/Take-off	**B**			
Rising behaviour	Easy rising, some pilot correction is required	B	Easy rising, some pilot correction is required	B
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	Increasing / greater than 60 cm	A	not available	0
Max. weight in flight greater than 100 kg				
Symmetric control pressure / travel	not available	0	Increasing / greater than 65 cm	A
5. Pitch stability exiting accelerated flight	**A**			
Dive forward angle on exit	Dive forward less than 30°	A	Dive forward less than 30°	A
Collapse occurs	No	A	No	A
6. Pitch stability operating controls during accelerated flight	**A**			
Collapse occurs	No	A	No	A
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	**B**			
Initial response of glider (first 180°)	No immediate reaction	B	No immediate reaction	B
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	720° to 1 080°, spontaneous recovery	B
10. Symmetric front collapse	**A**			
Approximately 30 % chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
With accelerator				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
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	**A**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
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	A	No	A
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	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	A	No	A
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	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	A	No	A
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	A	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	A	No	A
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	**B**			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in 90° to 180°	B
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	**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
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	A	Stable flight	A
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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Classification: B

In accordance with standards: EN 926-1:2015, EN 926-2:2013+A1:2021 and NfL 2024-2-785	PG_2587.2025
Date of issue (DMY):	14.05.2025
Manufacturer:	Sky Paragliders a.s.
Model:	Apollo 3 light XL
Serial number:	2955-11-0767

Configuration during flight tests

Paraglider	
Maximum weight in flight [kg]	**133**
Minimum weight in flight [kg]	**108**
Glider's weight [kg]	**4.1**
Number of risers	**3+1**
Projected area [m²]	**25.89**

Accessories	
Range of speed system [cm]	**15.7**
Speed range using brakes [km/h]	**12**
Total speed range with accessories [km/h]	**24**
Range of trimmers [cm]	**n/a**

Harness used for testing (max weight)	
Harness type	**ABS**
Harness brand	**Niviuk**
Harness model	**Makan L**
Harness to risers distance [cm]	**41**
Distance between risers [cm]	**48**

Inspections (whichever happens first)
once a year or after 100 flight hours, and anytime there is the slightest change in flight characteristics

Person or company having presented the glider for testing: **None**

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

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Comte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Paragliders shock and sustained loading test

Inspection certificate number: **PG_2587.2025** **Test Report**

Manufacturer data

Manufacturer name:	**Sky Paragliders a.s.**
Representative:	**Mr. Michal Sotek**
Street:	**Okruzni 39**
Post code / place:	**73911 Frydlant nad Ostravici**
Country:	**Czech Republic**

Sample data

Name:	**Apollo 3 light**
Size:	**XL**
Maximum weight in flight [kg]:	**133**
Serial number:	**2956-11-0832**
Date of reception:	**11.07.2025**

Test data

Place of test:	**Yverdon (airport)**
Date of test:	**01.08.2024**
Inspector:	**Claude Thurnheer**

Test Atmosphere AGL

18	[°C]
78	RH [%]
960	[hPA]
2.1	Wind [m/s]

Shock loading test result (1)

Weak link used [daN]:	**1000**		
Visual inspection:	**No visible damage**	Results:	**POSITIVE**

Weak link

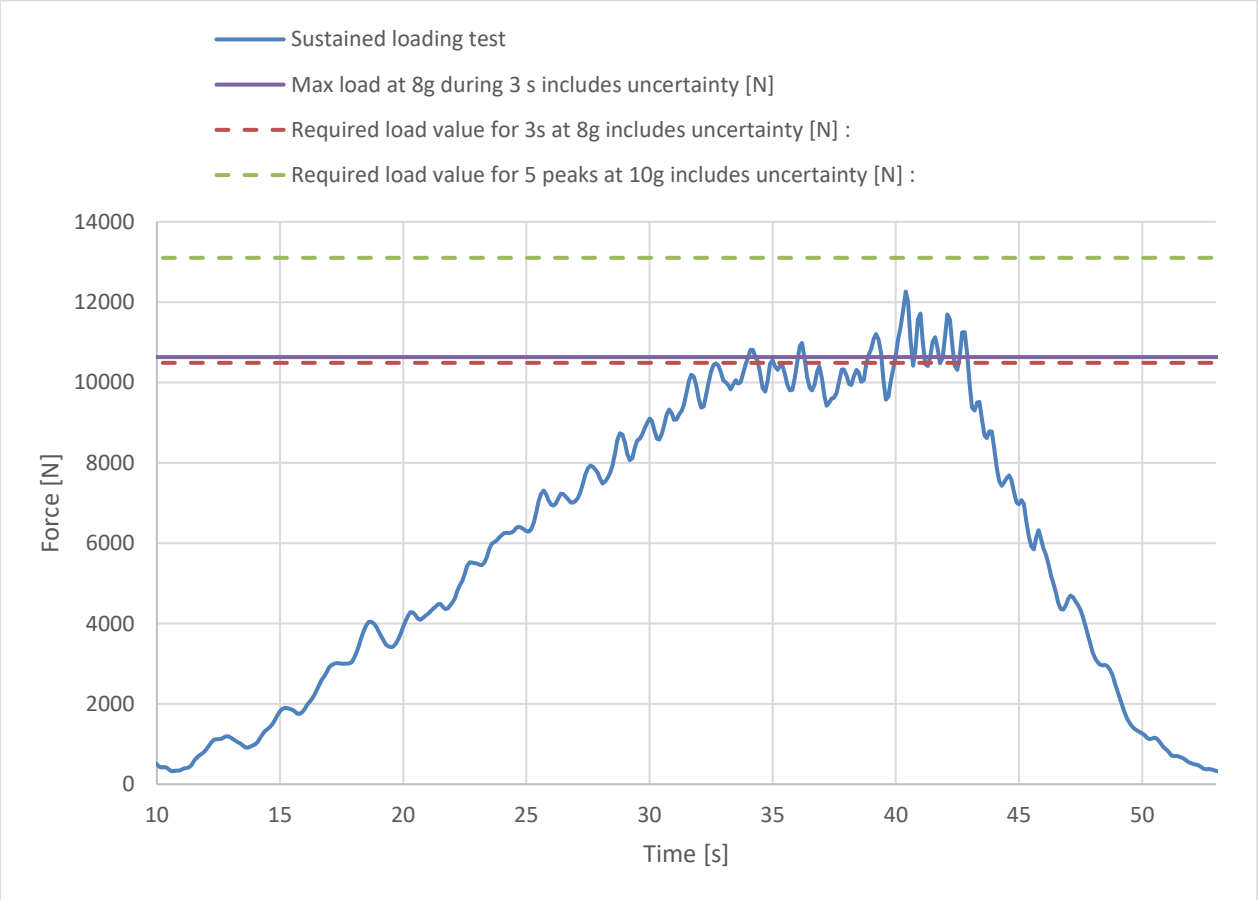
Instruments	Validity	Manufacturer	s/n
Weak link	continously	Tost	n/a
Ultrawire DSK99	29.10.2023	Gottifredi	n/a
Geos n° 11 Skywatch	18.06.2025	JDC elec.	Unit11

Inspection certificate number: **PG_2587.2025**

Detailed sustained loading test results

Cumulative duration at max load [s]:	**3.2**
Max calculated load value for a duration of 3 sec. [N]:	**1329.20**
Max calculated load value for a duration of 3 sec. [kg]:	**135.49**
Max calculated load value with five peaks [N]:	**n/a**
Max calculated load value with five peaks [kg]:	**n/a**
Max calculated load value with 3 sec or five peaks [N]:	**1329.20**
Max calcultaed load value with 3 sec or five peaks [kg]:	**135.49**

Sustained loading test diagram



Sustained loading test results [3]

Result:	**POSITIVE**
Calculated max load value with 3 sec or five peaks [kg]:	**135.49**

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Comte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

Test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Inspection certificate number: **PG_2587.2025**

Instruments	Manufacturer	Validity	S/N
Load sensor	HBM	23.08.2028	31314652
Geos n°11 Skywatch	JDC	18.06.2025	Unit11

The validation of this test report is given by the signature of the test manager on inspection certificate 91.20

Air Turquoise SA has thoroughly tested the sample of paraglider mentioned above and certifies its conformity with the standards **EN 926-1:2015 | NfL 2024-2-785**

(1) The paraglider is subjected to a shock load. Shock load is limited using a weak link according to the weight range of the glider. The weak link breaks or 5 s has elapsed since the start of the shock load. The wing is then visually inspected for damage.

(2) The weak link value includes the uncertainty for the weight range test values / The uncertainty state 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%.

(3) The test specimen (sample) 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:
a) 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
b) 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.

(4) The calculated value include the value minus the uncertainty / 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%.

AIR TURQUOISE SA | PARA-TEST.COM
Route du Pré-au-Compte 8 ▲ CH-1844 Villeneuve ▲ +41 (0)21 965 65 65

test laboratory for paragliders, paraglider harnesses
and paraglider reserve parachutes

paragliding by air turquoise

Flight test report: EN 926-2:2013+A1:2021 and NfL 2024-2-785

Manufacturer	**Sky Paragliders a.s.**	Certification number	PG_2587.2025
Address	Okružní 39 73911 Frýdlant nad Ostravicí Czech Republic	Flight test	03.09.2024
Glider model	**Apollo 3 light XL**	**Classification**	**B**
Serial number	2955-11-0767	Representative	None
Trimmer	no	Place of test	Villeneuve
Folding lines used	no		

Test pilot	Alexandre Jofresa	Anselm Rauh
Harness	Advance Thun AG Success 4 M	Niviuk Makan L
Harness to risers distance [cm]	43	41
Distance between risers [cm]	48	48
Total weight in flight [kg]	108	133

1. Inflation/Take-off	**B**			
Rising behaviour	Easy rising, some pilot correction is required	B	Easy rising, some pilot correction is required	B
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	**A**			
Dive forward angle on exit	Dive forward less than 30°	A	Dive forward less than 30°	A
Collapse occurs	No	A	No	A
6. Pitch stability operating controls during accelerated flight	**A**			
Collapse occurs	No	A	No	A
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	**B**			
Initial response of glider (first 180°)	No immediate reaction	B	No immediate reaction	B
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	**A**			
Approximately 30 % chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
At least 50% chord				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
With accelerator				
Entry	Rocking back less than 45°	A	Rocking back less than 45°	A
Recovery	Spontaneous in less than 3 s	A	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	A	No	A
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	**A**			
Dive forward angle on exit	Dive forward 0° to 30°	A	Dive forward 0° to 30°	A
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	A	No	A
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	A	No	A
Small asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 0° to 15°	A	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	A	No	A
Large asymmetric collapse with fully activated accelerator				
Change of course until re-inflation / Maximum dive forward or roll angle	Less than 90° / Dive or roll angle 15° to 45°	A	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	A	No	A
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	**B**			
Spin rotation angle after release	Stops spinning in less than 90°	A	Stops spinning in 90° to 180°	B
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	**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
Behaviour immediately after releasing the accelerator while maintaining big ears	Stable flight	A	Stable flight	A
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