



## Speed of opening, stability, descent rate

Inspection certificate number: **EP\_210.2018**

**Test Report**

### Manufacturer data

Manufacturer name: **AIR MKG - Kortel Design**  
 Representative: **Max Jeanpierre**  
 Street: **1096 Avenue André Lasquin**  
 Post code / Place: **74700 Sallanches**  
 Country: **France**

### Sample data

Name:	<b>Krisis Karré</b>	Size:	<b>160</b>
Steerable	<b>Yes</b>	Maximum weight in flight <sup>(1)</sup> [kg]:	<b>160</b>
Weight <sup>(2)</sup> [kg]	<b>1.778</b>	volume packed [cm <sup>3</sup> ]:	<b>5300</b>
Serial number:	<b>DC160-002</b>		

### Test data <sup>(3)</sup>

	<b>Test no. 1</b>	<b>Test no. 2</b>
Place of test	<b>Villeneuve</b>	<b>Villeneuve</b>
Date of test	<b>14.12.2017</b>	<b>07.02.2017</b>
Inspector:	<b>Alain Zoller</b>	<b>Alain Zoller</b>

### Atmosphere AGL

	<b>3</b>	<b>5</b>
[°C]		
RH [%]	<b>78</b>	<b>78</b>
[hPa]	<b>973</b>	<b>972.9</b>
Wind [m/s]	<b>0.1</b>	<b>0.2</b>

### Summary of both results <sup>(4)</sup>

	<b>EN</b>	<b>LTF</b>
Time of opening test [s]:	<b>4.83</b>	<b>4.83</b>
Calculated descent rate test [m/s]:	<b>5.20</b>	<b>5.20</b>
Stability test:	<b>POSITIVE</b>	<b>POSITIVE</b>
Behaviour during descent test:	<b>Stable</b>	<b>Stable</b>

## Strength test - 40 m/s opening shock

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**Test Report**

### Manufacturer data

Manufacturer name: **AIR MKG - Kortel Design**  
 Representative: **Max Jeanpierre**  
 Street: **1096 Avenue André Lasquin**  
 Post code / Place: **74700 Sallanches**  
 Country: **France**

### Sample data

Name: **Krisis Karré** Size: **160**  
 Steerable: **Yes** Maximum weight [kg]: **160**  
 Weight [kg]: **1.778** volume packed [cm<sup>3</sup>]: **5300**  
 Serial number: **DC160-001**

### Test data <sup>(1)</sup>

	Test no. 1	Test no. 2
Place of test	<b>Illarsaz</b>	<b>Illarsaz</b>
Date of test	<b>08.12.2016</b>	<b>08.12.2016</b>
Corrected mass [kg]	164.85	164.85
Inspector:	<b>Alain Zoller</b>	<b>Alain Zoller</b>

### Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	<b>2</b>	<b>2</b>
RH [%]	<b>67</b>	<b>67</b>
[hPa]	<b>991.4</b>	<b>991.4</b>
Wind [m/s]	<b>0.2</b>	<b>0.2</b>

### Test results

	Test no. 1	Test no. 2
Speed of opening (maximum 5 s)	<b>POSITIVE</b>	<b>POSITIVE</b>
Strength test (40m/s shock)	<b>POSITIVE</b>	<b>POSITIVE</b>
Aircraft speed uncertainty K=2 [m/s] <sup>(2)</sup>	1.7	1.7

Item / type no.	Validity	Manufacturer	S/N
Weight	2020	Air Turquoise SA	N/A
Geos n° 11	08.05.2017	JDC elec.	22
Weak link	2020	Tost	N/A

## Additional test for steerable parachutes

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### Manufacturer data

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 Representative: **Max Jeanpierre**  
 Street: **1096 Avenue André Lasquin**  
 Post code / Place: **74700 Sallanches**  
 Country: **France**

### Sample data

Name: **Krisis Karré** Size: **160**  
 Steerable: **Yes** Maximum weight in flight <sup>(1)</sup> [kg]: **160**  
 Weight <sup>(2)</sup> [kg]: **1.778** volume packed [cm<sup>3</sup>]: **5300**  
 Serial number: **DC160-002**

### Test data <sup>(3)</sup>

	Test no. 1	Test no. 2
Place of test	<b>Villeneuve</b>	<b>Villeneuve</b>
Date of test	<b>14.12.2017</b>	<b>07.02.2017</b>
Inspector:	<b>Alain Zoller</b>	<b>Alain Zoller</b>

### Atmosphere AGL

[°C]	<b>3</b>	<b>5</b>
RH [%]	<b>78</b>	<b>78</b>
[hPa]	<b>973</b>	<b>972.9</b>
Wind [m/s]	<b>0.1</b>	<b>0.2</b>

### Test results

- |   |                 |
|---|-----------------|
| a The emergency parachute is deployed from a paraglider in normal straight flight.                            | <b>POSITIVE</b> |
| b The pilot shall take no action while the behaviour of the parachute and paraglider are observed 200 metres. | <b>POSITIVE</b> |
| c The pilot take action while the behaviour of the parachute and paraglider are observed 200 metres.          | <b>POSITIVE</b> |
| d Any flight procedure and/or configuration described in the user's manual                                    | <b>POSITIVE</b> |

The validation of this test report is given by the signature of the test manager on inspection certificate 71.5.1

**Air Turquoise SA** has thoroughly tested the sample of emergency parachute mentioned above and certifies its conformity with the standards: **EN 12491:2001 chapter 5.3.6 - LTF NFL II 9/09 chapter 6**

(1) Total weight in flight exclude weight of paraglider, also called payload - (2) Weight of the emergency parachute

<sup>(3)</sup> Check whether every other flight procedure and/or configuration described in the user's manual can be flown safely. This can be done during the opening, stability and descent rate test is done