



## Speed of opening, stability, descent rate

Inspection certificate number: **EP\_254.2018**

**Test Report**

### Manufacturer data

Manufacturer name: **Mac Para Technology**  
 Representative: **Peter Recek**  
 Street: **Televizni 2615**  
 Post code / Place: **756 61 Roznov pod Radhostem**  
 Country: **Czech Republic**

### Sample data

Name: **Aegis SQ** Size: **105**  
 Steerable **n/a** Maximum weight in flight <sup>(1)</sup> [kg]: **105**  
 Weight <sup>(2)</sup> [kg] **1.24** volume packed [cm<sup>3</sup>]: **4600**  
 Serial number: **2015-34-0124**

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

	Test no. 1	Test no. 2
Place of test	<b>Villeneuve</b>	<b>Villeneuve</b>
Date of test	<b>09.03.2015</b>	<b>08.04.2015</b>
Inspector:	<b>Alain Zoller</b>	<b>Alain Zoller</b>

### Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	<b>13</b>	<b>12</b>
RH [%]	<b>62</b>	<b>43</b>
[hPa]	<b>980.7</b>	<b>984.4</b>
Wind [m/s]	<b>0</b>	<b>1</b>

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

	EN	LTF
Time of opening test [s]:	<b>3.88</b>	<b>3.88</b>
Calculated descent rate test [m/s]:	<b>5.50</b>	<b>5.50</b>
Stability test:	<b>POSITIVE</b>	<b>POSITIVE</b>
Behaviour during descent test:	<b>Stable</b>	<b>Stable</b>
Glide ratio	<b>POSITIVE</b>	

## Strength test - 40 m/s opening shock

Inspection certificate number: **EP\_254.2018**

**Test Report**

### Manufacturer data

Manufacturer name: **Mac Para Technology**  
 Representative: **Peter Recek**  
 Street: **Televizni 2615**  
 Post code / Place: **756 61 Roznov pod Radhostem**  
 Country: **Czech Republic**

### Sample data

Name: **Aegis SQ** Size: **105**  
 Steerable **n/a** Maximum weight [kg]: **105**  
 Weight [kg] **1.24** volume packed [cm<sup>3</sup>]: **4600**  
 Serial number: **2012.0025**

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

	Test no. 1	Test no. 2
Place of test	<b>Illarsaz</b>	<b>Illarsaz</b>
Date of test	<b>03.02.2012</b>	<b>02.04.2012</b>
Corrected mass [kg]	n/a	n/a
Inspector:	<b>Alain Zoller</b>	<b>Alain Zoller</b>

### Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	<b>4</b>	<b>13</b>
RH [%]	<b>70</b>	<b>67.5</b>
[hPa]	<b>980</b>	<b>968</b>
Wind [m/s]	<b>2</b>	<b>0</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