



Speed of opening, stability, descent rate

Inspection certificate number: **EP_255.2018**

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:	140
Steerable	n/a	Maximum weight in flight ⁽¹⁾ [kg]:	140
Weight ⁽²⁾ [kg]	1.64	volume packed [cm ³]:	5600
Serial number:	2015-38-0212		

Test data ⁽³⁾

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

Atmosphere AGL

	10	14
[°C]		
RH [%]	62	41
[hPa]	980.7	984.4
Wind [m/s]	0	1

Summary of both results ⁽⁴⁾

	EN	LTF
Time of opening test [s]:	3.2	3.2
Calculated descent rate test [m/s]:	5.50	5.50
Stability test:	POSITIVE	POSITIVE
Behaviour during descent test:	Stable	Stable
Glide ratio	POSITIVE	

Strength test - 40 m/s opening shock

Inspection certificate number: **EP_255.2018****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: **140**
 Steerable **n/a** Maximum weight [kg]: **140**
 Weight [kg] **1.64** volume packed [cm³]: **5600**
 Serial number: **2012.0035**

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Illarsaz	Illarsaz
Date of test	03.02.2012	02.04.2012
Corrected mass [kg]	137.73	137.73
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	4.5	4.5
RH [%]	68	68
[hPa]	954.2	954.2
Wind [m/s]	2	2

Test results

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