

Speed of opening, stability, descent rate

Inspection certificate number: **EP_337.2022**

Test Report

Manufacturer data

Manufacturer name: **Companion / Evotec Ltd**
 Representative: **Peter Mack**
 Street: **Munkacsy M. Str. 8**
 Post code / Place: **7695 Mecseknyadasd**
 Country: **Hungary**

Sample data

Name:	SQR Classic	Size:	140
Steerable ⁽¹⁾ :	No	Maximum weight in flight ⁽²⁾ [kg]:	140
Weight ⁽³⁾ [kg]:	1.72	volume packed [cm ³]:	5200
Serial number:	PR 047		

Test data ⁽⁴⁾

	Test no. 1	Test no. 2
Place of test:	Villeneuve	Villeneuve
Date of test:	04.09.2018	12.09.2018
Inspector:	Claude Thurnheer	Claude Thurnheer

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	15.5	21
RH [%]	78	62
[hPa]	972.9	980.6
Wind [m/s]	0.1	0.1

Summary of both results ⁽⁵⁾

	EN	NfL
Time of opening test [s]:	3.23	3.23
Calculated descent rate test [m/s]:	5.49	5.49
Stability test:	POSITIVE	POSITIVE
Behaviour during descent test:	Stable	Stable
Glider ratio:	POSITIVE	

If steerable:

Any flight procedure and/or configuration described in the user's manual	N/A	N/A
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Strength test - 40 m/s opening shock

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 Country: **Hungary**

Sample data

Name: **SQR Classic** Size: **140**
 Steerable: **No** Maximum weight [kg]: **140**
 Weight [kg]: **1.72** volume packed [cm³]: **5200**
 Serial number: **PR 048**

Test data ⁽¹⁾

	Test no. 1	Test no. 2
Place of test	Muraz	Muraz
Date of test	28.08.2018	28.08.2018
Corrected mass [kg]	131.96	131.96
Inspector:	Alain Zoller	Alain Zoller

Atmosphere AGL

	Test no. 1	Test no. 2
[°C]	21	21
RH [%]	63	63
[hPa]	968.3	968.3
Wind [m/s]	0.3	0.3

Test results

	Test no. 1	Test no. 2
Strength test (40m/s shock)	POSITIVE	POSITIVE
Aircraft speed uncertainty K=2 [m/s] ⁽²⁾	2.9	2.9

Item / type no.	Validity	Manufacturer	S/N
Weight	check every 12 months	Air Turquoise SA	N/A
Geos n° 11	18.06.2025	JDC elec.	Unit11
Weak link	continuously	Tost	N/A