

S size

UP-International GmbH – Kreuzeckbahnstrasse 7, Garmisch-Partenkirchen, Germany



**Canopy dimension report**

Name: **Guru**  
 Size: **S**  
 Maximum load (kg): **95**  
 Serial Number: **XD90S0111877891**

Place: **UP-International workshop**  
 Date of measurement: **18.01.2019**

Manufacture name: **UP-International GmbH**  
 Representative: **Frantisek Pavlousek – head R&D**  
 Street: **Kreuzeckbahnstrasse 7**  
 Place: **Garmisch-Partenkirchen**  
 Country: **Germany**

**Canopy dimensions**

	Rib nb from Center	Measure mm:	Tension:	Tolerances (%):
<b>Full Span:</b>		12495	5daN	2
<b>1/4 Trailing Edge</b>		6372	5daN	1
<b>Chrod A</b>	1	2073	1daN	1
<b>Chrod B</b>	21	1828	1daN	1

Aspect ratio:  $-4 * \text{Span} / (\text{Chord A} + 2.5 * \text{Chord B})$   
**7,52**

number of cells  
**98**

**Chord lenght. Inlet position, tabs position measured from trailing edge**

First fully lined RIB of group 1 (from center)

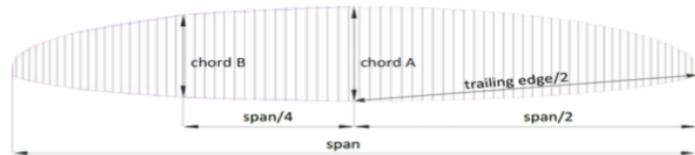
	Rib n	Distance	Tension	Tolerances
<b>Chord:</b>	1	2149	1daN	+/-10mm
<b>Top of inlet:</b>	1	2081	5daN	+/-10mm
<b>Bottom of inlet:</b>	1	2048	5daN	+/-10mm
<b>Tab Aa:</b>	2	1878	5daN	+/-10mm
<b>Tab Ab:</b>	2	1741	5daN	+/-10mm
<b>Tab B:</b>	2	929	5daN	+/-10mm
<b>Tab C:</b>	2	693	5daN	+/-10mm

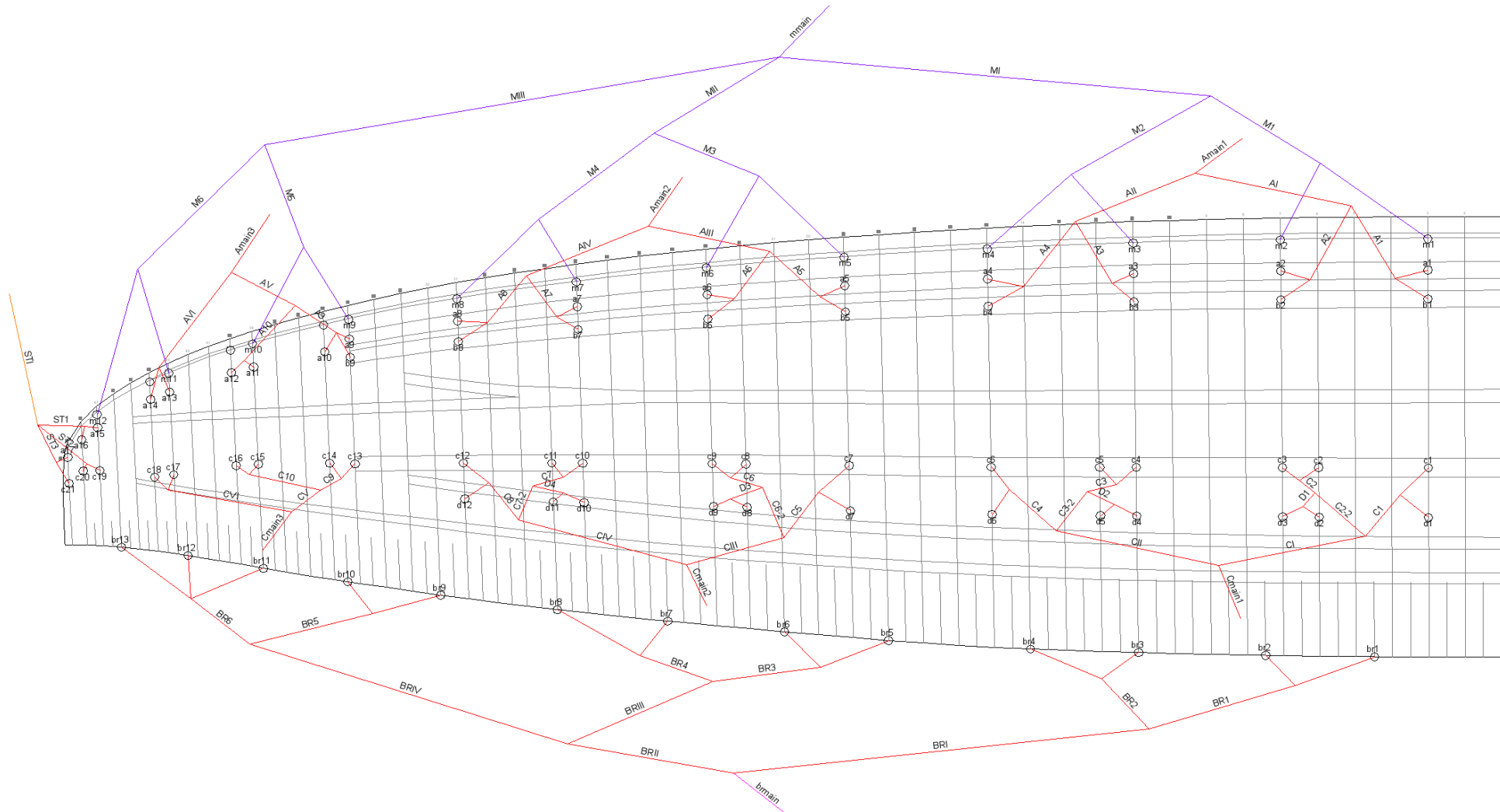
First fully lined RIB of group 1 (from center)

	Rib number	Distance	Tension	Tolerances
<b>Chord:</b>	1	1882	1daN	+/-10mm
<b>Top of inlet:</b>	1	1822	5daN	+/-10mm
<b>Bottom of inlet:</b>	1	1795	5daN	+/-10mm
<b>Tab Aa:</b>	2	1643	5daN	+/-10mm
<b>Tab Ab:</b>	2	1525	5daN	+/-10mm
<b>Tab B:</b>	2	812	5daN	+/-10mm
<b>Tab C:</b>	2	605	5daN	+/-10mm

First fully lined RIB of group 1 (from center)

	Rib n.	Distance	Tension	Tolerances
<b>Chord:</b>	1	473	1daN	+/-10mm
<b>Tab A:</b>	1	418	5daN	+/-10mm
<b>Tab B:</b>	1	299	5daN	+/-10mm





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**PG Measurement report**

Measurement of flight test sample

Canopy dimension report



Serial number: **XD90S0111877891** Sample name: **GURU S** Execution date: **18.11.2018** Execution place: **UP**  
 Manufacture: **UP-International GmbH** Responsible: **Michal Šneiberg**

Total length with rizer (mm)													main brake lines diff color than A,B,C main line?			Yes
A			B			C			D			Folding lines				
Manual	Sample left side	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff	Manual	Sample	Diff		
1	7667	7676	10	7635	7646	11	7612	7630	18	7677	7692	15				
2	7542	7555	13	7509	7521	13	7512	7528	16	7585	7598	13			7882	
3	7506	7508	2	7473	7480	8	7498	7513	16	7571	7585	15			7821	
4	7548	7551	3	7517	7523	6	7459	7478	19	7537	7553	16			7845	
5	7442	7447	6	7416	7423	7	7462	7480	19	7535	7553	18			7618	
6	7305	7309	5	7283	7285	3	7518	7535	18	7587	7599	12			7476	
7	7236	7241	5	7216	7217	2	7412	7431	19	7485	7503	19			7384	
8	7280	7283	3	7263	7264	1	7288	7307	19	7364	7373	10			7384	
9	7053	7054	2	7033	7037	4	7270	7290	20	7345	7360	15			7168	
10	6996	6999	3				7211	7225	14	7277	7286	10			7044	
11	6906	6910	4				7206	7222	17	7270	7278	8			6939	
12	6900	6906	6				7253	7263	11	7299	7305	6			6923	
13	6836	6837	2				7063	7073	11							
14	6833	6835	2				7029	7035	7							
15	6714	6721	7				6944	6948	5							
16	6710	6715	5				6938	6938	0							
17	6706	6711	6				6885	6891	6							
18							6877	6882	6							
19							6732	6737	6							
20							6723	6726	4							
21							6736	6740	5							

Measurement total rizer length (mm)

Total length rizer (with carabines)		
Rizers	trim	accelerated
A	540	400
All	540	470
B	540	540
Acc	140	
Trimmer	n/a	

Total length without carabines		
Rizers	trim	accelerated
A	515	375
All	520	450
B	540	540
Acc	140	
Trimmer	n/a	

Number of rizers: 3  
 Tolerance (mm): 5  
 Carabiner (mm): 25  
 Tolerance (mm): 2

Stabilo line attached to rizers: **Amain3**  
 Speed system configuration max travel in flight: **Touch**

