



Line and Riser measurements report for flight test glider

Report number: **PG_1442.2019**
 Manufacturer: **Niviuk Gliders**

Sample name: **Hook 5 20**
 S/N: **NIH520V1**

Total line length include riser and carabiner/connect [mm]

		A	B	C	D	E	Stab	Brakes
Center	1	6371	6270	6312	6421		5523	6425
	2	6315	6208	6260	6368		5528	6236
	3	6250	6204	6277	6382		5594	6158
	4	6173	6084	6133	6228			6097
	5	6108	6026	6088				5940
	6	5982	5936	6008				5877
	7	5901	5904	5991				5912
	8	5843	5899	6004				5869
	9	5620	5597					5744
	10							5644
Wing tip	11							5625
	12							
	13							
	14							
	15							
	16							
	17							
	18							

Measure total riser length with no carabiners/connect [mm]

Risers	Std	Acc
A	468	339
A'	466	337
B	464	378
C	468	468
D		
Acc	130	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)

Line and Riser measurements report for flight test glider

Report number: **PG_1515.2019**

Sample name: **Hook 5 P 22**

Manufacturer: **Niviuk**

S/N: **NIPS10220181**

Total line length include riser and carabiner/connect [mm]

		A	B	C	D	E	Stab	Brakes
Center	1	6659	6560	6608	6722		5814	6768
	2	6606	6502	6555	6666		5819	6568
	3	6535	6505	6590	6697		5891	6485
	4	6457	6384	6444	6543			6434
	5	6398	6319	6380				6270
	6	6266	6227	6297				6199
	7	6174	6194	6281				6241
	8	6117	6189	6298				6197
	9	5910	5888					6069
	10							5966
Wing tip	11							5951
	12							
	13							
	14							
	15							
	16							
	17							
	18							

Measure total riser length with no carabiners/connect [mm]

Risers	Std	Acc
A	467	333
A'	467	333
B	466	378
C	468	468
D		
Acc	130	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)



Line and Riser measurements report for flight test glider

Report number: **PG_1516.2019**
 Manufacturer: **Niviuk**

Sample name: **Hook 5 P 24**
 S/N: **NIPS10220184**

Total line length include riser and carabiner/connect [mm]

		A	B	C	D	E	Stab	Brakes
Center	1	6937	6828	6895	7012		6074	7103
	2	6881	6772	6843	6963		6075	6895
	3	6822	6779	6874	6986		6151	6810
	4	6742	6653	6724	6820			6752
	5	6686	6591	6659				6583
	6	6545	6497	6572				6509
	7	6456	6457	6553				6554
	8	6391	6450	6568				6505
	9	6178	6155					6374
	10							6257
Wing tip	11							6257
	12							
	13							
	14							
	15							
	16							
	17							
	18							

Measure total riser length with no carabiners/connect [mm]

Risers	Std	Acc
A	473	341
A'	474	342
B	471	383
C	472	472
D		
Acc	130	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)



Line and Riser measurements report for flight test glider

Report number: **PG_1517.2019**
 Manufacturer: **Niviuk**

Sample name: **Hook 5 P 26**
 S/N: **NIPS10220182**

Total line length include riser and carabiner/connect [mm]

		A	B	C	D	E	Stab	Brakes
Center	1	7241	7124	7187	7312		6339	7397
	2	7185	7070	7137	7259		6339	7182
	3	7114	7078	7167	7280		6416	7096
	4	7039	6949	7011	7118			7035
	5	6971	6878	6943				6859
	6	6829	6782	6857				6783
	7	6735	6746	6835				6833
	8	6670	6747	6856				6785
	9	6441	6420					6648
	10							6535
Wing tip	11							6519
	12							
	13							
	14							
	15							
	16							
	17							
	18							

Measure total riser length with no carabiners/connect [mm]

Risers	Std	Acc
A	467	311
A'	467	311
B	466	361
C	468	468
D		
Acc	160	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)



Line and Riser measurements report for flight test glider

Report number: **PG_1518.2019**
 Manufacturer: **Niviuk**

Sample name: **Hook 5 P 28**
 S/N: **NIH528V1**

Total line length include riser and carabiner/connect [mm]

		A	B	C	D	E	Stab	Brakes
Center	1	7473	7361	7431	7559		6524	7677
	2	7422	7305	7378	7509		6528	7450
	3	7395	7351	7449	7569		6607	7364
	4	7306	7208	7288	7397			7299
	5	7243	7147	7218				7114
	6	7090	7047	7127				7041
	7	6997	7010	7108				7091
	8	6932	7008	7131				7045
	9	6655	6638					6903
	10							6782
Wing tip	11							6762
	12							
	13							
	14							
	15							
	16							
	17							
	18							

Measure total riser length with no carabiners/connect [mm]

Risers	Std	Acc
A	465	314
A'	466	315
B	464	366
C	467	467
D		
Acc	150	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)