

Line and Riser measurements report for flight test glider

Report number: **PG_1653.2020**
 Manufacturer: **Niviuk Gliders**

Sample name: **Ikuma 2 22**
 S/N: **PI460890**

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

		A	B	C	D	E	Stab	Brakes
Center	1	6929	6838	6950	7028		6194	7391
	2	6880	6791	6884	6971		6127	6973
	3	6844	6755	6839	6926		6171	6821
	4	6857	6763	6866	6948		6129	6849
	5	6795	6710	6810	6889		6194	6701
	6	6758	6681	6765	6847			6542
	7	6714	6632	6720	6792			6503
	8	6725	6646	6747	6799			6619
	9	6646	6582	6652				6474
	10	6567	6503	6574				6422
Wing tip	11	6474	6429	6488				6399
	12	6444	6393	6453				6476
	13							
	14							
	15							
	16							
	17							
	18							

Measure total riser length without carabiners/connect [mm]

Risers	Std	Acc
A	461	301
A'	460	317
B	463	364
C	465	465
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_1628.2019**
 Manufacturer: **Niviuk Gliders**

Sample name: **Ikuma 2 24**
 S/N: **OIIK24VS**

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

		A	B	C	D	E	Stab	Brakes
Center	1	7250	7142	7231	7316		6471	7721
	2	7199	7092	7168	7258		6401	7296
	3	7164	7058	7129	7216		6448	7135
	4	7177	7071	7162	7243		6400	7149
	5	7109	7007	7104	7182		6465	6987
	6	7077	6974	7056	7143			6813
	7	7017	6920	7017	7081			6769
	8	7030	6938	7043	7094			6898
	9	6947	6872	6938				6739
	10	6858	6791	6850				6694
	11	6756	6700	6764				6667
Wing tip	12	6727	6665	6735				6748
	13							
	14							
	15							
	16							
	17							
	18							

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

Risers	Std	Acc
A	463	310
A'	466	323
B	463	381
C	466	466
D		
Acc	150	*[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_1629.2019**
 Manufacturer: **Niviuk Gliders**

Sample name: **Ikuma 2 26**
 S/N: **IKUMA2526V1**

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

		A	B	C	D	E	Stab	Brakes
Center	1	7536	7429	7532	7619		6746	8040
	2	7483	7379	7464	7557		6674	7589
	3	7443	7340	7416	7507		6719	7436
	4	7455	7354	7451	7538		6670	7468
	5	7390	7292	7399	7476		6733	7304
	6	7357	7258	7351	7430			7133
	7	7303	7207	7298	7380			7096
	8	7314	7222	7328	7397			7218
	9	7231	7148	7236				7062
	10	7144	7067	7144				7002
	11	7043	6979	7052				6973
Wing tip	12	7012	6941	7015				7067
	13							
	14							
	15							
	16							
	17							
	18							

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

Risers	Std	Acc
A	465	306
A'	461	320
B	458	367
C	467	467
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_1674.2020**
 Manufacturer: **Niviuk**

Sample name: **Ikuma 2 28**
 S/N: **PI460891**

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

		A	B	C	D	E	Stab	Brakes
Center	1	7825	7717	7825	7918		6932	8322
	2	7773	7663	7755	7860		6927	7853
	3	7730	7629	7719	7809		7005	7692
	4	7744	7641	7749	7838			7724
	5	7679	7571	7687	7775			7559
	6	7641	7543	7638	7724			7383
	7	7585	7488	7588	7669			7349
	8	7596	7505	7623	7679			7481
	9	7513	7436	7519				7308
	10	7420	7348	7425				7248
	11	7308	7252	7330				7220
	12	7276	7217	7300				7312
Wing tip	13	7001	6974					
	14							
	15							
	16							
	17							
	18							

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

Risers	Std	Acc
A	464	294
A'	464	312
B	463	362
C	466	466
D		
Acc	170	*[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_1660.2020**
 Manufacturer: **Niviuk**

Sample name: **Ikuma 2 30**
 S/N: **PI460892**

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

		A	B	C	D	E	Stab	Brakes
Center	1	8099	7985	8100	8191		7194	8629
	2	8045	7932	8028	8128		7186	8142
	3	8007	7890	7989	8085		7264	7980
	4	8022	7903	8024	8115			8011
	5	7956	7849	7956	8047			7839
	6	7915	7816	7908	7995			7656
	7	7858	7766	7855	7938			7619
	8	7877	7782	7888	7954			7754
	9	7782	7700	7787				7587
	10	7688	7613	7693				7526
	11	7574	7522	7595				7500
	12	7537	7479	7561				7593
Wing tip	13	7265	7238					
	14							
	15							
	16							
	17							
	18							

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

Risers	Std	Acc
A	461	301
A'	460	317
B	463	364
C	465	465
D		
Acc	160	*[mm]
Trimmer	n/a	[mm]

*Travel range (distance between A and rear riser)