



Glider EIKO 2 16

Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

A			B			C			D			BRAKE		
Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
5347		-5347	5284		-5284	5405		-5405	5507		-5507	5554		-5554
5306		-5306	5240		-5240	5381		-5381				5341		-5341
5317		-5317	5245		-5245	5354		-5354	5448		-5448	5186		-5186
5277		-5277	5197		-5197	5277		-5277	5351		-5351	5136		-5136
5251		-5251	5170		-5170	5255		-5255				5000		-5000
5268		-5268	5180		-5180	5241		-5241	5291		-5291	4950		-4950
5235		-5235	5165		-5165	5221		-5221	5261		-5261	4962		-4962
5165		-5165	5114		-5114	5158		-5158	5183		-5183	5045		-5045
5129		-5129	5091		-5091	5119		-5119	5134		-5134	4972		-4972
												4962		-4962
												5020		-5020
4879		-4879	4885		-4885									
4807		-4807	4849		-4849	4916		-4916	5010		-5010			

Tolérance +/- 10mm

Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	503			378		
A'	503			378		
B	503			420		
C	503			503		

Tolérance +/- 5mm

Glider EIKO 2 16

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	3885	3625	BR1	3830	3570	CR1	3926	3666	d1	948	728	BRmain	2411	2111
AR2	3830	3570	BR2	3767	3507	CR2	3831	3571	d2	928	708	BRM1	1952	1732
AR3	3589	3329	BR3	3543	3283	CR3	3569	3309	d3	895	675	BRM2	1907	1687
a1	1453	1233	b1	1445	1225	CM1	860	640	d4	859	639	BRM3	2414	2194
a2	1412	1192	b2	1401	1181	CM2	821	601	d5	691	471	BRMU1	1118	1405
a3	1423	1203	b3	1406	1186	CM3	852	632	d6	650	430	BRMU2	945	725
a4	1438	1218	b4	1421	1201	CM4	828	608	d7	620	400	BRMU3	930	710
a5	1412	1192	b5	1394	1174	CM5	1227	1007				BRMU4	951	731
a6	1429	1209	b6	1404	1184	CM6	1190	970	STABILO LINES			br1	1058	838
a7	1635	1415	b7	1611	1391	CM7	1171	951	NAME	CUT	SEWN	br2	845	625
a8	1565	1345	b8	1560	1340	c1	846	626	STMain	3842	3622	br3	863	643
a9	1529	1309	b9	1537	1317	c2	1453	1233	STMA	566	346	br4	813	593
a10	979	759	b10	985	765	c3	834	614	STMB	641	421	br5	737	517
						c4	821	601	sta	566	346	br6	687	467
						c5	1422	1202	stb	608	388	br7	678	458
						c6	809	589	stc	600	380	br8	761	541
						c7	657	437	std	694	474	br9	904	684
						c8	631	411				br10	850	630
						c9	611	391				br11	908	688

Tolerance +/- 10mm

Lines lengths under 5 kg of tension:

*the cut value may differ according to the type of stitching/machine and the thread used

**the sewn value is the final length of the line, from one loop end to the other

Glider EIKO 2 19

Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

A			B			C			D			BRAKE		
Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
5822	5820	-2	5754	5754	-0	5879	5878	-1	5997	6000	3	6094	6092	-3
5780	5781	1	5707	5704	-3	5860	5860	-0				5866	5862	-4
5792	5793	1	5714	5713	-1	5827	5824	-3	5936	5936	0	5699	5697	-2
5755	5761	6	5663	5667	4	5748	5749	1	5834	5838	4	5646	5644	-2
5726	5729	3	5634	5636	2	5729	5728	-1				5502	5500	-3
5745	5747	2	5646	5648	2	5710	5712	2	5770	5771	1	5448	5448	0
5708	5714	6	5631	5637	6	5683	5689	6	5732	5737	5	5461	5464	3
5632	5637	5	5576	5582	6	5616	5623	7	5648	5653	5	5551	5555	4
5587	5592	5	5545	5550	5	5575	5580	5	5595	5600	5	5473	5480	7
												5458	5452	-6
5282	5276	-6	5288	5283	-5							5517	5516	-1
5196	5190	-6	5244	5238	-6	5318	5312	-6	5422	5416	-6			

Tolérance +/- 10mm

Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	507	506	-1	397	396	-1
A'	507	510	3	397	393	-4
B	507	509	2	434	435	1
C	507	503	-4	507	503	-4

Tolérance +/- 5mm

Glider EIKO 2 19

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4241	3981	BR1	4181	3921	CR1	4281	4021	d1	1024	804	BRmain	2632	2332
AR2	4186	3926	BR2	4114	3854	CR2	4183	3923	d2	1004	784	BRM1	2119	1899
AR3	3921	3661	BR3	3870	3610	CR3	3892	3632	d3	966	746	BRM2	2075	1855
a1	1572	1352	b1	1564	1344	CM1	919	699	d4	927	707	BRM3	2633	2413
a2	1530	1310	b2	1517	1297	CM2	878	658	d5	741	521	BRMU1	1201	981
a3	1542	1322	b3	1524	1304	CM3	912	692	d6	697	477	BRMU2	1016	796
a4	1560	1340	b4	1540	1320	CM4	887	667	d7	663	443	BRMU3	1000	780
a5	1531	1311	b5	1511	1291	CM5	1325	1105				BRMU4	1023	803
a6	1550	1330	b6	1523	1303	CM6	1285	1065	STABILO LINES			br1	1135	915
a7	1776	1556	b7	1750	1530	CM7	1266	1046	NAME	CUT	SEWN	br2	907	687
a8	1700	1480	b8	1695	1475	c1	906	686	STMain	4169	3949	br3	925	705
a9	1655	1435	b9	1664	1444	c2	1577	1357	STMA	600	380	br4	872	652
a10	1055	835	b10	1061	841	c3	895	675	STMB	681	461	br5	788	568
						c4	880	660	sta	594	374	br6	734	514
						c5	1544	1324	stb	642	422	br7	724	504
						c6	867	647	stc	635	415	br8	814	594
						c7	698	478	std	739	519	br9	973	753
						c8	671	451				br10	914	694
						c9	649	429				br11	973	753

Tolérance +/- 10mm

Lines lengths under 5 kg of tension:

*the cut value may differ according to the type of stitching/machine and the thread used

**the sewn value is the final length of the line, from one loop end to the other

Glider EIKO 2 21

Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

A			B			C			D			BRAKE		
Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
6125	6123	-2	6054	6051	-3	6185	6182	-3	6314	6313	-1	6421	6414	-7
6081	6078	-3	6005	6000	-5	6167	6161	-6				6182	6179	-3
6095	6093	-2	6014	6010	-4	6133	6129	-5	6251	6250	-1	6007	6007	0
6052	6051	-1	5963	5960	-3	6051	6044	-7	6145	6142	-3	5952	5954	2
6024	6022	-2	5933	5930	-3	6033	6026	-7				5802	5805	3
6044	6044	0	5946	5943	-3	6013	6007	-6	6079	6075	-4	5746	5750	4
6015	6012	-3	5934	5933	-1	5990	5987	-3	6046	6039	-7	5761	5765	4
5936	5936	0	5876	5874	-2	5920	5918	-2	5957	5951	-6	5856	5859	3
5894	5890	-4	5850	5847	-3	5878	5876	-2	5901	5898	-3	5775	5776	1
												5804	5798	-6
5607			5612									5820		
	5605	-2		5609	-3								5814	-6
5522			5570			5644			5751					
	5515	-7		5563	-7		5638	-6		5745	-6			

Tolérance +/- 10mm

Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	527	529	2	400	399	-1
A'	527	527	0	400	398	-2
B	527	529	2	444	443	-1
C	527	523	-4	527	523	-4

Tolérance +/- 5mm

Glider EIKO 2 21

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4454	4194	BR1	4392	4132	CR1	4497	4237	d1	1070	850	BRmain	2756	2456
AR2	4395	4135	BR2	4325	4065	CR2	4397	4137	d2	1049	829	BRM1	2217	1997
AR3	4126	3866	BR3	4072	3812	CR3	4098	3838	d3	1008	788	BRM2	2174	1954
a1	1642	1422	b1	1633	1413	CM1	954	734	d4	967	747	BRM3	2762	2542
a2	1598	1378	b2	1584	1364	CM2	912	692	d5	772	552	BRMU1	1251	1405
a3	1612	1392	b3	1593	1373	CM3	947	727	d6	724	504	BRMU2	1057	837
a4	1628	1408	b4	1609	1389	CM4	922	702	d7	688	468	BRMU3	1040	820
a5	1600	1380	b5	1579	1359	CM5	1382	1162				BRMU4	1065	845
a6	1620	1400	b6	1592	1372	CM6	1341	1121	STABILO LINES			br1	1182	962
a7	1858	1638	b7	1831	1611	CM7	1321	1101	NAME	CUT	SEWN	br2	943	723
a8	1779	1559	b8	1773	1553	c1	941	721	STMain	4429	4209	br3	962	742
a9	1737	1517	b9	1747	1527	c2	1648	1428	STMA	620	400	br4	907	687
a10	1100	880	b10	1105	885	c3	931	711	STMB	704	484	br5	817	597
						c4	914	694	sta	620	400	br6	761	541
						c5	1614	1394	stb	668	448	br7	751	531
						c6	901	681	stc	658	438	br8	846	626
						c7	722	502	std	765	545	br9	1014	794
						c8	693	473				br10	999	779
						c9	671	451				br11	1015	795

Tolérance +/- 10mm

Lines lengths under 5 kg of tension:

*the cut value may differ according to the type of stitching/machine and the thread used

**the sewn value is the final length of the line, from one loop end to the other

Glider EIKO 2 23

Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

A			B			C			D			BRAKE		
Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
6408	6409	1	6336	6339	3	6469	6468	-1	6606	6607	1	6744	6742	-2
6363	6361	-2	6287	6287	-0	6453	6451	-3				6495	6494	-1
6378	6381	3	6296	6298	2	6415	6417	2	6542	6545	3	6314	6312	-3
6338	6339	1	6245	6247	2	6331	6328	-3	6433	6433	0	6258	6256	-3
6308	6309	1	6215	6215	-0	6316	6312	-4				6101	6102	1
6330	6333	3	6228	6230	2	6292	6291	-1	6364	6365	1	6043	6046	3
6305	6301	-4	6214	6217	3	6271	6271	0	6332	6329	-3	6060	6062	2
6222	6221	-1	6153	6156	3	6198	6200	2	6239	6237	-2	6158	6161	3
6178	6177	-1	6125	6127	2	6154	6155	1	6181	6175	-6	6074	6067	-7
												6106	6106	-1
												6118	6118	0
5875	5876	1	5881	5882	1									
5785	5786	1	5836	5836	-0	5915	5915	-0	6027	6025	-2			

Tolérance +/- 10mm

Riser length (mm)

Risers length, Measured with carabiner.

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	527	532	5	400	403	3
A'	527	527	0	400	398	-2
B	527	531	4	444	448	4
C	527	522	-5	527	522	-5

Tolérance +/- 5mm

Glider EIKO 2 23

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4666	4406	BR1	4604	4344	CR1	4709	4449	d1	1115	895	BRmain	2884	2584
AR2	4609	4349	BR2	4537	4277	CR2	4607	4347	d2	1094	874	BRM1	2316	2096
AR3	4332	4072	BR3	4269	4009	CR3	4296	4036	d3	1051	831	BRM2	2274	2054
a1	1713	1493	b1	1703	1483	CM1	989	769	d4	1008	788	BRM3	2892	2672
a2	1668	1448	b2	1654	1434	CM2	946	726	d5	802	582	BRMU1	1301	1081
a3	1683	1463	b3	1663	1443	CM3	982	762	d6	752	532	BRMU2	1100	880
a4	1700	1480	b4	1679	1459	CM4	956	736	d7	714	494	BRMU3	1081	861
a5	1670	1450	b5	1649	1429	CM5	1440	1220				BRMU4	1108	888
a6	1692	1472	b6	1662	1442	CM6	1397	1177	STABILO LINES			br1	1228	1008
a7	1942	1722	b7	1914	1694	CM7	1377	1157	NAME	CUT	SEWN	br2	979	759
a8	1859	1639	b8	1853	1633	c1	978	758	STMain	4652	4432	br3	999	779
a9	1815	1595	b9	1825	1605	c2	1722	1502	STMA	639	419	br4	943	723
a10	1145	925	b10	1151	931	c3	967	747	STMB	728	508	br5	847	627
						c4	949	729	sta	641	421	br6	789	569
						c5	1687	1467	stb	692	472	br7	779	559
						c6	936	716	stc	682	462	br8	877	657
						c7	747	527	std	794	574	br9	1055	835
						c8	717	497				br10	1043	823
						c9	693	473				br11	1055	835

Tolérance +/- 10mm

Lines lengths under 5 kg of tension:

*the cut value may differ according to the type of stitching/machine and the thread used

**the sewn value is the final length of the line, from one loop end to the other

Glider EIKO 2 26

Line Check Maintenance Sheet

Measurements made from the base of the lines to the base of the wing, WITH risers and Maillons Rapides, were under 5 kg

A			B			C			D			BRAKE		
Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff	Manual	Tested sample	Diff
6819	6820	1	6743	6738	-5	6881	6875	-6	7032	7028	-4	7195	7194	-1
6772	6772	0	6691	6684	-7	6869	6862	-7				6932	6932	0
6789	6789	0	6702	6699	-3	6826	6823	-3	6965	6963	-2	6741	6743	2
6748	6753	5	6643	6646	3	6739	6736	-3	6851	6850	-1	6682	6685	3
6717	6719	2	6611	6614	3	6720	6719	-7				6517	6515	-2
6740	6743	3	6626	6631	5	6699	6696	-3	6779	6777	-2	6456	6454	-2
6716	6725	9	6619	6624	5	6676	6678	2	6746	6741	-5	6474	6475	1
6629	6635	6	6556	6560	4	6600	6600	0	6649	6646	-3	6579	6581	2
6582	6586	4	6526	6528	2	6554	6553	-1	6586	6581	-5	6495	6488	-7
												6532	6530	-2
6265	6266	1	6270	6274	4							6546	6542	-4
6169	6170	1	6223	6225	2	6307	6308	1	6425	6423	-2			

Tolérance +/- 10mm

Riser length (mm) RISERS LENGHTS

	Trim			Accelerated		
	Manual	Tested sample	Diff	Manual	Tested sample	Diff
A	546	549	3	411	410	-1
A'	546	549	3	411	411	0
B	546	551	5	457	462	5
C	546	546	0	546	546	0

Tolérance +/- 5mm

Glider EIKO 2 26

Lines individual lengths														
A LINES			B LINES			C LINES			D LINES			BRAKE LINES		
NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN	NAME	CUT	SEWN
AR1	4961	4701	BR1	4895	4635	CR1	5005	4745	d1	1178	958	BRmain	3075	2775
AR2	4902	4642	BR2	4819	4559	CR2	4899	4639	d2	1156	936	BRM1	2452	2232
AR3	4610	4350	BR3	4543	4283	CR3	4570	4310	d3	1109	889	BRM2	2410	2190
a1	1809	1589	b1	1799	1579	CM1	1036	816	d4	1063	843	BRM3	3070	2850
a2	1762	1542	b2	1747	1527	CM2	991	771	d5	844	624	BRMU1	1369	1405
a3	1779	1559	b3	1758	1538	CM3	1030	810	d6	791	571	BRMU2	1157	937
a4	1797	1577	b4	1775	1555	CM4	1004	784	d7	749	529	BRMU3	1137	917
a5	1766	1546	b5	1743	1523	CM5	1518	1298				BRMU4	1166	946
a6	1789	1569	b6	1758	1538	CM6	1474	1254	STABILO LINES			br1	1292	1072
a7	2055	1835	b7	2025	1805	CM7	1453	1233	NAME	CUT	SEWN	br2	1029	809
a8	1968	1748	b8	1962	1742	c1	1027	807	STMain	4960	4740	br3	1050	830
a9	1921	1701	b9	1932	1712	c2	1822	1602	STMA	667	447	br4	991	771
a10	1207	987	b10	1212	992	c3	1017	797	STMB	761	541	br5	888	668
						c4	997	777	sta	669	449	br6	827	607
						c5	1785	1565	stb	723	503	br7	816	596
						c6	983	763	stc	713	493	br8	921	701
						c7	780	560	std	831	611	br9	1110	890
						c8	748	528				br10	1097	877
						c9	723	503				br11	1111	891

Tolérance +/- 10mm

Lines lengths under 5 kg of tension:

*the cut value may differ according to the type of stitching/machine and the thread used

**the sewn value is the final length of the line, from one loop end to the other