

Line Check Sheet for Paragliders

Piece Check

Glider Type: XB45 Kibo S	Serial No.:
Rev. No.: 2	Date: 24.05.2018

Line lengths [mm]

R. No.	Area A										Area B										Area C												
	Nom.	Left			Right				Nom.	Left			Right				Nom.	Left			Right												
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm
2	6443											6391											6432										
4	6371											6317											6347										
6	6400											6346											6383										
9	6369											6315											6347										
11	6302											6248											6269										
13	6324											6272											6301										
16	6246											6189											6219										
18	6141											6091											6124										
20	6077											6035											6071										
22	5856											5813											5846										
23	5733																																
25	5653											5665											5732										

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

R. No.	Area D										Brake										rib no. brakes		
	Nom.	Left			Right				Nom.	Left			Right										
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	6579											7090											4
4	6494											6781											6
6	6525											6697											9
9	6485											6562											11
11	6398											6434											13
13	6418											6471											15
16	6317											6366											18
												6275											20
												6247											22
												6258											24

brakes measured inkl. 10cm-loop

Loops on Quick link		Loop Index MTS
Factory setting		
A1	--	0
A2	--	0
A3	--	0
B1	--	0
B2	--	0
B3	--	0
C1	Round turn	1
C2	Round turn	1
C3	Round turn	1
STI	Round turn	1

Line Check Sheet for Paragliders

Piece Check

Glider Type: XB45 Kibo SM	Serial No.:
Rev. No.: 3	Date: 24.05.2018

Line lengths [mm]

R. No.	Area A										Area B										Area C												
	Nom.	Left			Right				Nom.	Left			Right				Nom.	Left			Right												
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm
2	6744											6691											6732										
4	6672											6616											6647										
6	6702											6647											6685										
9	6671											6615											6647										
11	6602											6546											6567										
13	6624											6571											6600										
16	6543											6484											6515										
18	6434											6382											6416										
20	6366											6321											6359										
22	6135											6091											6125										
23	6008																																
25	5923											5935											6003										

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

R. No.	Area D										Brake										rib no. brakes		
	Nom.	Left			Right				Nom.	Left			Right										
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	6877											7471											4
4	6791											7151											6
6	6824											7064											9
9	6783											6923											11
11	6693											6791											13
13	6712											6830											15
16	6608											6723											18
												6629											20
												6600											22
												6611											24

brakes measured inkl. 10cm-loop

Loops on Quick link		Loop Index MTS
Factory setting		
A1	--	0
A2	--	0
A3	--	0
B1	--	0
B2	--	0
B3	--	0
C1	Round turn	1
C2	Round turn	1
C3	Round turn	1
STI	Round turn	1

Line Check Sheet for Paragliders

Piece Check

Glider Type: XB45 Kibo M	Serial No.:
Rev. No.: 3	Date: 24.05.2018

Line lengths [mm]

R. No.	Area A										Area B										Area C												
	Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm
2	7002										6944											6987											
4	6926										6865											6897											
6	6959										6898											6939											
9	6928										6866											6901											
11	6856										6794											6817											
13	6881										6821											6854											
16	6797										6731											6766											
18	6680										6626											6664											
20	6611										6566											6606											
22	6372										6325											6361											
23	6239																																
25	6152										6165											6237											

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

R. No.	Area D										Brake										rib no. brakes		
	Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	Nom.	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm		+10 mm	+20 mm
2	7147										7788												4
4	7057										7455												6
6	7091										7366												9
9	7049										7219												11
11	6954										7082												13
13	6975										7123												15
16	6864										7012												18
											6918												20
											6891												22
											6904												24

brakes measured inkl. 10cm-loop

Loops on Quick link		Loop Index MTS
Factory setting		
A1	--	0
A2	--	0
A3	--	0
B1	--	0
B2	--	0
B3	--	0
C1	Round turn	1
C2	Round turn	1
C3	Round turn	1
STI	Round turn	1

Single Line Lengths

Glider Type: XB45 Kibo M
Rev. No.: 3

Serial No.:
Date: 24.05.2018

Line no.	Quantity	Length [mm]	material	colour
a1	2	2247	DC120	Red
a2	2	2171	DC120	Red
a3	2	2204	DC120	Red
a4	2	2073	DC120	Red
a5	2	2001	DC120	Red
a6	2	2026	DC120	Red
a7	2	1722	8000U-130	Red
a8	2	847	8000U-090	Red
a9	2	778	8000U-090	Red
a10	2	1177	8000U-070	Red
a11	2	1044	8000U-070	Red
AI	2	4760	7950-200	Red
AII	2	4860	7950-200	Red
A1	2	763	8000U-130	Red
AIII	2	5080	7950-150	Green
b1	2	2189	DC120	Red
b2	2	2110	DC120	Red
b3	2	2143	DC120	Red
b4	2	2011	DC120	Red
b5	2	1939	DC120	Red
b6	2	1966	DC120	Red
b7	2	1656	8000U-130	Red
b8	2	733	8000U-090	Red
b9	2	673	8000U-090	Red
b10	2	1130	8000U-070	Red
BI	2	4760	7950-200	Blue
BII	2	4860	7950-200	Blue
B1	2	823	8000U-130	Red
BIII	2	5080	7950-150	Blue

Line no.	Quantity	Length [mm]	material	colour
c1	2	960	8000U-090	Red
c2	2	914	8000U-090	Red
c3	2	936	8000U-090	Red
c4	2	867	8000U-090	Red
c5	2	825	8000U-090	Red
c6	2	845	8000U-090	Red
c7	2	736	8000U-090	Red
c8	2	590	8000U-090	Red
c9	2	532	8000U-090	Red
c10	2	1166	8000U-070	Red
C1	2	987	8000U-130	Red
C2	2	943	8000U-130	Red
C3	2	963	8000U-130	Red
C4	2	894	8000U-130	Red
C5	2	852	8000U-130	Red
C6	2	869	8000U-130	Red
C7	2	740	8000U-130	Red
C8	2	784	8000U-130	Red
CI	2	5050	7950-200	Yellow
CII	2	5150	7950-200	Yellow
CIII	2	5300	7950-150	Yellow
d1	2	1120	8000U-070	Red
d2	2	1074	8000U-070	Red
d3	2	1088	8000U-070	Red
d4	2	1015	8000U-070	Red
d5	2	962	8000U-070	Red
d6	2	966	8000U-070	Red
d7	2	834	8000U-070	Red

Brake no.	Quantity	Length [mm]	material	colour
br1	2	2023	8000U-070	Red
br2	2	1690	8000U-070	Red
br3	2	1601	8000U-070	Red
br4	2	1414	8000U-070	Red
br5	2	1277	8000U-070	Red
br6	2	1318	8000U-070	Red
br7	2	1247	8000U-070	Red
br8	2	1153	8000U-070	Red
br9	2	1126	8000U-070	Red
br10		1139	8000U-070	Red
BR1	2	2960	8000U-130	Red
BR2	2	3000	8000U-130	Red
BR3	2	2960	8000U-130	Red
BRI	2	2740	989/2,1	Pink
st1	2	957	8000U-070	Red
st2	2	970	8000U-070	Red
st3	2	1042	8000U-070	Red
STI	2	5200	7950-100	Fluored

Line material:

Liros DC120
 Edelrid 8000U-130
 Edelrid 8000U-090
 Edelrid 8000U-070
 Edelrid 7950-100
 Edelrid 7950-200
 Edelrid 7950-150
 Cousin 989/2,1

total length	no. of lines
275,21 m	148

Line Check Sheet for Paragliders

Piece Check

Glider Type: XB45 Kibo L	Serial No.:
Rev. No.: 4	Date: 24.05.2018

Line lengths [mm]

R. No.	Area A										Area B										Area C													
	Nom.	Left			Right				Nom.	Left			Right				Nom.	Left			Right													
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	7263											7206												7251										
4	7185											7126												7160										
6	7219											7160												7202										
9	7187											7128												7164										
11	7114											7054												7079										
13	7139											7082												7116										
16	7052											6990												7025										
18	6936											6881												6920										
20	6863											6817												6860										
22	6616											6569												6606										
23	6479																																	
25	6389											6401												6474										

Total line length in cm from riser quick link to canopy including line loops, following DHV measuring method. Line load is 5 daN.

Rib numbering starts in the center of the wing. Wing sides in flight direction, seen from top.

Measurements are rounded to the next 0,5 cm. Please mark measurements relative to nominal by crossing X

R. No.	Area D										Brake										rib no. brakes		
	Nom.	Left			Right				Nom.	Left			Right										
		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm		-20 mm	-10 mm	0 mm	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	7411											8064											4
4	7320											7721											6
6	7356											7630											9
9	7313											7478											11
11	7218											7338											13
13	7239											7380											15
16	7128											7270											18
												7171											20
												7140											22
												7150											24

brakes measured inkl. 10cm-loop

Loops on Quick link		Loop Index MTS
Factory setting		
A1	--	0
A2	--	0
A3	--	0
B1	--	0
B2	--	0
B3	--	0
C1	Round turn	1
C2	Round turn	1
C3	Round turn	1
STI	Round turn	1

Single Line Lengths

Glider Type: XB45 Kibo L
Rev. No.: 4

Serial No.:
Date: 24.05.2018

Line no.	Quantity	Length [mm]	material	colour
a1	2	2341	DC120	Red
a2	2	2263	DC120	Red
a3	2	2297	DC120	Red
a4	2	2162	DC120	Red
a5	2	2089	DC120	Red
a6	2	2114	DC120	Red
a7	2	1799	8000U-130	Red
a8	2	887	8000U-090	Red
a9	2	814	8000U-090	Red
a10	2	1239	8000U-070	Red
a11	2	1102	8000U-070	Red
AI	2	4927	7950-200	Red
AII	2	5030	7950-200	Red
A1	2	801	8000U-130	Red
AIII	2	5258	7950-150	Green
b1	2	2284	DC120	Red
b2	2	2204	DC120	Red
b3	2	2238	DC120	Red
b4	2	2103	DC120	Red
b5	2	2029	DC120	Red
b6	2	2057	DC120	Red
b7	2	1737	8000U-130	Red
b8	2	769	8000U-090	Red
b9	2	705	8000U-090	Red
b10	2	1192	8000U-070	Red
BI	2	4927	7950-200	Blue
BII	2	5030	7950-200	Blue
B1	2	864	8000U-130	Red
BIII	2	5258	7950-150	Blue

Line no.	Quantity	Length [mm]	material	colour
c1	2	1003	8000U-090	Red
c2	2	957	8000U-090	Red
c3	2	979	8000U-090	Red
c4	2	909	8000U-090	Red
c5	2	866	8000U-090	Red
c6	2	886	8000U-090	Red
c7	2	772	8000U-090	Red
c8	2	619	8000U-090	Red
c9	2	559	8000U-090	Red
c10	2	1229	8000U-070	Red
C1	2	1031	8000U-130	Red
C2	2	986	8000U-130	Red
C3	2	1006	8000U-130	Red
C4	2	935	8000U-130	Red
C5	2	893	8000U-130	Red
C6	2	910	8000U-130	Red
C7	2	777	8000U-130	Red
C8	2	825	8000U-130	Red
CI	2	5227	7950-200	Yellow
CII	2	5330	7950-200	Yellow
CIII	2	5486	7950-150	Yellow
d1	2	1163	8000U-070	Red
d2	2	1117	8000U-070	Red
d3	2	1133	8000U-070	Red
d4	2	1058	8000U-070	Red
d5	2	1005	8000U-070	Red
d6	2	1009	8000U-070	Red
d7	2	875	8000U-070	Red

Brake no.	Quantity	Length [mm]	material	colour
br1	2	2094	8000U-070	Red
br2	2	1751	8000U-070	Red
br3	2	1660	8000U-070	Red
br4	2	1468	8000U-070	Red
br5	2	1328	8000U-070	Red
br6	2	1370	8000U-070	Red
br7	2	1300	8000U-070	Red
br8	2	1201	8000U-070	Red
br9	2	1170	8000U-070	Red
br10		1180	8000U-070	Red
BR1	2	3065	8000U-130	Red
BR2	2	3105	8000U-130	Red
BR3	2	3065	8000U-130	Red
BRI	2	2840	989/2,1	Pink
st1	2	1012	8000U-070	Red
st2	2	1024	8000U-070	Red
st3	2	1097	8000U-070	Red
STI	2	5382	7950-100	Fluored

Line material:

Liros DC120
Edelrid 8000U-130
Edelrid 8000U-090
Edelrid 8000U-070
Edelrid 7950-100
Edelrid 7950-200
Edelrid 7950-150
Cousin 989/2,1

total length	no. of lines
286,354 m	148