

# Manufacturing Check Sheet for Paragliders

# Piece Check

Glider Type: UP XB26XS Kantega2 XS Rev. No.: 2	Serial No.: Date: 10.05.2006
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### Line lengths [cm]

R. No.	Area A										Area B										Area C												
	Nom.	Left					Right					Nom.	Left					Right					Nom.	Left					Right				
		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm
1	669,5										659,5												663,0										
3	663,5										652,5												654,0										
5	661,5										651,5												653,5										
7	665,0										655,0												657,0										
9	661,0										651,0												654,5										
11	655,0										645,5												648,5										
13	652,5										643,0												646,0										
15	654,0										645,5												647,5										
17	645,5										637,5												638,5										
19	638,5										631,5												632,0										
21	635,5										628,5												628,0										
23	633,0										626,5												625,5										
25	615,0										608,0												606,5										
26	603,0										600,0												599,5										
27	591,0																						592,5										

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										Area E										Brake										rib no. brakes			
	Nom.	Left					Right					Nom.	Left					Right					Nom.	Left					Right					
		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	
1	675,0																						747,0											1,2
3	668,5										678,0												721,5											4
5	667,5																						706,5											6,7
7	670,5										679,0												702,0											9
9	667,5																						702,0											11,12
11	661,5										670,0												687,0											14
13	658,0																						679,5											16,17
15	659,5										666,0												677,5											19
17	650,5																						683,0											21,22
19	641,0																						683,5											24
21	634,5																						678,0											27
23	629,0																																	
25	611,0																																	

brakes measured inkl. 10cm-loop

## Single Line Lengths

Glider Type: UP XB26XS Kantega2 XS  
Rev. No.: 2

Serial No.:  
Date: 10.05.2006

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	133,0	1,1	pink
ao2	2	127,0	1,1	pink
ao3	2	125,0	1,1	pink
ao4	2	128,5	1,1	pink
ao5	2	124,5	1,1	pink
ao6	2	118,5	1,1	pink
ao7	2	116,0	1,1	pink
ao8	2	117,5	1,1	pink
ao9	2	109,0	1,1	pink
ao10	2	102,0	1,1	pink
ao11	2	99,0	1,1	pink
ao12	2	96,5	1,1	pink
ao13	2	129,0	1,1	pink
ao14	2	117,0	1,1	pink
ao15	2	105,0	1,1	pink
bo1	2	123,0	1,1	blue
bo2	2	116,0	1,1	blue
bo3	2	115,0	1,1	blue
bo4	2	118,5	1,1	blue
bo5	2	114,5	1,1	blue
bo6	2	109,0	1,1	blue
bo7	2	106,5	1,1	blue
bo8	2	109,0	1,1	blue
bo9	2	101,0	1,1	blue
bo10	2	95,0	1,1	blue
bo11	2	92,0	1,1	blue
bo12	2	90,0	1,1	blue
bo13	2	122,0	1,1	blue
bo14	2	114,0	1,1	blue
co1	2	126,5	1,1	yellow
co2	2	117,5	1,1	yellow
co3	2	117,0	1,1	yellow
co4	2	120,5	1,1	yellow
co5	2	118,0	1,1	yellow
co6	2	112,0	1,1	yellow
co7	2	109,5	1,1	yellow
co8	2	111,0	1,1	yellow
co9	2	102,0	1,1	yellow
co10	2	95,5	1,1	yellow
co11	2	91,5	1,1	yellow
co12	2	89,0	1,1	yellow
co13	2	120,5	1,1	yellow
co14	2	113,5	1,1	yellow
co15	2	106,5	1,1	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	138,5	1,1	yellow
do2	2	132,0	1,1	yellow
do3	2	131,0	1,1	yellow
do4	2	134,0	1,1	yellow
do5	2	131,0	1,1	yellow
do6	2	125,0	1,1	yellow
do7	2	121,5	1,1	yellow
do8	2	123,0	1,1	yellow
do9	2	114,0	1,1	yellow
do10	2	104,5	1,1	yellow
do11	2	98,0	1,1	yellow
do12	2	92,5	1,1	yellow
do13	2	125,0	1,1	yellow
eo1	2	141,5	1,1	yellow
eo2	2	142,5	1,1	yellow
eo3	2	133,5	1,1	yellow
eo4	2	129,5	1,1	yellow
aou1	12	128,5	1,3	pink
bou1	12	128,5	1,3	blue
cou1	12	128,5	1,3	yellow
dou1	12	128,5	1,3	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
A1	2	408,5	1,5	red
A2	2	408,5	1,5	red
A3	2	408,5	1,5	red
B1	2	408,5	1,5	blue
B2	2	408,5	1,5	blue
B3	2	408,5	1,5	blue
C1	2	408,5	1,5	yellow
C2	2	408,5	1,5	yellow
C3	2	408,5	1,5	yellow
D1	2	408,5	1,5	yellow
D2	2	408,5	1,5	yellow
Stabi	2	486,5	1,5	blue

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	196,0	1,1	pink
brk2	2	170,5	1,1	pink
brk3	2	155,5	1,1	pink
brk4	2	151,0	1,1	pink
brk5	2	151,0	1,1	pink
brk6	2	136,0	1,1	pink
brk7	2	128,5	1,1	pink
brk8	2	126,5	1,1	pink
brk9	2	132,0	1,1	pink
brk10	2	132,5	1,1	pink
brk11	2	137,0	1,1	pink
brkou	10	128,5	1,3	pink
brkuu	4	229,5	1,5	red
Brk Main	2	183,5	2,3 *)	orange

\*) 2,3 Dyneema

### line material:

1,1 = cousin ultimate 989 1,1mm

1,3 = cousin ultimate 989 1,3mm

1,5 = cousin ultimate 989 1,5mm

total length	no. of lines
<b>36012</b>	<b>232</b>

average line length (A to Brk.)
<b>155,22</b>

# Manufacturing Check Sheet for Paragliders

# Piece Check

Glider Type: UP XB26S Kantega2 S	Serial No.:
Rev. No.: 2	Date: 10.05.2006

Line lengths [cm]

R. No.	Area																
	A					B					C						
	Nom.	Left			Right		Nom.	Left			Right		Nom.	Left			Right
-2 cm		-1 cm	0 cm	+1 cm	+2 cm	-2 cm		-1 cm	0 cm	+1 cm	+2 cm	-2 cm		-1 cm	0 cm	+1 cm	+2 cm
1	701,0					690,5						694,0					
3	694,0					683,5						684,5					
5	692,0					682,0						684,0					
7	696,0					686,0						688,0					
9	691,5					681,5						685,0					
11	685,5					676,0						678,5					
13	682,5					673,5						676,0					
15	684,5					676,0						677,5					
17	675,0					667,0						667,0					
19	667,5					661,0						660,5					
21	664,5					657,5						656,0					
23	662,0					655,5						653,5					
25	643,5					636,0						634,5					
26	631,0					627,5						627,0					
27	618,5											620,0					

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															rib no. brakes		
	D					E					Brake							
	Nom.	Left			Right		Nom.	Left			Right		Nom.	Left			Right	
-2 cm		-1 cm	0 cm	+1 cm	+2 cm	-2 cm		-1 cm	0 cm	+1 cm	+2 cm	-2 cm		-1 cm	0 cm	+1 cm	+2 cm	
1	705,5											780,5						1,2
3	699,0					708,5						754,0						4
5	697,5											739,0						6,7
7	700,5					709,5						734,0						9
9	696,5											734,0						11,12
11	690,0					699,0						718,0						14
13	686,5											710,5						16,17
15	688,0					695,0						708,5						19
17	679,5											714,5						21,22
19	670,0											715,0						24
21	663,0											709,0						27
23	657,5																	
25	639,0																	
															brakes measured inkl.10cm-loop			



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## Single Line Lengths

Glider Type: UP XB26S Kantega2 S  
Rev. No.: 2

Serial No.:  
Date: 10.05.2006

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	139,5	1,1	pink
ao2	2	132,5	1,1	pink
ao3	2	130,5	1,1	pink
ao4	2	134,5	1,1	pink
ao5	2	130,0	1,1	pink
ao6	2	124,0	1,1	pink
ao7	2	121,0	1,1	pink
ao8	2	123,0	1,1	pink
ao9	2	113,5	1,1	pink
ao10	2	106,0	1,1	pink
ao11	2	103,0	1,1	pink
ao12	2	100,5	1,1	pink
ao13	2	135,0	1,1	pink
ao14	2	122,5	1,1	pink
ao15	2	110,0	1,1	pink
bo1	2	129,0	1,1	blue
bo2	2	122,0	1,1	blue
bo3	2	120,5	1,1	blue
bo4	2	124,5	1,1	blue
bo5	2	120,0	1,1	blue
bo6	2	114,5	1,1	blue
bo7	2	112,0	1,1	blue
bo8	2	114,5	1,1	blue
bo9	2	105,5	1,1	blue
bo10	2	99,5	1,1	blue
bo11	2	96,0	1,1	blue
bo12	2	94,0	1,1	blue
bo13	2	127,5	1,1	blue
bo14	2	119,0	1,1	blue
co1	2	132,5	1,1	yellow
co2	2	123,0	1,1	yellow
co3	2	122,5	1,1	yellow
co4	2	126,5	1,1	yellow
co5	2	123,5	1,1	yellow
co6	2	117,0	1,1	yellow
co7	2	114,5	1,1	yellow
co8	2	116,0	1,1	yellow
co9	2	105,5	1,1	yellow
co10	2	99,0	1,1	yellow
co11	2	94,5	1,1	yellow
co12	2	92,0	1,1	yellow
co13	2	126,0	1,1	yellow
co14	2	118,5	1,1	yellow
co15	2	111,5	1,1	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	144,0	1,1	yellow
do2	2	137,5	1,1	yellow
do3	2	136,0	1,1	yellow
do4	2	139,0	1,1	yellow
do5	2	135,0	1,1	yellow
do6	2	128,5	1,1	yellow
do7	2	125,0	1,1	yellow
do8	2	126,5	1,1	yellow
do9	2	118,0	1,1	yellow
do10	2	108,5	1,1	yellow
do11	2	101,5	1,1	yellow
do12	2	96,0	1,1	yellow
do13	2	130,5	1,1	yellow
eo1	2	147,0	1,1	yellow
eo2	2	148,0	1,1	yellow
eo3	2	137,5	1,1	yellow
eo4	2	133,5	1,1	yellow
aou1	12	134,5	1,3	pink
bou1	12	134,5	1,3	blue
cou1	12	134,5	1,3	yellow
dou1	12	134,5	1,3	yellow

A1	2	427,5	1,5	red
A2	2	427,5	1,5	red
A3	2	427,5	1,5	red
B1	2	427,5	1,5	blue
B2	2	427,5	1,5	blue
B3	2	427,5	1,5	blue
C1	2	427,5	1,5	yellow
C2	2	427,5	1,5	yellow
C3	2	427,5	1,5	yellow
D1	2	427,5	1,5	yellow
D2	2	427,5	1,5	yellow
Stabi	2	509,0	1,5	blue

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	204,5	1,1	pink
brk2	2	178,0	1,1	pink
brk3	2	163,0	1,1	pink
brk4	2	158,0	1,1	pink
brk5	2	158,0	1,1	pink
brk6	2	142,0	1,1	pink
brk7	2	134,5	1,1	pink
brk8	2	132,5	1,1	pink
brk9	2	138,5	1,1	pink
brk10	2	139,0	1,1	pink
brk11	2	143,0	1,1	pink
brkou	10	134,5	1,3	pink
brkuu	4	240,0	1,5	red
Brk Main	2	192,0	2,3 *)	orange

\*) 2,3 Dyneema

### line material:

1,1 = cousin ultimate 989 1,1mm

1,3 = cousin ultimate 989 1,3mm

1,5 = cousin ultimate 989 1,5mm

total length	no. of lines
<b>37627</b>	<b>232</b>

average line length (A to Brk.)
<b>162,19</b>



## Single Line Lengths

Glider Type: UP XB26 kantega2 M (DHV)  
Rev. No.: 2

Serial No.:  
Date: 27.01.2006

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	144,0	1,1	pink
ao2	2	137,0	1,1	pink
ao3	2	135,0	1,1	pink
ao4	2	139,0	1,1	pink
ao5	2	134,5	1,1	pink
ao6	2	128,0	1,1	pink
ao7	2	125,0	1,1	pink
ao8	2	127,0	1,1	pink
ao9	2	117,5	1,1	pink
ao10	2	110,0	1,1	pink
ao11	2	106,5	1,1	pink
ao12	2	104,0	1,1	pink
ao13	2	140,5	1,1	pink
ao14	2	127,5	1,1	pink
ao15	2	114,5	1,1	pink
bo1	2	134,0	1,1	blue
bo2	2	126,5	1,1	blue
bo3	2	125,0	1,1	blue
bo4	2	129,0	1,1	blue
bo5	2	124,5	1,1	blue
bo6	2	118,5	1,1	blue
bo7	2	116,0	1,1	blue
bo8	2	118,5	1,1	blue
bo9	2	110,0	1,1	blue
bo10	2	103,5	1,1	blue
bo11	2	100,0	1,1	blue
bo12	2	98,0	1,1	blue
bo13	2	133,0	1,1	blue
bo14	2	124,0	1,1	blue
co1	2	138,0	1,1	yellow
co2	2	128,0	1,1	yellow
co3	2	127,5	1,1	yellow
co4	2	131,5	1,1	yellow
co5	2	128,5	1,1	yellow
co6	2	122,0	1,1	yellow
co7	2	119,0	1,1	yellow
co8	2	121,0	1,1	yellow
co9	2	111,0	1,1	yellow
co10	2	104,0	1,1	yellow
co11	2	99,5	1,1	yellow
co12	2	97,0	1,1	yellow
co13	2	131,0	1,1	yellow
co14	2	123,5	1,1	yellow
co15	2	116,0	1,1	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	151,0	1,1	yellow
do2	2	144,0	1,1	yellow
do3	2	142,5	1,1	yellow
do4	2	146,0	1,1	yellow
do5	2	142,5	1,1	yellow
do6	2	136,0	1,1	yellow
do7	2	132,5	1,1	yellow
do8	2	134,0	1,1	yellow
do9	2	124,0	1,1	yellow
do10	2	114,0	1,1	yellow
do11	2	107,0	1,1	yellow
do12	2	101,0	1,1	yellow
do13	2	136,0	1,1	yellow
eo1	2	154,0	1,1	yellow
eo2	2	155,0	1,1	yellow
eo3	2	145,5	1,1	yellow
e04	2	141,0	1,1	yellow
aou1	12	140,0	1,3	pink
bou1	12	140,0	1,3	blue
cou1	12	140,0	1,3	yellow
dou1	12	140,0	1,3	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
A1	2	445,0	1,5	red
A2	2	445,0	1,5	red
A3	2	445,0	1,5	red
B1	2	445,0	1,5	blue
B2	2	445,0	1,5	blue
B3	2	445,0	1,5	blue
C1	2	445,0	1,5	yellow
C2	2	445,0	1,5	yellow
C3	2	445,0	1,5	yellow
D1	2	445,0	1,5	yellow
D2	2	445,0	1,5	yellow
Stabi	2	530,0	1,5	blue

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	210,5	1,1	pink
brk2	2	185,5	1,1	pink
brk3	2	169,5	1,1	pink
brk4	2	164,5	1,1	pink
brk5	2	164,5	1,1	pink
brk6	2	148,0	1,1	pink
brk7	2	140,0	1,1	pink
brk8	2	138,0	1,1	pink
brk9	2	144,0	1,1	pink
brk10	2	144,5	1,1	pink
brk11	2	149,0	1,1	pink
brkou	10	140,0	1,3	pink
brkuu	4	250,0	1,5	red
Brk Main	2	200,0	2,3 *)	orange

\*) 2,3 Dyneema

### line material:

1,1 = cousin ultimate 989 1,1mm  
1,3 = cousin ultimate 989 1,3mm  
1,5 = cousin ultimate 989 1,5mm

total length	no. of lines
<b>39194</b>	<b>232</b>

average line length (A to Brk.)
<b>168,94</b>



## Single Line Lengths

Glider Type: UP XB26L Kantega2 L
Rev. No.: 2

Serial No.:
Date: 10.05.2006

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	151,0	1,1	pink
ao2	2	143,5	1,1	pink
ao3	2	141,5	1,1	pink
ao4	2	145,5	1,1	pink
ao5	2	140,5	1,1	pink
ao6	2	133,5	1,1	pink
ao7	2	130,5	1,1	pink
ao8	2	132,5	1,1	pink
ao9	2	123,0	1,1	pink
ao10	2	115,0	1,1	pink
ao11	2	111,5	1,1	pink
ao12	2	108,5	1,1	pink
ao13	2	146,0	1,1	pink
ao14	2	132,5	1,1	pink
ao15	2	118,0	1,1	pink
bo1	2	140,0	1,1	blue
bo2	2	132,0	1,1	blue
bo3	2	130,5	1,1	blue
bo4	2	135,0	1,1	blue
bo5	2	129,5	1,1	blue
bo6	2	123,5	1,1	blue
bo7	2	120,5	1,1	blue
bo8	2	123,5	1,1	blue
bo9	2	114,0	1,1	blue
bo10	2	107,0	1,1	blue
bo11	2	103,5	1,1	blue
bo12	2	101,5	1,1	blue
bo13	2	138,5	1,1	blue
bo14	2	128,0	1,1	blue
co1	2	143,5	1,1	yellow
co2	2	133,0	1,1	yellow
co3	2	132,5	1,1	yellow
co4	2	137,0	1,1	yellow
co5	2	133,5	1,1	yellow
co6	2	127,0	1,1	yellow
co7	2	124,0	1,1	yellow
co8	2	126,0	1,1	yellow
co9	2	114,5	1,1	yellow
co10	2	107,0	1,1	yellow
co11	2	102,5	1,1	yellow
co12	2	100,0	1,1	yellow
co13	2	135,5	1,1	yellow
co14	2	126,5	1,1	yellow
co15	2	118,5	1,1	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	156,0	1,1	yellow
do2	2	149,0	1,1	yellow
do3	2	147,5	1,1	yellow
do4	2	151,0	1,1	yellow
do5	2	146,5	1,1	yellow
do6	2	139,5	1,1	yellow
do7	2	136,0	1,1	yellow
do8	2	137,5	1,1	yellow
do9	2	128,0	1,1	yellow
do10	2	117,5	1,1	yellow
do11	2	110,5	1,1	yellow
do12	2	104,0	1,1	yellow
do13	2	139,5	1,1	yellow
eo1	2	159,5	1,1	yellow
eo2	2	160,5	1,1	yellow
eo3	2	149,5	1,1	yellow
eo4	2	144,5	1,1	yellow
aou1	12	145,5	1,3	pink
bou1	12	145,5	1,3	blue
cou1	12	145,5	1,3	yellow
dou1	12	145,5	1,3	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
A1	2	463,0	1,5	red
A2	2	463,0	1,5	red
A3	2	463,0	1,5	red
B1	2	463,0	1,5	blue
B2	2	463,0	1,5	blue
B3	2	463,0	1,5	blue
C1	2	463,0	1,5	yellow
C2	2	463,0	1,5	yellow
C3	2	463,0	1,5	yellow
D1	2	463,0	1,5	yellow
D2	2	463,0	1,5	yellow
Stabi	2	551,5	1,5	blue

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	219,0	1,1	pink
brk2	2	193,0	1,1	pink
brk3	2	176,5	1,1	pink
brk4	2	171,0	1,1	pink
brk5	2	171,0	1,1	pink
brk6	2	154,0	1,1	pink
brk7	2	145,5	1,1	pink
brk8	2	143,5	1,1	pink
brk9	2	148,5	1,1	pink
brk10	2	146,0	1,1	pink
brk11	2	152,5	1,1	pink
brkou	10	145,5	1,3	pink
brkuu	4	260,0	1,5	red
Brk Main	2	208,0	2,3 *)	orange

\*) 2,3 Dyneema

### line material:

1,1 = cousin ultimate 989 1,1mm

1,3 = cousin ultimate 989 1,3mm

1,5 = cousin ultimate 989 1,5mm

<b>total length</b>	<b>no. of lines</b>
<b>40700</b>	<b>232</b>

<b>average line length (A to Brk.)</b>
<b>175,43</b>

# Manufacturing Check Sheet for Paragliders

# Piece Check

Glider Type: UP XB26XL Kantega2 XL Rev. No.: 2	Serial No.: Date: 12.10.2006
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### Line lengths [cm]

R. No.	Area A										Area B										Area C													
	Nom.	Left				Right				Nom.	Left				Right				Nom.	Left				Right										
		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	
1	797,5											785,0											787,5											
3	789,5											776,5											777,0											
5	787,5											775,0											776,0											
7	792,0											779,5											780,5											
9	790,5											779,5											783,0											
11	783,5											773,0											775,5											
13	779,5											770,0											772,5											
15	781,5											773,0											774,0											
17	771,5											763,0											762,0											
19	763,0											756,0											754,5											
21	759,5											752,0											749,5											
23	756,0											749,5											747,0											
25	736,0											727,5											724,5											
26	721,5											718,0											716,5											
27	707,5																						708,0											

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										Area E										Brake										rib no. brakes				
	Nom.	Left				Right				Nom.	Left				Right				Nom.	Left				Right											
		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		
1	799,5																						884,0												1,2
3	792,0											802,0											856,5												4
5	790,0																						839,0												6,7
7	794,0											803,5											833,5												9
9	795,5																						833,5												11,12
11	788,5											798,5											815,5												14
13	783,5																						807,0												16,17
15	785,5											793,0											804,5												19
17	777,0																						811,0												21,22
19	766,0																						810,5												24
21	758,0																						806,5												27
23	750,5																																		
25	729,0																																		

brakes measured inkl. 10cm-loop

## Single Line Lengths

Glider Type: UP XB26XL Kantega2 XL  
Rev. No.: 2

Serial No.:  
Date: 12.10.2006

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	159,0	1,1	pink
ao2	2	151,0	1,1	pink
ao3	2	149,0	1,1	pink
ao4	2	153,5	1,1	pink
ao5	2	152,0	1,1	pink
ao6	2	145,0	1,1	pink
ao7	2	141,0	1,1	pink
ao8	2	143,0	1,1	pink
ao9	2	133,0	1,1	pink
ao10	2	124,5	1,1	pink
ao11	2	121,0	1,1	pink
ao12	2	117,5	1,1	pink
ao13	2	157,5	1,1	pink
ao14	2	143,0	1,1	pink
ao15	2	129,0	1,1	pink
bo1	2	146,5	1,1	blue
bo2	2	138,0	1,1	blue
bo3	2	136,5	1,1	blue
bo4	2	141,0	1,1	blue
bo5	2	141,0	1,1	blue
bo6	2	134,5	1,1	blue
bo7	2	131,5	1,1	blue
bo8	2	134,5	1,1	blue
bo9	2	124,5	1,1	blue
bo10	2	117,5	1,1	blue
bo11	2	113,5	1,1	blue
bo12	2	111,0	1,1	blue
bo13	2	149,0	1,1	blue
bo14	2	139,5	1,1	blue
co1	2	149,0	1,1	yellow
co2	2	138,5	1,1	yellow
co3	2	137,5	1,1	yellow
co4	2	142,0	1,1	yellow
co5	2	144,5	1,1	yellow
co6	2	137,0	1,1	yellow
co7	2	134,0	1,1	yellow
co8	2	135,5	1,1	yellow
co9	2	123,5	1,1	yellow
co10	2	116,0	1,1	yellow
co11	2	111,0	1,1	yellow
co12	2	108,5	1,1	yellow
co13	2	146,0	1,1	yellow
co14	2	138,0	1,1	yellow
co15	2	129,5	1,1	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	161,0	1,1	yellow
do2	2	153,5	1,1	yellow
do3	2	151,5	1,1	yellow
do4	2	155,5	1,1	yellow
do5	2	157,0	1,1	yellow
do6	2	150,0	1,1	yellow
do7	2	145,0	1,1	yellow
do8	2	147,0	1,1	yellow
do9	2	138,5	1,1	yellow
do10	2	127,5	1,1	yellow
do11	2	119,5	1,1	yellow
do12	2	112,0	1,1	yellow
do13	2	150,5	1,1	yellow
eo1	2	163,5	1,1	yellow
eo2	2	165,0	1,1	yellow
eo3	2	160,0	1,1	yellow
eo4	2	154,5	1,1	yellow
aou1	12	153,0	1,3	pink
bou1	12	153,0	1,3	blue
cou1	12	153,0	1,3	yellow
dou1	12	153,0	1,3	yellow

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
A1	2	486,0	1,5	red
A2	2	486,0	1,5	red
A3	2	486,0	1,5	red
B1	2	486,0	1,5	blue
B2	2	486,0	1,5	blue
B3	2	486,0	1,5	blue
C1	2	486,0	1,5	yellow
C2	2	486,0	1,5	yellow
C3	2	486,0	1,5	yellow
D1	2	486,0	1,5	yellow
D2	2	486,0	1,5	yellow
Stabi	2	579,0	1,5	blue

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	230,0	1,1	pink
brk2	2	202,5	1,1	pink
brk3	2	185,0	1,1	pink
brk4	2	179,5	1,1	pink
brk5	2	179,5	1,1	pink
brk6	2	161,5	1,1	pink
brk7	2	153,0	1,1	pink
brk8	2	150,5	1,1	pink
brk9	2	157,0	1,1	pink
brk10	2	156,5	1,1	pink
brk11	2	162,5	1,1	pink
brkou	10	153,0	1,3	pink
brkuu	4	273,0	1,5	red
Brk Main	2	218,5	2,3 *)	orange

\*) 2,3 Dyneema

### line material:

1,1 = cousin ultimate 989 1,1mm

1,3 = cousin ultimate 989 1,3mm

1,5 = cousin ultimate 989 1,5mm

total length	no. of lines
<b>43047</b>	<b>232</b>

average line length (A to Brk.)
<b>185,55</b>