

Manufacturing Check Sheet for Paragliders

Piece Check

Glider Type: Sherpa 2 (XT13)	Serial No.:
Rev. No.: 3	Date: 22.03.2004

Line lengths [cm]

R. No.	Area																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
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-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																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																					
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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										E	Brake															
	D											Left					Right										
	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm		+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm			
1	834,0																		926,0								
2	829,5																		905,0								
3	828,5																		891,0								
4	829,0																		883,5								
6	831,0																		869,0								
7	822,0																		850,0								
8	820,0																		841,0								
9	818,0																		836,0								
10	815,0																		837,5								
11	819,0																		844,0								
13	813,0																		828,0								
14	803,5																		818,0								
15	800,0																		808,5								
17	791,5																		793,0								
18	786,5																		790,0								
19	786,0																										
21	758,0																										
23																											

Single Line Lengths

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Line no.	Quantity	Length [cm]	Diameter [mm]
ao1	2	151,0	1,18
ao2	2	146,5	1,18
ao3	2	145,0	1,18
ao4	2	146,0	1,18
ao5	2	148,0	1,18
ao6	2	138,5	1,18
ao7	2	136,5	1,18
ao8	2	134,0	1,18
ao9	2	131,0	1,18
ao10	2	135,5	1,18
ao11	2	127,5	1,18
ao12	2	118,0	1,18
ao13	2	115,5	1,18
ao14	2	109,5	1,18
ao15	2	105,0	1,18
ao16	2	106,0	1,18
ao17	2	162,0	1,18
ao18	2	128,0	1,18
bo1	2	141,5	1,18
bo2	2	137,0	1,18
bo3	2	136,0	1,18
bo4	2	137,0	1,18
bo5	2	139,0	1,18
bo6	2	129,5	1,18
bo7	2	128,0	1,18
bo8	2	126,0	1,18
bo9	2	123,0	1,18
bo10	2	128,0	1,18
bo11	2	121,0	1,18
bo12	2	112,0	1,18
bo13	2	110,0	1,18
bo14	2	104,0	1,18
bo15	2	101,0	1,18
bo16	2	102,0	1,18
bo17	2	153,0	1,18
bo18	2	128,0	1,18
co1	2	144,0	1,18
co2	2	140,0	1,18
co3	2	138,5	1,18
co4	2	139,0	1,18
co5	2	142,0	1,18
co6	2	132,0	1,18
co7	2	130,5	1,18
co8	2	128,0	1,18
co9	2	125,5	1,18
co10	2	130,0	1,18
co11	2	123,5	1,18
co12	2	114,0	1,18
co13	2	112,0	1,18
co14	2	106,0	1,18
co15	2	102,0	1,18
co16	2	103,0	1,18
co17	2	152,0	1,18
co18	2	134,0	1,18

Line no.	Quantity	Length [cm]	Diameter [mm]
do1	2	155,0	1,18
do2	2	150,5	1,18
do3	2	149,5	1,18
do4	2	150,0	1,18
do5	2	152,0	1,18
do6	2	143,0	1,18
do7	2	141,0	1,18
do8	2	139,0	1,18
do9	2	136,0	1,18
do10	2	140,0	1,18
do11	2	134,0	1,18
do12	2	124,5	1,18
do13	2	121,0	1,18
do14	2	112,5	1,18
do15	2	107,5	1,18
do16	2	107,0	1,18
do17	2	159,0	1,18
ao1	4	190,0	1,8
ao2	4	190,0	1,8
ao3	4	190,0	1,8
bo1	4	190,0	1,8
bo2	4	190,0	1,8
bo3	4	190,0	1,8
co1	4	190,0	1,8
co2	4	190,0	1,8
co3	4	190,0	1,8
do1	4	190,0	1,8
do2	4	190,0	1,8
do3	4	190,0	1,8
A1	2	490,0	2,5
A2	2	490,0	2,5
A3 *)	2	490,0	2,5
B1	2	490,0	2,5
B2	2	490,0	2,5
B3	2	490,0	2,5
C1	2	490,0	2,18
C2	2	490,0	2,18
C3	2	490,0	2,18
D1	2	490,0	2,18
D2	2	490,0	2,18
Stab	2	600,0	1,98

*) A3 divided in 2 different lines and diameter:

A 1	2	50,0	2,5
A 2	2	440,0	2,5
Line from split point to handle			
A-Handle	2	68,0	2,5

Brake no.	Quantity	Length [cm]	Diameter [mm]
brk1	2	180,5	1,1
brk2	2	159,5	1,1
brk3	2	145,5	1,1
brk4	2	138,0	1,1
brk5	2	133,5	1,1
brk6	2	114,5	1,1
brk7	2	105,5	1,1
brk8	2	100,5	1,1
brk9	2	102,0	1,1
brk10	2	108,5	1,1
brk11	2	92,5	1,1
brk12	2	82,5	1,1
brk13	2	73,0	1,1
brk14	2	57,5	1,1
brk15	2	54,5	1,1
brkou	14	150,0	1,7
brkuu1	2	320,0	1,7
brkuu2	4	310,0	1,7
Brk Main	2	278,0	2,3*)

*) 2,3 Dyneema

total length	no. of lines
47450	266

average line length (A to Brk.)	809.51
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