

Check Sheet for Paragliders

Glider Type: UP XA45XXXS PICO XXXS	Serial No.:
Rev. No.: 2	Date: 07.01.2009

Line lengths [cm]

R. No.	Area																																
	A										B										C												
	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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm
1	575,0										567,0											570,0											
2	567,5										559,0											562,5											
3	568,0										560,0											563,0											
5	568,0										559,5											562,5											
6	571,5										563,0											566,0											
8	566,5										560,0											563,0											
9	564,0										557,0											560,5											
11	561,5										555,5											558,0											
12	562,5										556,0											557,5											
14	555,0										548,5											549,5											
15	550,5										545,0											545,5											
17	544,5										539,5											539,5											
18	542,0										537,5											537,0											
19	540,0																																
20	522,0										517,5											517,0											
21	506,5																					508,5											

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										E										Brake										rib no. brakes		
	D																																
			Left			Right							Left			Right							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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm
1	580,0																						652,0										1
2	574,0																						626,0										3
3	574,0																						610,5										5
5	574,0																						601,0										7
6	576,5																						591,0										9
8	573,5																						582,5										11
9	570,5																						579,5										13
11	566,0																						579,0										15
12	565,5																						572,5										17
14	558,5																						562,0										19
15	553,0																						560,5										21
17	545,5																																
18	541,5																																
19																																	
20																																	



UP International Kreuzeckbahnstr. 7 D-82467 Garmisch/Germany
 PHONE: +49 (0) 88 21 73099 0 FAX: +49 (0) 88 21 73099 16 E-mail: info@up-paragliders.com
www.up-paragliders.com

Single Line Lengths

Glider Type: UP XA45XXXS PICO XXXS
Rev. No.: 2

Serial No.:
Date: 07.01.2009

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	72,0	8000/U-90	red
ao2	2	64,5	8000/U-90	red
ao3	2	65,0	8000/U-90	red
ao4	2	65,0	8000/U-90	red
ao5	2	68,5	8000/U-90	red
ao6	2	63,5	8000/U-90	red
ao7	2	61,0	8000/U-90	red
ao8	2	58,5	8000/U-90	red
ao9	2	59,5	8000/U-90	red
ao10	2	52,0	8000/U-90	red
ao11	2	47,5	8000/U-90	red
ao12	2	41,5	8000/U-90	red
ao13	2	39,0	8000/U-90	red
ao14	2	96,5	8000/U-90	red
ao15	2	78,5	8000/U-90	red
ao16	2	63,0	8000/U-90	red
bo1	2	64,0	8000/U-90	red
bo2	2	56,0	8000/U-90	red
bo3	2	57,0	8000/U-90	red
bo4	2	56,5	8000/U-90	red
bo5	2	60,0	8000/U-90	red
bo6	2	57,0	8000/U-90	red
bo7	2	54,0	8000/U-90	red
bo8	2	52,5	8000/U-90	red
bo9	2	53,0	8000/U-90	red
bo10	2	45,5	8000/U-90	red
bo11	2	42,0	8000/U-90	red
bo12	2	36,5	8000/U-90	red
bo13	2	34,5	8000/U-90	red
bo14	2	74,0	8000/U-90	red
co1	2	67,0	8000/U-90	red
co2	2	59,5	8000/U-90	red
co3	2	60,0	8000/U-90	red
co4	2	59,5	8000/U-90	red
co5	2	63,0	8000/U-90	red
co6	2	60,0	8000/U-90	red
co7	2	57,5	8000/U-90	red
co8	2	55,0	8000/U-90	red
co9	2	54,5	8000/U-90	red
co10	2	78,0	8000/U-90	red
co11	2	74,0	8000/U-90	red
co12	2	68,0	8000/U-90	red
co13	2	65,5	8000/U-90	red
co14	2	73,5	8000/U-90	red
co15	2	65,0	8000/U-90	red

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	77,0	8000/U-90	red
do2	2	71,0	8000/U-90	red
do3	2	71,0	8000/U-90	red
do4	2	71,0	8000/U-90	red
do5	2	73,5	8000/U-90	red
do6	2	70,5	8000/U-90	red
do7	2	67,5	8000/U-90	red
do8	2	63,0	8000/U-90	red
do9	2	62,5	8000/U-90	red
do10	2	87,0	8000/U-90	red
do11	2	81,5	8000/U-90	red
do12	2	74,0	8000/U-90	red
do13	2	70,0	8000/U-90	red
auou1	12	135,0	3000/U-130	red
bou1	12	135,0	3000/U-130	red
cou1	8	135,0	3000/U-130	red
cou2	4	103,5	3000/U-130	red
dou1	8	135,0	3000/U-130	red
A1	2	369,5	1,5	red
A2	2	369,5	1,5	red
A3	2	369,5	1,5	red
B1	2	369,5	1,5	blue
B2	2	369,5	1,5	blue
B3	2	369,5	1,5	blue
C1	2	369,5	1,5	yellow
C2	2	369,5	1,5	yellow
C3	2	369,5	1,5	yellow
D1	2	369,5	1,5	yellow
D2	2	369,5	1,5	yellow
Stabi	2	445,0	1,5	red

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	189,5	8000/U-90	red
brk2	2	163,5	8000/U-90	red
brk3	2	148,0	8000/U-90	red
brk4	2	138,5	8000/U-90	red
brk5	2	128,5	8000/U-90	red
brk6	2	120,0	8000/U-90	red
brk7	2	117,0	8000/U-90	red
brk8	2	116,5	8000/U-90	red
brk9	2	110,0	8000/U-90	red
brk10	2	99,5	8000/U-90	red
brk11	2	98,0	8000/U-90	red
brkou	10	135,0	8000/U-130	red
brkuu	6	183,0	1,5	red
Brk Main	2	146,0	2,1 *)	orange

*) 2,3 Dyneema

line material:

edelrid 8000/U-90

edelrid8000/U-130

1.5 = cousin ultimate 989 1.5mm

total length	no. of lines
27706	224

average line length (A to Brk.)	123.69
---------------------------------	--------

Check Sheet for Paragliders

Glider Type: UP XA45XXS PICO XXS	Serial No.:
Rev. No.: 2	Date: 07.01.2009

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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm		-1 cm	0 cm	+1 cm	+2 cm					
1	627,5										618,5										622,0											
2	619,5										610,5										614,0											
3	620,0										611,0										614,5											
5	620,0										611,0										614,0											
6	623,5										614,5										618,0											
8	618,0										611,0										614,5											
9	615,5										608,0										612,0											
11	613,0										606,0										609,0											
12	614,0										607,0										608,5											
14	605,5										599,0										599,0											
15	601,0										595,0										594,5											
17	594,5										589,0										588,0											
18	591,5										586,5										585,5											
19	588,5																															
20	569,5										564,0										563,5											
21	552,5																				554,0											

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										E										Brake										rib no. brakes
	D																														
	Left					Right					Left					Right					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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm			
1	633,0																						711,0						1		
2	626,0																							682,5						3	
3	626,0																							665,5						5	
5	626,0																							655,5						7	
6	629,0																							644,5						9	
8	625,5																							635,5						11	
9	622,5																							632,0						13	
11	617,5																							631,5						15	
12	617,0																							624,5						17	
14	609,0																							613,0						19	
15	603,0																							611,0						21	
17	594,5																														
18	590,0																														
19																															
20																															



UP International Kreuzeckbahnstr. 7 D-82467 Garmisch/Germany
 PHONE: +49 (0) 88 21 73099 0 FAX: +49 (0) 88 21 73099 16 E-mail: info@up-paragliders.com
www.up-paragliders.com

Single Line Lengths

Glider Type: UP XA45XXS PICO XXS
Rev. No.: 2

Serial No.:
Date: 07.01.2009

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	78,5	8000/U-90	red
ao2	2	70,5	8000/U-90	red
ao3	2	71,0	8000/U-90	red
ao4	2	71,0	8000/U-90	red
ao5	2	74,5	8000/U-90	red
ao6	2	69,0	8000/U-90	red
ao7	2	66,5	8000/U-90	red
ao8	2	64,0	8000/U-90	red
ao9	2	65,0	8000/U-90	red
ao10	2	56,5	8000/U-90	red
ao11	2	52,0	8000/U-90	red
ao12	2	45,5	8000/U-90	red
ao13	2	42,5	8000/U-90	red
ao14	2	105,0	8000/U-90	red
ao15	2	86,0	8000/U-90	red
ao16	2	69,0	8000/U-90	red
bo1	2	69,5	8000/U-90	red
bo2	2	61,5	8000/U-90	red
bo3	2	62,0	8000/U-90	red
bo4	2	62,0	8000/U-90	red
bo5	2	65,5	8000/U-90	red
bo6	2	62,0	8000/U-90	red
bo7	2	59,0	8000/U-90	red
bo8	2	57,0	8000/U-90	red
bo9	2	58,0	8000/U-90	red
bo10	2	50,0	8000/U-90	red
bo11	2	46,0	8000/U-90	red
bo12	2	40,0	8000/U-90	red
bo13	2	37,5	8000/U-90	red
bo14	2	80,5	8000/U-90	red
co1	2	73,0	8000/U-90	red
co2	2	65,0	8000/U-90	red
co3	2	65,5	8000/U-90	red
co4	2	65,0	8000/U-90	red
co5	2	69,0	8000/U-90	red
co6	2	65,5	8000/U-90	red
co7	2	63,0	8000/U-90	red
co8	2	60,0	8000/U-90	red
co9	2	59,5	8000/U-90	red
co10	2	85,0	8000/U-90	red
co11	2	80,5	8000/U-90	red
co12	2	74,0	8000/U-90	red
co13	2	71,5	8000/U-90	red
co14	2	80,0	8000/U-90	red
co15	2	70,5	8000/U-90	red

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	84,0	8000/U-90	red
do2	2	77,0	8000/U-90	red
do3	2	77,0	8000/U-90	red
do4	2	77,0	8000/U-90	red
do5	2	80,0	8000/U-90	red
do6	2	76,5	8000/U-90	red
do7	2	73,5	8000/U-90	red
do8	2	68,5	8000/U-90	red
do9	2	68,0	8000/U-90	red
do10	2	95,0	8000/U-90	red
do11	2	89,0	8000/U-90	red
do12	2	80,5	8000/U-90	red
do13	2	76,0	8000/U-90	red
auou1	12	147,5	8000/U-130	red
bou1	12	147,5	8000/U-130	red
cou1	8	147,5	8000/U-130	red
cou2	4	112,5	8000/U-130	red
dou1	8	147,5	8000/U-130	red
A1	2	403,0	1,5	red
A2	2	403,0	1,5	red
A3	2	403,0	1,5	red
B1	2	403,0	1,5	blue
B2	2	403,0	1,5	blue
B3	2	403,0	1,5	blue
C1	2	403,0	1,5	yellow
C2	2	403,0	1,5	yellow
C3	2	403,0	1,5	yellow
D1	2	403,0	1,5	yellow
D2	2	403,0	1,5	yellow
Stabi	2	485,0	1,5	red

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	206,5	8000/U-90	red
brk2	2	178,0	8000/U-90	red
brk3	2	161,0	8000/U-90	red
brk4	2	151,0	8000/U-90	red
brk5	2	140,0	8000/U-90	red
brk6	2	131,0	8000/U-90	red
brk7	2	127,5	8000/U-90	red
brk8	2	127,0	8000/U-90	red
brk9	2	120,0	8000/U-90	red
brk10	2	108,5	8000/U-90	red
brk11	2	106,5	8000/U-90	red
brkou	10	147,5	8000/U-130	red
brkuu	6	199,0	1,5	red
Brk Main	2	159,5	2,1 *)	orange

*) 2,3 Dyneema

line material:

edelrid 8000/U-90

edelrid 8000/U-130

1.5 = cousin ultimate 989 1.5mm

total length	no. of lines
30220	224

average line length (A to Brk.)	134.91
---------------------------------	--------

Check Sheet for Paragliders

Glider Type: UP XA45XS PICO XS	Serial No.:
Rev. No.: 2	Date: 07.01.2009

Line lengths [cm]

R. No.	Area																																
No.	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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		-2 cm	-1 cm	0 cm	+1 cm	+2 cm					
1	666,0										657,0										659,5												
2	658,0										648,0										651,5												
3	658,5										649,0										652,0												
5	658,5										648,5										651,5												
6	662,0										653,0										655,5												
8	656,5										649,0										652,0												
9	654,0										645,5										649,0												
11	651,0										643,5										646,0												
12	652,0										644,5										645,5												
14	642,5										635,5										635,5												
15	637,5										631,0										631,0												
17	631,0										625,0										624,0												
18	627,5										622,5										621,5												
19	625,0																																
20	604,5										599,0										598,5												
21	586,5																				588,5												

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																				rib no. brakes										
	D										E											Brake									
			Left			Right							Left			Right								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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm			
1	671,0																						755,0						1		
2	664,0																						724,5						3		
3	664,0																						706,5						5		
5	664,0																						696,0						7		
6	667,0																						684,0						9		
8	663,5																						674,5						11		
9	659,5																						670,5						13		
11	654,5																						670,0						15		
12	654,0																						663,0						17		
14	646,0																						650,5						19		
15	639,5																						648,5						21		
17	631,0																														
18	626,5																														
19																															
20																															



UP International Kreuzeckbahnstr. 7 D-82467 Garmisch/Germany
 PHONE: +49 (0) 88 21 73099 0 FAX: +49 (0) 88 21 73099 16 E-mail: info@up-paragliders.com
www.up-paragliders.com

Single Line Lengths

Glider Type: UP XA45XS PICO XS
Rev. No.: 2

Serial No.:

Date: 07.01.2009

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
ao1	2	83,5	8000/U-90	red
ao2	2	75,5	8000/U-90	red
ao3	2	76,0	8000/U-90	red
ao4	2	76,0	8000/U-90	red
ao5	2	79,5	8000/U-90	red
ao6	2	74,0	8000/U-90	red
ao7	2	71,5	8000/U-90	red
ao8	2	68,5	8000/U-90	red
ao9	2	69,5	8000/U-90	red
ao10	2	60,0	8000/U-90	red
ao11	2	55,0	8000/U-90	red
ao12	2	48,5	8000/U-90	red
ao13	2	45,0	8000/U-90	red
ao14	2	111,5	8000/U-90	red
ao15	2	91,0	8000/U-90	red
ao16	2	73,0	8000/U-90	red
bo1	2	74,5	8000/U-90	red
bo2	2	65,5	8000/U-90	red
bo3	2	66,5	8000/U-90	red
bo4	2	66,0	8000/U-90	red
bo5	2	70,5	8000/U-90	red
bo6	2	66,5	8000/U-90	red
bo7	2	63,0	8000/U-90	red
bo8	2	61,0	8000/U-90	red
bo9	2	62,0	8000/U-90	red
bo10	2	53,0	8000/U-90	red
bo11	2	48,5	8000/U-90	red
bo12	2	42,5	8000/U-90	red
bo13	2	40,0	8000/U-90	red
bo14	2	85,5	8000/U-90	red
co1	2	77,0	8000/U-90	red
co2	2	69,0	8000/U-90	red
co3	2	69,5	8000/U-90	red
co4	2	69,0	8000/U-90	red
co5	2	73,0	8000/U-90	red
co6	2	69,5	8000/U-90	red
co7	2	66,5	8000/U-90	red
co8	2	63,5	8000/U-90	red
co9	2	63,0	8000/U-90	red
co10	2	90,0	8000/U-90	red
co11	2	85,5	8000/U-90	red
co12	2	78,5	8000/U-90	red
co13	2	76,0	8000/U-90	red
co14	2	85,0	8000/U-90	red
co15	2	75,0	8000/U-90	red

Line no.	Quantity	Length [cm]	Diameter [mm]	colour
do1	2	88,5	8000/U-90	red
do2	2	81,5	8000/U-90	red
do3	2	81,5	8000/U-90	red
do4	2	81,5	8000/U-90	red
do5	2	84,5	8000/U-90	red
do6	2	81,0	8000/U-90	red
do7	2	77,0	8000/U-90	red
do8	2	72,0	8000/U-90	red
do9	2	71,5	8000/U-90	red
do10	2	100,5	8000/U-90	red
do11	2	94,0	8000/U-90	red
do12	2	85,5	8000/U-90	red
do13	2	81,0	8000/U-90	red
auou1	12	156,5	8000/U-130	red
bou1	12	156,5	8000/U-130	red
cou1	8	156,5	8000/U-130	red
cou2	4	119,5	8000/U-130	red
dou1	8	156,5	8000/U-130	red
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	515,0	1,5	red

Brake no.	Quantity	Length [cm]	Diameter [mm]	colour
brk1	2	219,5	8000/U-90	red
brk2	2	189,0	8000/U-90	red
brk3	2	171,0	8000/U-90	red
brk4	2	160,5	8000/U-90	red
brk5	2	148,5	8000/U-90	red
brk6	2	139,0	8000/U-90	red
brk7	2	135,0	8000/U-90	red
brk8	2	134,5	8000/U-90	red
brk9	2	127,5	8000/U-90	red
brk10	2	115,0	8000/U-90	red
brk11	2	113,0	8000/U-90	red
brkou	10	156,5	8000/U-130	red
brkuu	6	211,5	1,5	red
Brk Main	2	169,0	2,1 *)	orange

*) 2,3 Dyneema

line material:

edelrid 8000/U-90

edelrid 8000/U-130

1,5 = cousin ultimate 989 1,5mm

total length	no. of lines
32076	224

average line length (A to Brk.)	143,20
---------------------------------	--------

Check Sheet for Paragliders

Glider Type: UP XA45S-PICO S	Serial No.:
Rev. No.: 2	Date: 07.01.2009

Line lengths [cm]

R. No.	Area																						
	A					B					C												
		Left		Right				Left		Right				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	693,5											684,0						687,0					
2	685,0											674,5						678,0					
3	685,5											675,5						678,5					
5	685,5											675,5						678,0					
6	689,0											679,5						682,5					
8	683,0											676,0						678,5					
9	680,5											672,5						675,5					
11	677,5											670,0						672,5					
12	678,5											671,5						672,0					
14	669,0											661,0						661,5					
15	663,5											656,5						657,0					
17	656,5											650,0						649,5					
18	653,0											647,0						647,0					
19	651,0																						
20	629,0											623,5						623,0					
21	610,0																	612,5					

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										E										Brake										rib no. brakes		
	D																																
			Left			Right							Left			Right							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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm
1	699,0																						790,0										1
2	691,0																						758,5										3
3	691,0																						739,5										5
5	691,0																						728,5										7
6	694,5																						716,0										9
8	690,5																						706,0										11
9	687,0																						702,5										13
11	681,5																						702,0										15
12	681,0																						694,0										17
14	673,0																						681,0										19
15	666,0																						679,0										21
17	657,0																																
18	652,0																																
19																																	
20																																	



UP International Kreuzeckbahnstr.7 82467 Garmisch GERMANY

PHONE: +49 (0) 88 21 73099-0 FAX: +49 (0) 88 21 73099-1 E-mail: info@up-paragliders.com

www.up-paragliders.com

Check Sheet for Paragliders

Glider Type: UP XA45 PICO M	Serial No.:
Rev. No.: 2	Date: 07.01.2009

Line lengths [cm]

R. No.	Area																						
	A					B					C												
		Left			Right			Left			Right			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	724,5											714,5						717,5					
2	715,5											705,0						708,5					
3	716,0											706,0						709,0					
5	716,0											705,5						708,5					
6	720,0											710,0						713,0					
8	714,0											706,0						709,0					
9	711,0											702,0						706,0					
11	708,0											700,0						702,5					
12	709,0											701,0						702,0					
14	699,0											691,0						691,5					
15	693,5											686,5						686,5					
17	686,0											679,5						679,0					
18	682,5											677,0						676,0					
19	680,0																						
20	657,5											651,5						651,0					
21	638,0																	640,0					

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										E										Brake										rib no. brakes		
	D																																
			Left				Right						Left				Right						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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	-2 cm	-1 cm	0 cm	+1 cm	+2 cm
1	730,0																						821,0										1
2	722,0																						788,0										3
3	722,0																						768,5										5
5	722,0																						757,0										7
6	725,5																						744,0										9
8	721,5																						733,5										11
9	717,5																						729,5										13
11	712,0																						729,0										15
12	711,5																						721,0										17
14	703,0																						707,5										19
15	696,0																						705,5										21
17	686,5																																
18	681,5																																
19																																	
20																																	



UP International Kreuzeckbahnstr. 7 D-82467 Garmisch/Germany
 PHONE: +49 (0) 88 21 73099 0 FAX: +49 (0) 88 21 73099 16 E-mail: info@up-paragliders.com
www.up-paragliders.com

Check Sheet for Paragliders

Glider Type: UP XA45L PICO L	Serial No.:
Rev. No.: 2	Date: 07.01.2009

Line lengths [cm]

R. No.	Area																													
	A										B										C									
	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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm		
1	754,0										744,0												747,0							
2	745,0										734,0												737,5							
3	745,5										735,0												738,0							
5	745,5										734,5												737,5							
6	749,5										739,0												742,0							
8	743,5										735,0												738,0							
9	740,0										731,0												735,0							
11	737,0										728,5												731,5							
12	738,0										730,0												731,0							
14	727,5										719,5												720,0							
15	722,0										714,5												715,0							
17	714,0										707,5												707,0							
18	710,5										705,0												704,0							
19	707,5																													
20	684,0										678,0												677,0							
21	663,5																						666,0							

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										E										Brake										rib no. brakes
	D																														
	Left					Right					Left					Right					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	-2 cm	-1 cm	0 cm	+1 cm	+2 cm	Nom.	-2 cm	-1 cm	0 cm	+1 cm	+2 cm			
1	760,0																						854,5						1		
2	751,5																						820,5						3		
3	751,5																						800,0						5		
5	751,5																						788,0						7		
6	755,0																						774,5						9		
8	751,0																						763,5						11		
9	747,0																						759,5						13		
11	741,0																						759,0						15		
12	740,5																						750,5						17		
14	732,0																						736,5						19		
15	724,5																						734,5						21		
17	715,0																														
18	709,5																														
19																															
20																															



UP International Kreuzeckbahnstr. 7 D-82467 Garmisch/Germany
 PHONE: +49 (0) 88 21 73099 0 FAX: +49 (0) 88 21 73099 16 E-mail: info@up-paragliders.com
www.up-paragliders.com

