

# Line Check Sheet for Paragliders

# Piece Check

Glider Type: UP XG48 Trango X-light <sup>2</sup> S (LTF/EN C)	Serial No.:
Rev. No.: 2	Date:

### Line lengths [mm]

R. No.	Area										B										
	A					B															
	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
2	6576					6490															
4	6495					6403															
7	6464					6375															
9	6512					6426															
12	6442					6361															
14	6356					6278															
17	6296					6227															
19	6333					6279															
22	6127					6089															
24	6028					6000															
27	5900					5885															
29	5878					5867															
32	5636					5660															
34						5625															
34						5649															
34						5730															

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										Brake					rib no. brakes	Loops on Quick links		Loop Index	MTS	
	C					D											Factory setting				
	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
2	6519					7274					2					A1	--	0			
5	6417					7016					5					A2	--	0			
8	6467					6849					8					A3	--	0			
11	6415					6827					11					B1	--	0			
14	6300					6680					14					B2	--	0			
17	6324					6506					17					B3	--	0			
20	6259					6377					20					C1	Round turn	1			
23	6124					6355					23					C2	Round turn	1			
26	6001					6187					26					C3	Round turn	1			
29	6011					6127					28					STI	Round turn	1			
29	5724					6044					31										
						6055					33										

brakes measured inkl. 10cm-loop

### Single Line Lengths

Glider Type: UP XG48 Trango X-light<sup>2</sup> S (LTF/EN C)  
Rev. No.: 2

Serial No.:  
Date:

Line no.	Quantity	Length [mm]	material	colour
a1	2	766	8000U-090	red
a2	2	685	8000U-090	red
a3	2	654	8000U-090	red
a4	2	702	8000U-090	red
a5	2	682	8000U-090	red
a6	2	596	8000U-090	red
a7	2	536	8000U-090	red
a8	2	573	8000U-090	red
a9	2	517	8000U-070	red
a10	2	418	8000U-070	red
a11	2	390	8000U-070	red
a12	2	368	8000U-070	red
a13	2	481	8000U-050	red
b1	2	680	8000U-090	red
b2	2	593	8000U-090	red
b3	2	565	8000U-090	red
b4	2	616	8000U-090	red
b5	2	601	8000U-090	red
b6	2	518	8000U-090	red
b7	2	467	8000U-090	red
b8	2	519	8000U-090	red
b9	2	479	8000U-070	red
b10	2	390	8000U-070	red
b11	2	375	8000U-070	red
b12	2	357	8000U-070	red
b13	2	505	8000U-050	red
c1	2	1929	8000U-090	red
c2	2	1827	8000U-090	red
c3	2	1877	8000U-090	red
c4	2	1825	8000U-090	red
c5	2	1710	8000U-090	red
c6	2	1734	8000U-090	red
c7	2	654	8000U-070	red
c8	2	519	8000U-070	red
c9	2	496	8000U-050	red
c10	2	506	8000U-050	red
c11	2	569	8000U-050	red
st1	2	465	8000U-050	red
st2	2	489	8000U-050	red
st3	2	1315	8000U-050	red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1500	8000U-130	red
A2	2	1500	8000U-130	red
A3	2	1450	8000U-130	red
A4	2	1450	8000U-130	red
A5	2	1300	8000U-130	red
A6	2	1200	8000U-090	red
B1	2	1500	8000U-130	red
B2	2	1500	8000U-130	red
B3	2	1450	8000U-130	red
B4	2	1450	8000U-130	red
B5	2	1300	8000U-130	red
B6	2	1200	8000U-090	red
C4	2	1300	8000U-130	red
C5	2	1200	8000U-090	red
AI	2	4320	8000U-230	red
AII	2	4320	8000U-230	red
AIII	2	4320	8000U-190	red
BI	2	4320	8000U-230	red
BII	2	4320	8000U-230	red
BIII	2	4320	8000U-190	red
CI	2	4600	8000U-190	red
CII	2	4600	8000U-190	red
CIII	2	4320	8000U-190	red
ST1	2	745	8000U-070	red
ST2	2	745	8000U-070	red
STI	2	4420	8000U-130	green

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1034	8000U-050	red
br2	2	776	8000U-050	red
br3	2	809	8000U-050	red
br4	2	787	8000U-050	red
br5	2	930	8000U-050	red
br6	2	756	8000U-050	red
br7	2	657	8000U-050	red
br8	2	635	8000U-050	red
br9	2	467	8000U-050	red
br10	2	407	8000U-050	red
br11	2	374	8000U-050	red
br12	2	385	8000U-050	red
BR1	2	1390	8000U-070	red
BR2	2	1190	8000U-070	red
BR3	2	1100	8000U-070	red
BR4	2	1070	8000U-070	red
BR5	2	1070	8000U-070	red
BR6	2	1020	8000U-070	red
BR1	2	2800	8000U-090	red
BRII	2	2600	8000U-090	red
BRIII	2	2600	8000U-090	red
brmain	2	2050	993 1,5mm	pink

**Line material:**

- Edelrid 8000U-50
- Edelrid 8000U-70
- Edelrid 8000U-90
- Edelrid 8000U-130
- Edelrid 8000U-190
- Edelrid 8000U-230
- Cousin 989 1,5mm

total length	no. of lines
239010	176

# Line Check Sheet for Paragliders

# Piece Check

Glider Type: UP XG48 Trango X-light <sup>2</sup> SM (LTF/EN D) Rev. No.: 2	Serial No.: Date:
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### Line lengths [mm]

R. No.	Area A										Area B												
	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	6794										6706												
4	6711										6617												
7	6680										6589												
9	6730										6642												
12	6660										6577												
14	6572										6491												
17	6509										6438												
19	6548										6492												
22	6341										6302												
24	6240										6211												
27	6107										6091												
29	6084										6073												
32	5827										5852												
34											5810												
34											5834												
34											5917												

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 C										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	6736										7536												2
5	6632										7285												5
8	6684										7115												8
11	6631										7095												11
14	6514										6942												14
17	6539										6764												17
20	6473										6607												20
23	6334										6587												23
26	6206										6410												26
29	6216										6348												28
29	5917										6263												31
											6274												33

brakes measured inkl. 10cm-loop

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

### Single Line Lengths

Glider Type: UP XG48 Trango X-light<sup>2</sup> SM (LTF/EN D)  
Rev. No.: 2

Serial No.:  
Date:

Line no.	Quantity	Length [mm]	material	colour
a1	2	794	8000U-090	red
a2	2	711	8000U-090	red
a3	2	680	8000U-090	red
a4	2	730	8000U-090	red
a5	2	700	8000U-090	red
a6	2	612	8000U-090	red
a7	2	549	8000U-090	red
a8	2	588	8000U-090	red
a9	2	526	8000U-070	red
a10	2	425	8000U-070	red
a11	2	392	8000U-070	red
a12	2	369	8000U-070	red
a13	2	497	8000U-050	red
b1	2	706	8000U-090	red
b2	2	617	8000U-090	red
b3	2	589	8000U-090	red
b4	2	642	8000U-090	red
b5	2	617	8000U-090	red
b6	2	531	8000U-090	red
b7	2	478	8000U-090	red
b8	2	532	8000U-090	red
b9	2	487	8000U-070	red
b10	2	396	8000U-070	red
b11	2	376	8000U-070	red
b12	2	358	8000U-070	red
b13	2	522	8000U-050	red
c1	2	1986	8000U-090	red
c2	2	1882	8000U-090	red
c3	2	1934	8000U-090	red
c4	2	1881	8000U-090	red
c5	2	1764	8000U-090	red
c6	2	1789	8000U-090	red
c7	2	668	8000U-070	red
c8	2	529	8000U-070	red
c9	2	501	8000U-050	red
c10	2	511	8000U-050	red
c11	2	587	8000U-050	red
st1	2	480	8000U-050	red
st2	2	504	8000U-050	red
st3	2	1357	8000U-050	red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1540	8000U-130	red
A2	2	1540	8000U-130	red
A3	2	1500	8000U-130	red
A4	2	1500	8000U-130	red
A5	2	1350	8000U-130	red
A6	2	1250	8000U-090	red
B1	2	1540	8000U-130	red
B2	2	1540	8000U-130	red
B3	2	1500	8000U-130	red
B4	2	1500	8000U-130	red
B5	2	1350	8000U-130	red
B6	2	1250	8000U-090	red
C4	2	1350	8000U-130	red
C5	2	1250	8000U-090	red
AI	2	4480	8000U-230	red
AII	2	4480	8000U-230	red
AIII	2	4480	8000U-190	red
BI	2	4480	8000U-230	red
BII	2	4480	8000U-230	red
BIII	2	4480	8000U-190	red
CI	2	4770	8000U-190	red
CII	2	4770	8000U-190	red
CIII	2	4480	8000U-190	red
ST1	2	770	8000U-070	red
ST2	2	770	8000U-070	red
STI	2	4580	8000U-130	green

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1059	8000U-050	red
br2	2	795	8000U-050	red
br3	2	825	8000U-050	red
br4	2	805	8000U-050	red
br5	2	952	8000U-050	red
br6	2	774	8000U-050	red
br7	2	682	8000U-050	red
br8	2	662	8000U-050	red
br9	2	485	8000U-050	red
br10	2	423	8000U-050	red
br11	2	378	8000U-050	red
br12	2	389	8000U-050	red
BR1	2	1475	8000U-070	red
BR2	2	1275	8000U-070	red
BR3	2	1175	8000U-070	red
BR4	2	1120	8000U-070	red
BR5	2	1120	8000U-070	red
BR6	2	1080	8000U-070	red
BR1	2	2900	8000U-090	red
BRII	2	2700	8000U-090	red
BRIII	2	2700	8000U-090	red
brmain	2	2110	993 1,5mm	pink

**Line material:**

Edelrid 8000U-50  
Edelrid 8000U-70  
Edelrid 8000U-90  
Edelrid 8000U-130  
Edelrid 8000U-190  
Edelrid 8000U-230  
Cousin 989 1,5mm

total length	no. of lines
247322	176

# Line Check Sheet for Paragliders

# Piece Check

Glider Type: UP XG48 Trango X-light <sup>2</sup> M (LTF/EN D)	Serial No.:
Rev. No.: 2	Date:

### Line lengths [mm]

R. No.	Area A										Area B															
	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	7063										6974															
4	6976										6880															
7	6943										6850															
9	6995										6905															
12	6922										6836															
14	6830										6746															
17	6766										6691															
19	6806										6746															
22	6602										6559															
24	6479										6446															
27	6329										6310															
29	6270										6256															
32	6043										6068															
34											6024															
34											6054															
34											6133															

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 C										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	7002										7816														2
5	6894										7538														5
8	6948										7369														8
11	6893										7342														11
14	6771										7189														14
17	6797										6992														17
20	6739										6857														20
23	6575										6857														23
26	6435										6672														26
29	6425										6607														28
29	6134										6518														31
											6526														33
												brakes measured inkl. 10cm-loop													

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

### Single Line Lengths

Glider Type: UP XG48 Trango X-light<sup>2</sup> M (LTF/EN D)  
Rev. No.: 2

Serial No.:  
Date:

Line no.	Quantity	Length [mm]	material	colour
a1	2	833	8000U-090	red
a2	2	746	8000U-090	red
a3	2	713	8000U-090	red
a4	2	765	8000U-090	red
a5	2	742	8000U-090	red
a6	2	650	8000U-090	red
a7	2	586	8000U-090	red
a8	2	626	8000U-090	red
a9	2	577	8000U-070	red
a10	2	454	8000U-070	red
a11	2	404	8000U-070	red
a12	2	345	8000U-070	red
a13	2	523	8000U-050	red
b1	2	744	8000U-090	red
b2	2	650	8000U-090	red
b3	2	620	8000U-090	red
b4	2	675	8000U-090	red
b5	2	656	8000U-090	red
b6	2	566	8000U-090	red
b7	2	511	8000U-090	red
b8	2	566	8000U-090	red
b9	2	534	8000U-070	red
b10	2	421	8000U-070	red
b11	2	385	8000U-070	red
b12	2	331	8000U-070	red
b13	2	548	8000U-050	red
c1	2	2082	8000U-090	red
c2	2	1974	8000U-090	red
c3	2	2028	8000U-090	red
c4	2	1973	8000U-090	red
c5	2	1851	8000U-090	red
c6	2	1877	8000U-090	red
c7	2	724	8000U-070	red
c8	2	560	8000U-070	red
c9	2	520	8000U-050	red
c10	2	510	8000U-050	red
c11	2	614	8000U-050	red
st1	2	504	8000U-050	red
st2	2	534	8000U-050	red
st3	2	1413	8000U-050	red

Line no.	Quantity	Length [mm]	material	colour
A1	2	1600	8000U-130	red
A2	2	1600	8000U-130	red
A3	2	1550	8000U-130	red
A4	2	1550	8000U-130	red
A5	2	1400	8000U-130	red
A6	2	1300	8000U-090	red
B1	2	1600	8000U-130	red
B2	2	1600	8000U-130	red
B3	2	1550	8000U-130	red
B4	2	1550	8000U-130	red
B5	2	1400	8000U-130	red
B6	2	1300	8000U-090	red
C4	2	1400	8000U-130	red
C5	2	1300	8000U-090	red
AI	2	4650	8000U-230	red
AII	2	4650	8000U-230	red
AIII	2	4650	8000U-190	red
BI	2	4650	8000U-230	red
BII	2	4650	8000U-230	red
BIII	2	4650	8000U-190	red
CI	2	4950	8000U-230	red
CII	2	4950	8000U-230	red
CIII	2	4650	8000U-190	red
ST1	2	800	8000U-070	red
ST2	2	800	8000U-070	red
STI	2	4750	8000U-130	green

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1131	8000U-050	red
br2	2	853	8000U-050	red
br3	2	884	8000U-050	red
br4	2	857	8000U-050	red
br5	2	1004	8000U-050	red
br6	2	807	8000U-050	red
br7	2	707	8000U-050	red
br8	2	707	8000U-050	red
br9	2	522	8000U-050	red
br10	2	457	8000U-050	red
br11	2	418	8000U-050	red
br12	2	426	8000U-050	red
BR1	2	1485	8000U-070	red
BR2	2	1285	8000U-070	red
BR3	2	1185	8000U-070	red
BR4	2	1150	8000U-070	red
BR5	2	1150	8000U-070	red
BR6	2	1100	8000U-070	red
BR1	2	3000	8000U-090	red
BRII	2	2800	8000U-090	red
BRIII	2	2800	8000U-090	red
brmain	2	2200	993 1,5mm	pink

**Line material:**

- Edelrid 8000U-50
- Edelrid 8000U-70
- Edelrid 8000U-90
- Edelrid 8000U-130
- Edelrid 8000U-190
- Edelrid 8000U-230
- Cousin 989 1,5mm

total length	no. of lines
257526	176