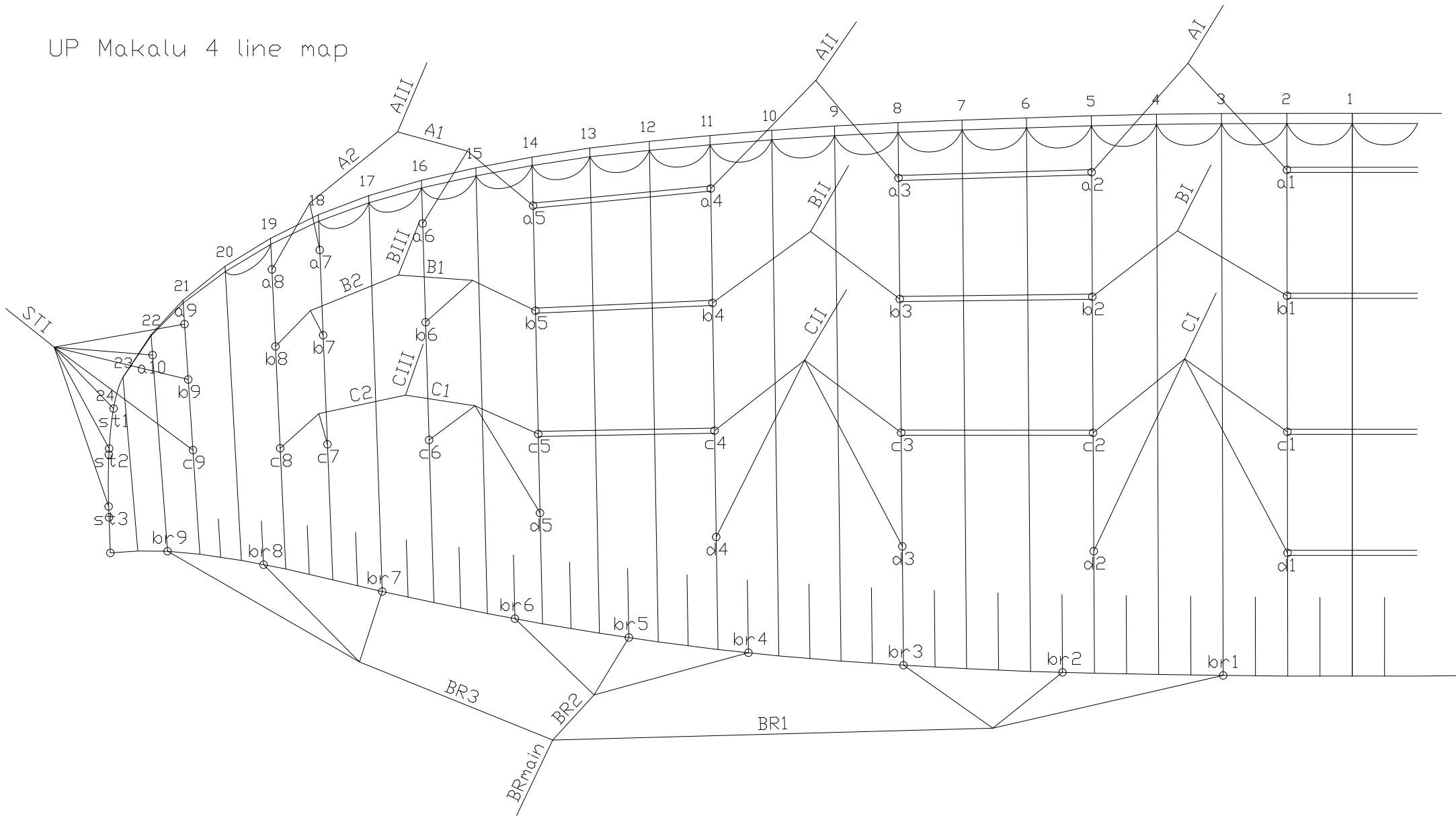


UP Makalu 4 line map



# Line Check Sheet for Paragliders

# Piece Check

Glider Type: XB44 Makalu 4 SM (EN B)	Serial No.:
Rev. No.: 5	Date: 13.01.2016

### 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
2	6952										6926											6960						
5	6906										6877											6911						
8	6883										6846											6882						
11	6847										6811											6838						
14	6796										6760											6790						
16	6685										6651											6681						
18	6589										6557											6579						
19	6575										6543											6559						
21	6295										6255											6306						
22	6177																											
24	6082										6094											6188						

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	7080										7725																3	
5	7030										7401																	5
8	6995										7251																	8
11	6935										7113																	10
14	6886										6969																	12
											6966																	14
											6831																	17
											6720																	19
											6711																	22

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



# Line Check Sheet for Paragliders

# Piece Check

Glider Type: XB44 Makalu 4 M (EN B) Rev. No.: 5	Serial No.: Date: 13.01.2016
--	---------------------------------

### Line lengths [mm]

R. No.	Area														
	A				B				C						
	Left		Right		Left		Right		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
	Nom.					Nom.					Nom.				
2	7225					7198					7233				
5	7177					7147					7182				
8	7153					7116					7153				
11	7117					7079					7108				
14	7065					7027					7060				
16	6950					6915					6946				
18	6851					6819					6842				
19	6838					6805					6822				
21	6546					6504					6558				
22	6423														
24	6325					6339					6438				

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				Brake											
	Left		Right		Left		Right		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	
	Nom.					Nom.					Nom.					
2	7360					8053										3
5	7308					7718										5
8	7272					7565										8
11	7211					7421										10
14	7161					7272										12
						7269										14
						7130										17
						7016										19
						7006										22

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



# Line Check Sheet for Paragliders

# Piece Check

Glider Type: XB44 Makalu 4 L (EN B)	Serial No.:
Rev. No.: 5	Date: 13.01.2016

### Line lengths [mm]

R. No.	Area														
	A				B				C						
	Left		Right		Left		Right		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
	Nom.					Nom.					Nom.				
2	7535					7506					7543				
5	7487					7455					7493				
8	7463					7424					7464				
11	7426					7387					7417				
14	7372					7333					7368				
16	7253					7217					7250				
18	7150					7116					7141				
19	7135					7100					7119				
21	6832					6789					6844				
22	6705														
24	6603					6617					6717				

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				Brake											
	Left		Right		Left		Right		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	
	Nom.					Nom.					Nom.					
2	7676					8382										3
5	7624					8035										5
8	7588					7879										8
11	7525					7728										10
14	7473					7574										12
						7572										14
						7429										17
						7311										19
						7301										22

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

