

Line Check Sheet for Paragliders

Piece Check

Glider Type: XA64 Mana 18	Serial No.:
Rev. No.: 5	Date: 04.06.2019

Line lengths [mm]

R. No.	Area A										Area B										Area C												
	Nom.	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	+10 mm	+20 mm	-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
2	5684											5630											5683										
3	5630											5573											5625										
4	5627											5568											5617										
5	5673											5614											5658										
7	5640											5601											5672										
8	5592											5551											5620										
9	5585											5544											5610										
10	5618											5578											5639										
12	5522											5480											5507										
13	5436											5396											5423										
14	5374											5339											5365										
15	5324											5291											5318										
17	5088																																
18	4985											4992											5086										

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.	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	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	5769											6386											3
3	5714											6193											5
4	5706											6064											7
5	5744											5885											9
7	5740											5916											11
8	5686											5828											13
9	5669											5731											15
10	5687											5708											17
12	5575																						
13	5481																						
14	5410																						

brakes measured inkl. 10cm-loop

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

Single Line Lengths

Glider Type: XA64 Mana 18
Rev. No.: 5

Serial No.:
Date: 04.06.2019

Line no.	Quantity	Length [mm]	material	colour
a1	2	1397	8000U-090	Red
a2	2	1343	8000U-090	Red
a3	2	1340	8000U-090	Red
a4	2	1386	8000U-090	Red
a5	2	1353	8000U-090	Red
a6	2	1305	8000U-090	Red
a7	2	1298	8000U-090	Red
a8	2	1331	8000U-090	Red
a9	2	1235	8000U-090	Red
a10	2	1149	8000U-070	Red
a11	2	1087	8000U-070	Red
a12	2	1037	8000U-070	Red
a13	2	1192	8000U-070	Red
AI	2	4287	7950-200	Red
AII	2	4287	7950-200	Red
AIII	2	4287	7950-150	Green
b1	2	1343	8000U-090	Red
b2	2	1286	8000U-090	Red
b3	2	1281	8000U-090	Red
b4	2	1327	8000U-090	Red
b5	2	1314	8000U-090	Red
b6	2	1264	8000U-090	Red
b7	2	1257	8000U-090	Red
b8	2	1291	8000U-090	Red
b9	2	1193	8000U-090	Red
b10	2	1109	8000U-070	Red
b11	2	1052	8000U-070	Red
b12	2	1004	8000U-070	Red
BI	2	4287	7950-200	Blue
BII	2	4287	7950-200	Blue
BIII	2	4287	7950-150	Blue
c1	2	1396	8000U-090	Red
c2	2	1338	8000U-090	Red
c3	2	1330	8000U-090	Red
c4	2	1371	8000U-090	Red
c5	2	1385	8000U-090	Red
c6	2	1333	8000U-090	Red
c7	2	1323	8000U-090	Red
c8	2	1352	8000U-090	Red
c9	2	1225	8000U-090	Red
c10	2	1141	8000U-070	Red
c11	2	1083	8000U-070	Red
c12	2	1036	8000U-070	Red
CI	2	4297	7950-200	Yellow
CII	2	4297	7950-200	Yellow
CIII	2	4287	7950-150	Yellow

Line no.	Quantity	Length [mm]	material	colour
d1	2	1482	8000U-070	Red
d2	2	1427	8000U-070	Red
d3	2	1419	8000U-070	Red
d4	2	1457	8000U-070	Red
d5	2	1453	8000U-070	Red
d7	2	1399	8000U-070	Red
d6	2	1382	8000U-070	Red
d8	2	1400	8000U-070	Red
d9	2	1293	8000U-070	Red
d10	2	1199	8000U-070	Red
d11	2	1128	8000U-070	Red
st1	2	1089	8000U-090	Red
st2	2	1096	8000U-090	Red
st3	2	1190	8000U-090	Red
STI	2	3896	7950-100	Fluored

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1146	8000U-050	Red
br2	2	953	8000U-050	Red
br3	2	1331	8000U-050	Red
br4	2	1152	8000U-050	Red
br5	2	1183	8000U-050	Red
br6	2	1095	8000U-050	Red
br7	2	998	8000U-050	Red
br8	2	975	8000U-050	Red
BR1	2	2540	8000U-090	Red
BR2	2	2033	8000U-090	Red
BR3	2	2033	8000U-090	Red
BRmain	2	2610	989/2,1	Pink

Line material:

Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 7950-100
Edelrid 7950-150
Edelrid 7950-200
Cousin 989/2,1

total length	no. of lines
250898	146

Line Check Sheet for Paragliders

Piece Check

Glider Type: XA64 Mana 21	Serial No.:
Rev. No.: 3	Date: 04.06.2019

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	6181										6124												6192							
3	6127										6066													6132						
4	6124										6062													6124						
5	6171										6109													6168						
7	6150										6103													6165						
8	6103										6047													6113						
9	6096										6041													6100						
10	6127										6073													6130						
12	6019										5977													5999						
13	5927										5886													5909						
14	5861										5823													5846						
15	5802										5769													5788						
17	5537																													
18	5431										5433													5529						

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	6289										6898													3
3	6233										6680													5
4	6222										6546													7
5	6263										6358													9
7	6262										6392													11
8	6205										6300													13
9	6188										6200													15
10	6204										6168													17
12	6078																							
13	5974																							
14	5900																							

brakes measured inkl. 10cm-loop

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

Single Line Lengths

Glider Type: XA64 Mana 21
Rev. No.: 3

Serial No.:
Date: 04.06.2019

Line no.	Quantity	Length [mm]	material	colour
a1	2	1548	8000U-090	Red
a2	2	1492	8000U-090	Red
a3	2	1490	8000U-090	Red
a4	2	1539	8000U-090	Red
a5	2	1515	8000U-090	Red
a6	2	1465	8000U-090	Red
a7	2	1459	8000U-090	Red
a8	2	1493	8000U-090	Red
a9	2	1384	8000U-090	Red
a10	2	1291	8000U-070	Red
a11	2	1224	8000U-070	Red
a12	2	1168	8000U-070	Red
a13	2	1330	8000U-070	Red
AI	2	4646	7950-200	Red
AII	2	4646	7950-200	Red
AIII	2	4646	7950-150	Green
b1	2	1491	8000U-090	Red
b2	2	1432	8000U-090	Red
b3	2	1428	8000U-090	Red
b4	2	1477	8000U-090	Red
b5	2	1461	8000U-090	Red
b6	2	1408	8000U-090	Red
b7	2	1402	8000U-090	Red
b8	2	1437	8000U-090	Red
b9	2	1342	8000U-090	Red
b10	2	1252	8000U-070	Red
b11	2	1190	8000U-070	Red
b12	2	1136	8000U-070	Red
BI	2	4646	7950-200	Blue
BII	2	4646	7950-200	Blue
BIII	2	4646	7950-150	Blue
c1	2	1549	8000U-090	Red
c2	2	1488	8000U-090	Red
c3	2	1481	8000U-090	Red
c4	2	1525	8000U-090	Red
c5	2	1523	8000U-090	Red
c6	2	1469	8000U-090	Red
c7	2	1459	8000U-090	Red
c8	2	1489	8000U-090	Red
c9	2	1374	8000U-090	Red
c10	2	1284	8000U-070	Red
c11	2	1220	8000U-070	Red
c12	2	1166	8000U-070	Red
CI	2	4666	7950-200	Yellow
CII	2	4666	7950-200	Yellow
CIII	2	4646	7950-150	Yellow

Line no.	Quantity	Length [mm]	material	colour
d1	2	1646	8000U-070	Red
d2	2	1589	8000U-070	Red
d3	2	1581	8000U-070	Red
d4	2	1621	8000U-070	Red
d5	2	1619	8000U-070	Red
d7	2	1562	8000U-070	Red
d6	2	1544	8000U-070	Red
d8	2	1563	8000U-070	Red
d9	2	1451	8000U-070	Red
d10	2	1350	8000U-070	Red
d11	2	1273	8000U-070	Red
st1	2	1222	8000U-090	Red
st2	2	1225	8000U-090	Red
st3	2	1323	8000U-090	Red
STI	2	4223	7950-100	Fluored

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1248	8000U-050	Red
br2	2	1033	8000U-050	Red
br3	2	1449	8000U-050	Red
br4	2	1260	8000U-050	Red
br5	2	1295	8000U-050	Red
br6	2	1203	8000U-050	Red
br7	2	1100	8000U-050	Red
br8	2	1074	8000U-050	Red
BR1	2	2753	8000U-090	Red
BR2	2	2203	8000U-090	Red
BR3	2	2203	8000U-090	Red
BRmain	2	2823	989/2,1	Pink

Line material:

Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 7950-100
Edelrid 7950-150
Edelrid 7950-200
Cousin 989/2,1

total length	no. of lines
276342	146

Line Check Sheet for Paragliders

Piece Check

Glider Type: XA64 Mana 23	Serial No.:
Rev. No.: 3	Date: 04.06.2019

Line lengths [mm]

R. No.	Area A										Area B										Area C													
	Nom.	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	+10 mm	+20 mm	-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	
2	6541											6484												6554										
3	6486											6424												6494										
4	6484											6421												6484										
5	6533											6470												6530										
7	6511											6460												6530										
8	6460											6406												6473										
9	6453											6401												6461										
10	6487											6434												6490										
12	6379											6334												6360										
13	6282											6240												6263										
14	6209											6174												6195										
15	6150											6115												6135										
17	5867																																	
18	5754											5756												5856										

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.	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	+10 mm	+20 mm	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	6657											7253											3
3	6598											7019											5
4	6590											6884											7
5	6633											6686											9
7	6631											6725											11
8	6571											6628											13
9	6551											6523											15
10	6570											6492											17
12	6438																						
13	6331																						
14	6249																						

brakes measured inkl. 10cm-loop

Loops on Quick link		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: XA64 Mana 23
Rev. No.: 3

Serial No.:
Date: 04.06.2019

Line no.	Quantity	Length [mm]	material	colour
a1	2	1654	8000U-090	Red
a2	2	1597	8000U-090	Red
a3	2	1595	8000U-090	Red
a4	2	1647	8000U-090	Red
a5	2	1623	8000U-090	Red
a6	2	1573	8000U-090	Red
a7	2	1566	8000U-090	Red
a8	2	1601	8000U-090	Red
a9	2	1486	8000U-090	Red
a10	2	1389	8000U-070	Red
a11	2	1318	8000U-070	Red
a12	2	1257	8000U-070	Red
a13	2	1427	8000U-070	Red
AI	2	4899	7950-200	Red
AII	2	4899	7950-200	Red
AIII	2	4899	7950-150	Green
b1	2	1595	8000U-090	Red
b2	2	1534	8000U-090	Red
b3	2	1531	8000U-090	Red
b4	2	1583	8000U-090	Red
b5	2	1571	8000U-090	Red
b6	2	1517	8000U-090	Red
b7	2	1510	8000U-090	Red
b8	2	1546	8000U-090	Red
b9	2	1443	8000U-090	Red
b10	2	1350	8000U-070	Red
b11	2	1284	8000U-070	Red
b12	2	1225	8000U-070	Red
BI	2	4899	7950-200	Blue
BII	2	4899	7950-200	Blue
BIII	2	4899	7950-150	Blue
c1	2	1659	8000U-090	Red
c2	2	1597	8000U-090	Red
c3	2	1590	8000U-090	Red
c4	2	1636	8000U-090	Red
c5	2	1631	8000U-090	Red
c6	2	1576	8000U-090	Red
c7	2	1565	8000U-090	Red
c8	2	1596	8000U-090	Red
c9	2	1480	8000U-090	Red
c10	2	1385	8000U-070	Red
c11	2	1317	8000U-070	Red
c12	2	1258	8000U-070	Red
CI	2	4919	7950-200	Yellow
CII	2	4919	7950-200	Yellow
CIII	2	4899	7950-150	Yellow

Line no.	Quantity	Length [mm]	material	colour
d1	2	1761	8000U-070	Red
d2	2	1702	8000U-070	Red
d3	2	1694	8000U-070	Red
d4	2	1737	8000U-070	Red
d5	2	1732	8000U-070	Red
d7	2	1673	8000U-070	Red
d6	2	1654	8000U-070	Red
d8	2	1673	8000U-070	Red
d9	2	1559	8000U-070	Red
d10	2	1453	8000U-070	Red
d11	2	1371	8000U-070	Red
st1	2	1315	8000U-090	Red
st2	2	1317	8000U-090	Red
st3	2	1417	8000U-090	Red
STI	2	4453	7950-100	Fluored

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1320	8000U-050	Red
br2	2	1089	8000U-050	Red
br3	2	1533	8000U-050	Red
br4	2	1336	8000U-050	Red
br5	2	1374	8000U-050	Red
br6	2	1278	8000U-050	Red
br7	2	1171	8000U-050	Red
br8	2	1143	8000U-050	Red
BR1	2	2903	8000U-090	Red
BR2	2	2323	8000U-090	Red
BR3	2	2323	8000U-090	Red
BRmain	2	2963	989/2,1	Pink

Line material:

Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 7950-100
Edelrid 7950-150
Edelrid 7950-200
Cousin 989/2,1

total length	no. of lines
294220	146

Line Check Sheet for Paragliders

Piece Check

Glider Type: XA64 Mana 25	Serial No.:
Rev. No.: 3	Date: 04.06.2019

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	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	6874										6809												6886											
3	6817										6751													6824										
4	6816										6749													6817										
5	6866										6799													6864										
7	6848										6785													6856										
8	6798										6733													6799										
9	6791										6727													6787										
10	6823										6761													6816										
12	6706										6656													6684										
13	6606										6562													6585										
14	6533										6493													6516										
15	6465										6430													6449										
17	6167																																	
18	6053										6051													6154										

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	6993										7601												3
3	6932										7355												5
4	6924										7214												7
5	6965										7010												9
7	6963										7048												11
8	6904										6953												13
9	6885										6843												15
10	6899										6810												17
12	6763																						
13	6655																						
14	6570																						

brakes measured inkl. 10cm-loop

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

Single Line Lengths

Glider Type: XA64 Mana 25
Rev. No.: 3

Serial No.:
Date: 04.06.2019

Line no.	Quantity	Length [mm]	material	colour
a1	2	1748	8000U-090	Red
a2	2	1690	8000U-090	Red
a3	2	1689	8000U-090	Red
a4	2	1743	8000U-090	Red
a5	2	1725	8000U-090	Red
a6	2	1673	8000U-090	Red
a7	2	1666	8000U-090	Red
a8	2	1702	8000U-090	Red
a9	2	1580	8000U-090	Red
a10	2	1480	8000U-070	Red
a11	2	1406	8000U-070	Red
a12	2	1340	8000U-070	Red
a13	2	1514	8000U-070	Red
AI	2	5126	7950-200	Red
AII	2	5126	7950-200	Red
AIII	2	5126	7950-150	Green
b1	2	1690	8000U-090	Red
b2	2	1627	8000U-090	Red
b3	2	1624	8000U-090	Red
b4	2	1678	8000U-090	Red
b5	2	1665	8000U-090	Red
b6	2	1610	8000U-090	Red
b7	2	1603	8000U-090	Red
b8	2	1640	8000U-090	Red
b9	2	1534	8000U-090	Red
b10	2	1437	8000U-070	Red
b11	2	1368	8000U-070	Red
b12	2	1305	8000U-070	Red
BI	2	5126	7950-200	Blue
BII	2	5126	7950-200	Blue
BIII	2	5126	7950-150	Blue
c1	2	1752	8000U-090	Red
c2	2	1689	8000U-090	Red
c3	2	1682	8000U-090	Red
c4	2	1730	8000U-090	Red
c5	2	1722	8000U-090	Red
c6	2	1666	8000U-090	Red
c7	2	1655	8000U-090	Red
c8	2	1686	8000U-090	Red
c9	2	1570	8000U-090	Red
c10	2	1471	8000U-070	Red
c11	2	1400	8000U-070	Red
c12	2	1336	8000U-070	Red
CI	2	5146	7950-200	Yellow
CII	2	5146	7950-200	Yellow
CIII	2	5126	7950-150	Yellow

Line no.	Quantity	Length [mm]	material	colour
d1	2	1857	8000U-070	Red
d2	2	1797	8000U-070	Red
d3	2	1789	8000U-070	Red
d4	2	1833	8000U-070	Red
d5	2	1828	8000U-070	Red
d7	2	1768	8000U-070	Red
d6	2	1749	8000U-070	Red
d8	2	1767	8000U-070	Red
d9	2	1649	8000U-070	Red
d10	2	1539	8000U-070	Red
d11	2	1453	8000U-070	Red
st1	2	1398	8000U-090	Red
st2	2	1399	8000U-090	Red
st3	2	1501	8000U-090	Red
STI	2	4658	7950-100	Fluored

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1385	8000U-050	Red
br2	2	1139	8000U-050	Red
br3	2	1608	8000U-050	Red
br4	2	1403	8000U-050	Red
br5	2	1444	8000U-050	Red
br6	2	1346	8000U-050	Red
br7	2	1235	8000U-050	Red
br8	2	1205	8000U-050	Red
BR1	2	3037	8000U-090	Red
BR2	2	2430	8000U-090	Red
BR3	2	2430	8000U-090	Red
BRmain	2	3097	989/2,1	Pink

Line material:

Edelrid 8000U-050
Edelrid 8000U-070
Edelrid 8000U-090
Edelrid 7950-100
Edelrid 7950-150
Edelrid 7950-200
Cousin 989/2,1

total length	no. of lines
310028	146

Line Check Sheet for Paragliders

Piece Check

Glider Type: XA64 Mana 27 (EN A)	Serial No.:
Rev. No.: 3	Date: 04.06.2019

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	-20 mm	-10 mm	0 mm	+10 mm	+20 mm	
2	7101										7038												7114											
3	7039										6971													7051										
4	7036										6968													7038										
5	7091										7022													7087										
7	7071										7009													7080										
8	7018										6949													7018										
9	7010										6943													7006										
10	7046										6982													7041										
12	6920										6872													6900										
13	6817										6772													6798										
14	6740										6700													6722										
15	6673										6634													6658										
17	6358																																	
18	6240										6243													6349										

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	7224										7877												3
3	7158										7616												5
4	7150										7475												7
5	7194										7263												9
7	7191										7306												11
8	7124										7207												13
9	7101										7092												15
10	7123										7057												17
12	6986																						
13	6870																						
14	6780																						

brakes measured inkl. 10cm-loop

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

Single Line Lengths

Glider Type: XA64 Mana 27 (EN A)
Rev. No.: 3

Serial No.:
Date: 04.06.2019

Line no.	Quantity	Length [mm]	material	colour
a1	2	1787	8000U-090	Red
a2	2	1724	8000U-090	Red
a3	2	1722	8000U-090	Red
a4	2	1778	8000U-090	Red
a5	2	1758	8000U-090	Red
a6	2	1703	8000U-090	Red
a7	2	1696	8000U-090	Red
a8	2	1734	8000U-090	Red
a9	2	1605	8000U-090	Red
a10	2	1500	8000U-070	Red
a11	2	1423	8000U-070	Red
a12	2	1357	8000U-070	Red
a13	2	1534	8000U-070	Red
AI	2	5325	7950-200	Red
AII	2	5325	7950-200	Red
AIII	2	5325	7950-150	Green
b1	2	1725	8000U-090	Red
b2	2	1658	8000U-090	Red
b3	2	1654	8000U-090	Red
b4	2	1710	8000U-090	Red
b5	2	1696	8000U-090	Red
b6	2	1637	8000U-090	Red
b7	2	1630	8000U-090	Red
b8	2	1670	8000U-090	Red
b9	2	1560	8000U-090	Red
b10	2	1458	8000U-070	Red
b11	2	1386	8000U-070	Red
b12	2	1323	8000U-070	Red
BI	2	5325	7950-200	Blue
BII	2	5325	7950-200	Blue
BIII	2	5325	7950-150	Blue
c1	2	1793	8000U-090	Red
c2	2	1725	8000U-090	Red
c3	2	1717	8000U-090	Red
c4	2	1767	8000U-090	Red
c5	2	1759	8000U-090	Red
c6	2	1698	8000U-090	Red
c7	2	1686	8000U-090	Red
c8	2	1720	8000U-090	Red
c9	2	1598	8000U-090	Red
c10	2	1495	8000U-070	Red
c11	2	1421	8000U-070	Red
c12	2	1357	8000U-070	Red
CI	2	5345	7950-200	Yellow
CII	2	5345	7950-200	Yellow
CIII	2	5325	7950-150	Yellow

Line no.	Quantity	Length [mm]	material	colour
d1	2	1901	8000U-070	Red
d2	2	1837	8000U-070	Red
d3	2	1828	8000U-070	Red
d4	2	1874	8000U-070	Red
d5	2	1866	8000U-070	Red
d7	2	1801	8000U-070	Red
d6	2	1781	8000U-070	Red
d8	2	1801	8000U-070	Red
d9	2	1682	8000U-070	Red
d10	2	1567	8000U-070	Red
d11	2	1477	8000U-070	Red
st1	2	1414	8000U-090	Red
st2	2	1416	8000U-090	Red
st3	2	1525	8000U-090	Red
STI	2	4840	7950-100	Fluored

Brake no.	Quantity	Length [mm]	material	colour
br1	2	1443	8000U-050	Red
br2	2	1183	8000U-050	Red
br3	2	1674	8000U-050	Red
br4	2	1463	8000U-050	Red
br5	2	1506	8000U-050	Red
br6	2	1406	8000U-050	Red
br7	2	1292	8000U-050	Red
br8	2	1260	8000U-050	Red
BR1	2	3156	8000U-090	Red
BR2	2	2525	8000U-090	Red
BR3	2	2525	8000U-090	Red
BRmain	2	3206	989/2,1	Pink

Line material:

Edelrid 6480D-090
Edelrid 7950-100
Edelrid 7950-150
Edelrid 7950-200
Cousin 989/1,1
Cousin 989/1,3
Cousin 989/2,1

total length	no. of lines
318756	146