

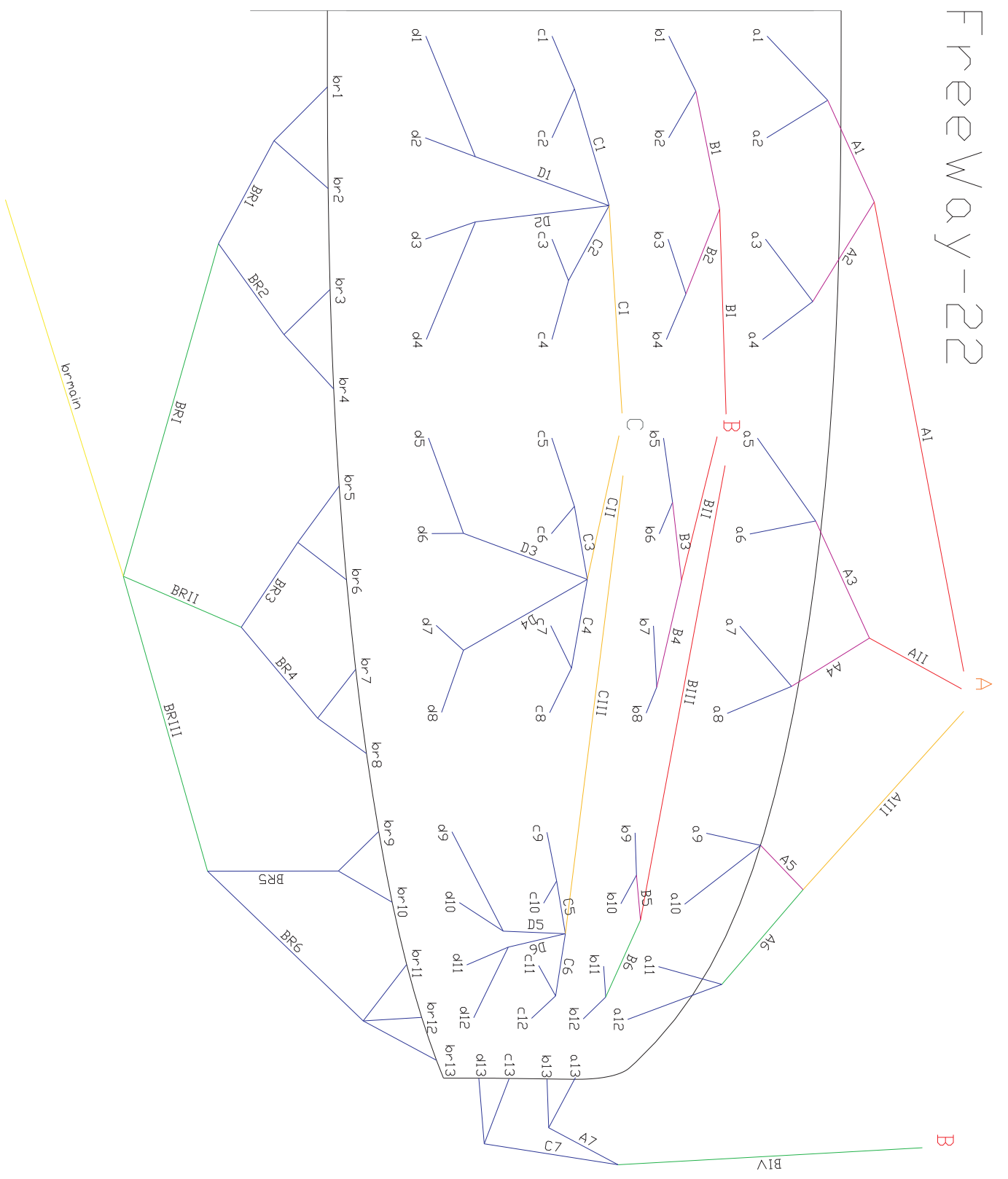
DUDEK
paragliders

FreeWay 

TECHNICAL DATA

FreeWay	19,5	22
Certification	-	EN D
	-	LTF D
Number of cells	51	53
Surface area (flat) [m ²]	19,50	22,00
Surface area (projected) [m ²]	17,03	19,21
Span (flat) [m]	10,23	10,95
Span (projected) [m]	8,58	9,18
Aspect Ratio (flat)	5,37	5,45
Aspect Ratio (projected)	4,32	4,39
Max. cord [cm]	228,09	240,51
Min. cord [cm]	61,58	64,93
Distance pilot to wing [m]	6,85	7,20
Total line length [m]	308,15	326,03
Weight range [kg]	50-80	55-100
Weight [kg]	5,4	5,9
Lines	Technora: 1,2 & 1,3 & 1,5 & 1,8 & 2,3	
Fabric	Dominico tex 38 g/m ²	
	Dominico tex 41 g/m ²	
	Dominico tex Hard 41 g/m ²	
	SR Scrim, SR Laminate 180 g/m ²	
Risers	PASAMON - Bydgoszcz, Polska	

FreeWay-22



Lining scheme

Length of the lines

FreeWay - 19,5

The tables / Tables / Tabele:

The individual lengths and type of line

La longueur et le type de chaque ligne

Długości i rodzaj poszczególnych linek

	a	b	c	d	br
1	1339	1323	1327	1393	1263
2	1255	1237	1239	1310	1062
3	1259	1240	1243	1314	1065
4	1273	1255	1257	1324	1057
5	1054	1037	1039	1100	1104
6	970	955	954	1012	1015
7	975	959	959	1019	1007
8	969	955	952	1000	998
9	1095	1073	1073	1131	992
10	999	985	982	1029	951
11	803	790	788	827	948
12	784	774	763	785	961
13	572	557	558	588	

The total lengths

Longueur des suspentes

Sumaryczna długość linek

	a	b	c	d	br
1	6218	6129	6187	6323	6731
2	6133	6043	6099	6239	6530
3	6105	6014	6069	6210	6414
4	6119	6029	6083	6221	6407
5	6087	5987	6039	6161	6305
6	6003	5905	5955	6073	6217
7	5950	5854	5901	6012	6111
8	5944	5849	5894	5994	6101
9	5826	5731	5769	5866	6027
10	5730	5643	5678	5764	5986
11	5666	5585	5615	5686	5972
12	5648	5569	5590	5645	5985
13	5574	5558	5568	5598	6048

	A	B	C	D	BR
1	1550	1528	1532	1602	1150
2	1518	1496	1498	1569	1032
3	1482	1457	1459	1519	1037
4	1424	1402	1400	1452	939
5	1038	1020	1019	1057	960
6	1170	1156	1149	1182	949
7	560		568		

Technora 7343-090-005:



Technora 7343-140-006:



Technora 7343-190-024:



Technora 7343-280-011:



Technora 7343-280-018:



Technora 7343-420-041:



	A	B	C	D	BR
I	3358	3308	3358		2133
II	3581	3523	3572		1980
III	3723	3668	3708		1890
IV		4467			

brmain 2220

Total suspension lines length, measured from the lower surface of the canopy to the inside edge of the maillon (tolerancy +/- 10 mm)

Length of the lines

FreeWay - 22

The tables / Tables / Tabele:

The individual lengths and type of line

La longueur et le type de chaque ligne

Długości i rodzaj poszczególnych linek

	a	b	c	d	br
1	1411	1402	1404	1460	1381
2	1327	1317	1318	1377	1155
3	1331	1321	1322	1381	1131
4	1347	1337	1338	1394	1126
5	1114	1105	1106	1157	1161
6	1029	1022	1021	1068	1076
7	1038	1030	1029	1078	1073
8	1026	1020	1017	1057	1030
9	1143	1131	1131	1179	1078
10	1056	1051	1047	1085	1039
11	848	844	841	873	1039
12	834	831	817	836	1049
13	607	591	593	624	1099

The total lengths

Longueur des suspentes

Sumaryczna długość linek

	a	b	c	d	br
1	6574	6472	6530	6692	7181
2	6490	6387	6444	6609	6956
3	6463	6360	6415	6581	6843
4	6480	6376	6431	6594	6838
5	6448	6345	6400	6559	6743
6	6363	6262	6314	6471	6658
7	6313	6214	6264	6414	6619
8	6301	6204	6252	6393	6585
9	6155	6059	6100	6212	6479
10	6068	5980	6016	6118	6439
11	6007	5925	5954	6044	6429
12	5993	5912	5931	6007	6439
13	5924	5908	5918	5949	6490

	A	B	C	D	BR
1	1638	1626	1628	1734	1189
2	1608	1595	1596	1702	1100
3	1571	1558	1558	1667	1095
4	1512	1503	1499	1601	1059
5	1096	1087	1086	1150	1046
6	1242	1239	1230	1289	1035
7	595		603		

	A	B	C	D	BR
I	3555	3473	3528		2237
II	3793	3711	3765		2111
III	3947	3872	3913		1970
IV		4742			

brmain 2400

Technora 7343-090-005:



Technora 7343-140-006:



Technora 7343-190-024:



Technora 7343-280-011:



Technora 7343-280-018:

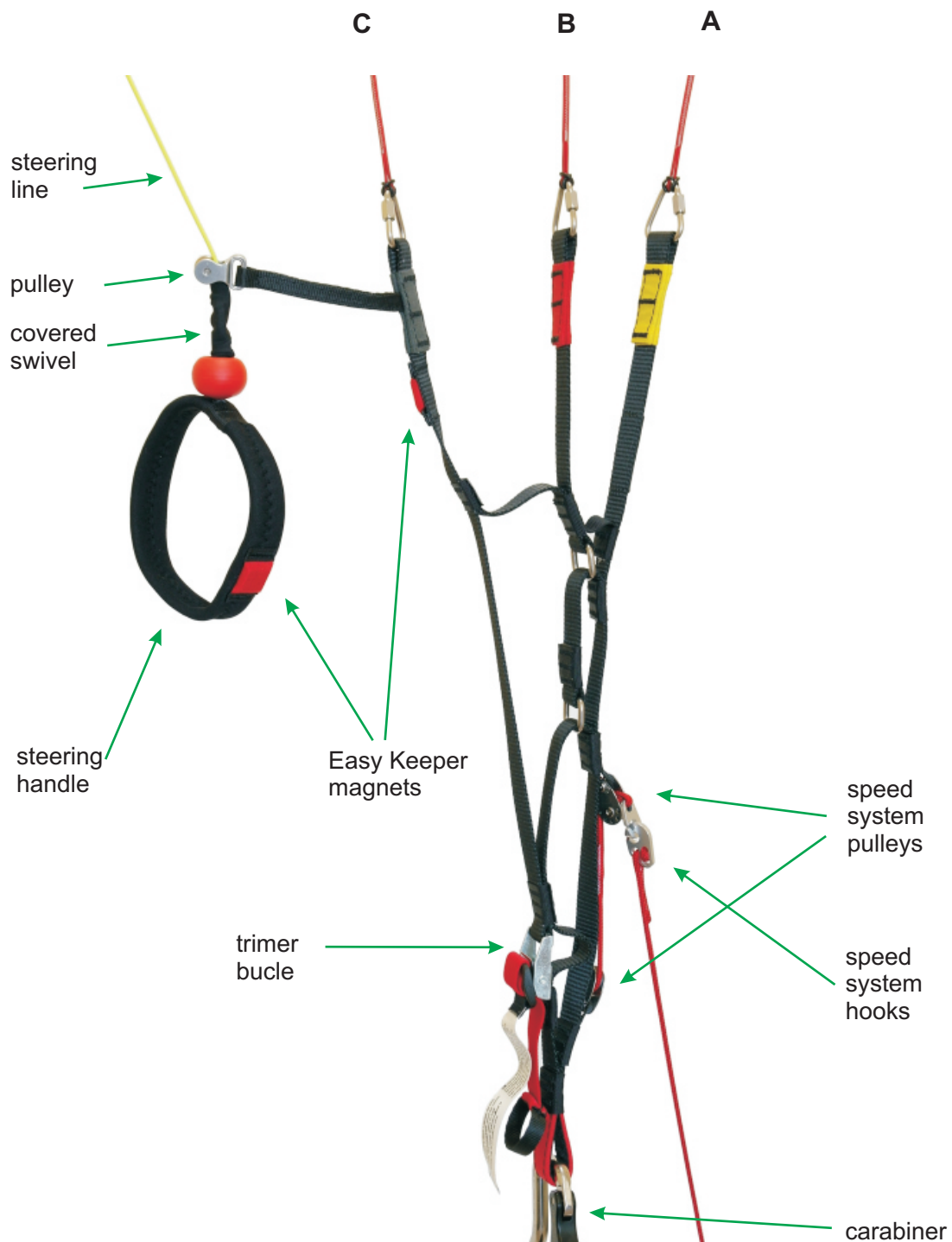


Technora 7343-420-041:



Total suspension lines length, measured from the lower surface of the canopy to the inside edge of the maillon (tolerancy +/- 10 mm)

FreeWay risers



Other informations:

- number of risers: 3
- trimmers: Closed

Speed system influence on the aerofoil

Trim speed

Slowest speed, minimum sink.
Take-off setting

All risers neutral at
580 mm length



Full speed

Increased speed and sink

speed system:
A - 480
B - 500
C - 580

