



Line and Riser measurements report for flight test glider

Report number: **PG_1453.2019**
 Manufacturer: **Apco Aviation**

Sample name: **Hybrid Tandem 35**
 S/N: **PRO 0224**

Total line length include riser and carabiner/connect [mm]

		A	B	C	D	E	Stab	Brakes
Center	1	7968	7960	8057	8059	8204	6919	8304
	2	7890	7879	7823	7827	7979	6953	8077
	3	7786	7782	7740	7743	7895	6970	7854
	4	7760	7761	7731	7737	7881		7757
	5	7772	7770	7673	7673	7843		7675
	6	7795	7798	7627	7626	7786		7701
	7	7640	7643	7646	7645	7809		7567
	8	7593	7590	7657	7657	7786		7421
	9	7505	7502	7663	7663	7767		7444
	10	7474	7472	7719	7718	7770		7321
	11	7420	7377	7642	7642	7783		7265
	12	7405	7361	7560	7559	7714		7233
	13	7241	7243	7551	7549			
	14	7012	7041	7520	7519			
	15			7467	7469			
	16			7487	7484			
	17			7444	7446			
	18			7410	7409			
	19			7431	7432			
	20			7260	7261			
	21			7170	7169			
	22			7090	7092			
	23			7005	7092			
Wing tip	24			6962	7033			

Measure total riser length with no carabiners/connect [mm]

Risers	Closed	Acc
A	420	420
A'	422	422
B	417	441
C	421	498
D		
Acc	n/a	*[mm]
Trimmer	80	[mm]

*Travel range (distance between A and rear riser)