

The Loft  
The Loft Old Chapel Church Hill Newhaven, BN9 9LN

Rick Ford



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# Test report

Paraglider	Advance XI 25 Serial-No.: 8167P 78539
Check	Trim optimization
Rating	-
Comment	-
Checker	Mike Millwood (The Loft)

Attention

A service has been performed on your glider. It is therefore necessary that you test inflate your glider and check it before flying!



Your glider has been checked with WingSolution, use the QR code to access your check online. With a WingSolution account you can view and manage all your checks and packing records.

Check it out: [www.wing-solution.de](http://www.wing-solution.de)

# TRIM

Entry state

		Left				Right				
ST	4	3	2	1		1	2	3	4	ST
		SL	SL	SL	A	SL	SL	SL		
DL			SL	SL	B	SL	SL			DL
			SL	SL	C	SL	SL			
					D					

Output status

		Left				Right				
ST	4	3	2	1		1	2	3	4	ST
		SL	SL	SL	A	SL	SL	SL		
DL			SL	SL	B	SL	SL			DL
			SL	SL	C	SL	SL			
					D					

The colored loops have been changed compared to the initial state.

brake lines

The left steering line was by -9 mm shortened .

The right steering lines were by 0 mm changed .

## LINE LENGTH- LEFT SIDE

A Lines			ST Lines			B Lines			C Lines			D Lines			BR Lines		
Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff
7458	7455	-3	6715	6719	4	7368	7368	0	7488	7492	4	7624	7626	2	7706	7718	12
7425	7425	0	6705	6704	-1	7332	7331	-1	7447	7448	1	7587	7594	7	7369	7379	10
7385	7383	-2	6791	6793	2	7296	7295	-1	7409	7412	3	7545	7552	7	7261	7271	10
7403	7402	-1	6653	6651	-2	7316	7315	-1	7432	7435	3	7565	7570	5	7230	7237	7
7352	7349	-3	6706	6711	5	7309	7308	-1	7428	7434	6	Average: 5.0		7156	7171	15	
7323	7320	-3	6753	6751	-2	7274	7275	1	7383	7388	5	Tolerance: (-10, 10)		7034	7048	14	
7290	7288	-2	Average: 1.0		7220	7225	5	7324	7329	5			6995	7006	11		
7307	7303	-4	Tolerance: (-15, 10)		7230	7229	-1	7334	7336	2			7084	7095	11		
7235	7232	-3			7168	7166	-2	7266	7270	4			6897	6908	11		
7165	7166	1			7110	7112	2	7200	7201	1			6842	6854	12		
7167	7167	0			7121	7119	-2	7200	7204	4			6780	6790	10		
7061	7059	-2			7059	7057	-2	7137	7139	2			6790	6803	13		
7016	7015	-1			7031	7028	-3	7120	7121	1			Average: 11.0				
7027	7025	-2			7051	7049	-2	7142	7142	0			Tolerance: (-10, 15)				
Average: -2.0						Average: -1.0			Average: 3.0								
Tolerance: (-10, 10)						Tolerance: (-10, 10)			Tolerance: (-10, 10)								

## LINE LENGTH RIGHT SIDE

A Lines			ST Lines			B Lines			C Lines			D Lines			BR Lines		
Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff	Setpoint	Actual value	Diff
7458	7462	4	6715	6717	2	7368	7369	1	7488	7491	3	7624	7626	2	7706	7712	6
7425	7428	3	6705	6703	-2	7332	7330	-2	7447	7448	1	7587	7588	1	7369	7379	10
7385	7384	-1	6791	6788	-3	7296	7298	2	7409	7410	1	7545	7549	4	7261	7268	7
7403	7401	-2	6653	6650	-3	7316	7314	-2	7432	7430	-2	7565	7568	3	7230	7238	8
7352	7352	0	6706	6704	-2	7309	7308	-1	7428	7432	4	Average: 2.0		7156	7165	9	
7323	7327	4	6753	6753	0	7274	7271	-3	7383	7388	5	Tolerance: (-10, 10)		7034	7038	4	
7290	7289	-1	Average: -1.0		7220	7221	1	7324	7329	5			6995	7002	7		
7307	7309	2	Tolerance: (-15, 10)		7230	7233	3	7334	7337	3			7084	7091	7		
7235	7234	-1			7168	7167	-1	7266	7270	4			6897	6912	15		
7165	7164	-1			7110	7108	-2	7200	7201	1			6842	6855	13		
7167	7165	-2			7121	7122	1	7200	7203	3			6780	6792	12		
7061	7058	-3			7059	7057	-2	7137	7137	0			6790	6801	11		
7016	7014	-2			7031	7031	0	7120	7118	-2			Average: 9.0				
7027	7026	-1			7051	7050	-1	7142	7146	4			Tolerance: (-10, 15)				
Average: -0.0						Average: -0.0			Average: 2.0								
Tolerance: (-10, 10)						Tolerance: (-10, 10)			Tolerance: (-10, 10)								