EVEKTOR-AEROTECHNIK a.s.
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Date of the test	Aerotow aeroplane model	Aerotow aeroplane registration	Aerotow aeroplane S/N	Aerotow aeroplane TOW [kg]	Aerotow aeroplane crew [persons]	Glider type	Glider Registration	Glider TOW [kg]	RWY type	T/O distance	Glider take-off at [m]	T/O time LCT	Landing time	Flight duration [min]	Air pressure QNH [hPa]	Air temperature QMU [°C]	Duration of climb to glider release [min]	Release at altitude [ft ISA]	Average rate of climb during aerotow ROC [m/s]	ROC >= 1,5 m/s? LTF-UL requirement	Maximum measured oil temperature [°C]	Max.oil temperature reduced to Hot Day [°C]	Max.measured CHT [°C]	Max.CHT reduced to Hot Day [°C]	Altitude [m] reached within 4 minutes	Was the altitude after 4 min. higher than 360 m? LTF-UL requirement	Note	Lift-off speed VLOF IAS [km/h]	Tail (Head) Wind velocity [knots]	Tail (Head) Wind velocity [m/s]	T/O run reduced to no wind condition [m]	Average climbing speed IAS [km/h]	Average climbing speed EAS [km/h]	Climb gradient [°]	Air phase distance to reach 15m height	T/O run + Transition to climb = 1,05* T/O run	T/O distance over 15 m obstacle	Average T/O distance over 15 m obstacle	T/O dist. <= 600m ? LTF-UL requirement
30.5.2004	EV-97	D-MMFA	20031812	490,46	2	ASK 21	D-4625	580	Grass	450	350	11:23	11:58	35	1022	23	5	3200	3,3	YES	124,5	139,5	110	120,5	792,5	YES		65	-6	-1,7	377	112	114,10	5,9	145	396	541	541	YES
30.5.2004	EV-97	D-MMFA	20031812	409,7	1	ASK 21	D-4625	580	Grass	350	300	13:16	13:23	7	1022	24	5	1650	1,7	YES	102	116	110	119,8	396,2	YES		65	-6	-1,7	293	113	114,99	3,0	285	308	593		
30.5.2004	EV-97	D-MMFA	20031812	409,7	1	ASK 21	D-4625	580	Grass	350	300	13:32	13:41	9	1022	24	6	1850	1,6	YES	110	124	112	121,8	426,7	YES		65	-6	-1,7	293	112,5	114,55	2,8	304	308	612	585	YES
30.5.2004	EV-97	D-MMFA	20031812	409,7	1	ASK 21	D-4625	580	Grass	350	300	13:55	14:04	9	1022	24	4,5	1700	1,9	YES	112	126	112	121,8	457,2	YES		65	-6	-1,7	293	111	113,20	3,5	245	308	553		
30.5.2004	EV-97	D-MMFA	20031812	409,7	1	ASK 21	D-4625	580	Grass	350	300	14:33	14:45	12	1021	23	5	1600	1,6	YES	110	125	112	122,5	396,2	YES		65	-6	-1,7	293	104	106,92	3,1	274	308	582		
30.5.2004	EV-97	D-MMFA	20031812	398,9	1	ASK 21	D-4625	580	Grass	400	350	15:09	15:34	25	1020	21	12	3800	1,6	YES	112	129	110	121,9	426,7	YES		65	-6	-1,7	335	104	106,92	3,1	277	352	629	629	NO
31.5.2004	EV-97	D-MMFA	20031812	406,1	1	Duo Discus	D-6490	550	ASPH	350	250	10:25	10:31	6	1017	18	4	1400	1,8	YES	90	110	100	114	426,7	YES		65	-12	-3,3	249	111,25	113,42	3,2	265	262	527	527	YES
31.5.2004	EV-97	D-MMFA	20031812	406,1	1	Duo Discus	D-6490	620	ASPH	380	270	10.43	10.49	6	1017	19	3,5	1500	2,2	YES	98	118	103	117	521,2	YES	release after 3,5 minutes, Altitude after 4 minutes estimated from cooling test data	65	-12	-3,3	271	110	112,30	4,0	214	284	499	499	YES
31.5.2004	EV-97	D-MMFA	20031812	398,9	1	Duo Discus	D-6490	700	ASPH	460	300	11:15	11:27	7	1017	18	4,5	1500	1,7	YES	105	125	110	124	399,3	YES		65	-12	-3,3	328	112,14	114,22	3,1	281	344	625		
31.5.2004	EV-97	D-MMFA	20031812	398,9	1	Duo Discus	D-6490	700	ASPH	450	290	11:37	11:43	7	1017	18	4	1500	1,9	YES	105	125	110	124	457,2	YES		65	-12	-3,3	321	110	112,30	3,5	245	337	582		
31.5.2004	EV-97	D-MMFA	20031812	398,9	1	Duo Discus	D-6490	700	ASPH	470	300	11:55	12:01	6	1017	18	4	1500	1,9	YES	102	122	105	119	457,2	YES		65	-12	-3,3	335	110	112,30	3,5	245	352	597	597	YES
31.5.2004	EV-97	D-MMFA	20031812	398,9	1	Duo Discus	D-6490	700	ASPH	460	300	12:16	12:23	7	1017	18	4	1500	1,9	YES	105	125	108	122	457,2	YES		65	-12	-3,3	328	108,75	111,18	3,5	243	344	587		
31.5.2004	EV-97	D-MMFA	20031812	398,9	1	Duo Discus	D-6490	700	ASPH	460	290	12:32	12:39	7	1017	18	4	1500	1,9	YES	106	126	109	123	457,2	YES		65	-12	-3,3	328	112,5	114,55	3,4	250	344	594		

I_ actual wind velocity in runway direction to be inserted

Elaborated by: Petr Javorský
6.9.2004