

Millennium Cup 2006

For your perusal, the following is a collation of the 2006 Millennium Cup reports that have been published in the HSL club newsletter. Thanks go to Ian Roach who wrote most of these reports. A full listing of all the contestants for each round is also provided and some photographs have been inserted too.

Fred Lodden

On behalf of the Millennium Cup Committee

Millennium Cup - Round 1 Werrington - January 15, 2006

Considering that some people were still away from home on their Summer holidays, twenty two competitors was quite good for this event. Those competing enjoyed very good conditions. The day was quite warm, there was almost no wind, and there were plenty of thermals. Typical Werrington weather in fact.

In years gone by the almost calm conditions, with the wind direction varying round all points of the compass as thermals drifted through, would have created difficulties with launching. However the two pulley method of hand towing overcomes this very effectively and, if you were called upon to launch downwind, you would suffer no serious disadvantage.

It was the landings that caused the most strife. When you consider that we often had a combination of no wind, a slightly sloping field, very short smooth grass, and a fast landing approach following a descent from a good thermal, it is not surprising that long ground slides, and zero landing points, were common. Remember that these two metre models have no flaps or spoilers, and so energy management is much more difficult than it is with a six servo open class model.

My own experience is an example. I was able to score landing points on all but one flight but, on that one, I came in flat and fast, as so many others already had, and put the model on the ground well short of the spot. It was immediately obvious that it would slide past the spot, so I applied full rudder in an attempt to arrest the slide. The model turned through 180 degrees and continued to slide, just as fast, backwards out of the landing circle. Arriving in the long grass at the edge of the field backwards, it damaged the elevator. Fortunately I had a spare model.

Six rounds were flown, with each pilot's best five counting. In the good conditions you needed to make the target time, within a few seconds, at least five times to have a chance of placing in the top three.

The results were:

**MILLENNIUM CUP 2006 ROUND 1
WERRINGTON**

PLACE	Name	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6	Total	Drop	TOTAL	Normalised
1	WOODWARD COLIN	399	395	401	387	393	342	2317	342	1975	1000
2	LODDEN FRED	399	392	358	356	386	218	2109	218	1891	957
2	ROACH IAN	379	393	153	379	355	385	2044	153	1891	957
4	PERCEY OWEN	224	409	358	387	324	309	2011	224	1787	905
5	FARRAR DON	209	385	361	248	373	408	1984	209	1775	899
6	MORRIS LES	314	348	357	359	393	210	1981	210	1771	897
7	SIKORA PETER	355	334	379	322	359	338	2087	322	1765	894
8	SCOLARI TERRY	340	332	104	292	358	392	1818	104	1714	868
9	PROSSER TOM	355	309	377	305	164	356	1866	164	1702	862
10	MURPHY JACK	225	356	398	358	355	234	1926	225	1701	861
11	METZGER KLAUS	399	374	359	267	251	290	1940	251	1689	855
12	ZIVKOV STEVE	358	361	183	304	395	241	1842	183	1659	840
13	AVERY IAN	241	352	174	349	370	216	1702	174	1528	774
14	WEISS KLAUS	372	105	206	182	357	395	1617	105	1512	766
15	WILSON BRIAN	281	400	175	397	248	159	1660	159	1501	760
16	STONE MAX	268	318	229	192	271	403	1681	192	1489	754
17	BESTEL LAURIE	166	327	357	372	195	204	1621	166	1455	737
18	PAYNE BARRY	344	373	261	400	0	0	1378	0	1378	698
19	RICHARDS REBECCA	62	75	98	291	311	220	1057	62	995	504
20	CEO MARK	185	216	195	114	151	167	1028	114	914	463
21	POOL DAMIEN	175	161	136	151	169	105	897	105	792	401
22	DRAPER BRIAN	0	176	277	302	0	0	755	0	755	382



In the foreground Terry Scolari and Tom Prosser are beginning to apply pressure to the tow line while Laurie Bestel is about to release Les Morris's aircraft. To the right of the picture Jack Murphy will be next to launch and awaits his turn with Ian Roach holding his aircraft.

Ian Roach



It is not only in F3J that the spear landing is used. Here Tony Naughton's First two metre glider is seen diving for the spot during the Millennium Cup event at Illawarra MAC Berkley (photo Klaus Weiss).

Millennium Cup - Round 3 **Queanbeyan - 9 April, 2006**

A good entry of 22 pilots contested Round 3 of the Millennium Cup for 2006 in perfect weather at the Queanbeyan Club's excellent flying field right next to the world famous "One Mile Mills Cross" radio telescope.

Conditions were just right for a two metre thermal competition. The wind was mostly quite light and, even when it blew a little harder, never troubled these small models whose greatest enemy is wind. There were plenty of thermals and at times some strong sink so lots of good soaring flights were made. The lift was not, however, so plentiful as to make achieving the flight time target of six minutes every time a trivial task. Nevertheless that is exactly what you had to do to win.

Only two points in roughly two thousand separated first and second places.

The results were:

MILLENNIUM CUP 2006 ROUND 3 **QUEANBEYAN**

PLACE	Pilot	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6	Total	Drop	TOTAL	Norm
1	LODDEN FRED	376	279	391	359	347	393	2145	279	1866	1000
2	BRAND MATTHEW	331	355	382	403	346	378	2195	331	1864	999
3	PROSSER TOM	386	295	379	265	376	357	2058	265	1793	961
4	SIKORA PETER	210	258	352	404	399	339	1962	210	1752	939
5	ROACH IAN	410	401	272	137	273	395	1888	137	1751	938
6	FARRAR DON	399	387	283	316	365	222	1972	222	1750	938
7	BESTEL LAURIE	389	352	358	198	175	359	1831	175	1656	887
8	WOODWARD COLIN	322	191	328	294	266	402	1803	191	1612	864
9	PEARCEY OWEN	193	245	389	374	241	300	1742	193	1549	830
10	MURPHY JACK	273	294	359	354	240	204	1724	204	1520	815

11	SYMONS DAVE JNR McDONALD	294	350	251	169	100	315	1479	100	1379	739
12	DOUGLAS	153	356	159	371	222	259	1520	153	1367	733
13	PAYNE BARRY	356	353	226	100	242	156	1433	100	1333	714
14	SYMONS WAYNE	134	325	190	354	224	208	1435	134	1301	697
15	MORRIS LES	286	392	135	101	357	129	1400	101	1299	696
16	STONE MAX	285	349	120	355	0	0	1109	0	1109	594
17	KEMPSTER GEOFF	144	127	363	325	136	61	1156	61	1095	587
18	MURRAY BRUCE	350	352	42	196	0	0	940	0	940	504
19	REYNOLDS DAVE	298	218	118	145	126	0	905	0	905	485
20	MAR CEO	146	0	185	174	141	187	833	0	833	446
20	BRAND GUY	125	120	172	226	190	0	833	0	833	446
21	HAPGOOD LACHLAN	0	0	0	0	0	0	0	0	0	0

Two metre has almost become a one design class with most competitors choosing to fly a First. They certainly deserve to be popular but there must be some other commercially available design out there that can give them a run for their money.



Doug MacDonald's First being launched by the two-pulley method at Queanbeyan (Photo by Don Farrar).

Ian Roach.

Millennium Cup - Round 4

Hexham - 21 May, 2006

This event was held at the Rebel's club field on Ash Island between the North and South arms of the Hunter River, just a few kilometres from the city of Newcastle.

The field has excellent facilities, a good parking area, shade structures, and toilets. The surface is level, smooth, and well grassed. It is just adequate in length for glider flying but is very narrow, even narrower than HSL's field at Maddens Plains. However the alignment of the field has been well chosen and, on this day at least, the very light wind blew almost exactly along its long axis. When the wind changed in mid-afternoon it did so by precisely 180 degrees so there was still no problem. On a narrow field a cross wind can be a problem when using hand tow launching as the parachute falls in rough country outside the perimeter of the field delaying retrieval and greatly reducing the number of launches that can be achieved in a day.

The weather forecast was not encouraging. Strong winds, rain, and storms were predicted. Torrential rain fell in Newcastle the previous night. But when we arrived on Sunday morning it was overcast and still. The cloud quickly broke up and a mostly sunny day followed and the wind remained very light all day.

There were 23 competitors. Local participation was small but quite a few Rebels members came out to see the event so perhaps we will see a few more locals competing next year. The Hunter is the second most populous region in NSW, exceeded only by Sydney but, in recent years, there have been few Newcastle or Hunter residents active in soaring competition. If two metre competition were to become popular there it would be good not only for the Millennium Cup series but for the gliding movement in general.

Though winter was just around the corner soaring conditions were ideal for two metre competition. Thermals were plentiful but not so plentiful, or so strong, as to make achieving the target flight time too easy. In fact mostly the lift was quite light with just an occasional strong thermal producing a high climb.

The results were:

MILLENNIUM CUP 2006 ROUND 4 HEXHAM

PLACE	Name	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6	Total	Drop	TOTAL	Norm
1	MURPHY JACK	396	372	404	184	405	406	2167	184	1983	1000
2	LODDEN FRED	399	394	394	272	405	335	2199	272	1927	972
3	WOODWARD COLIN	375	360	401	198	353	402	2089	198	1891	954
4	SIKORA PETER	356	396	403	311	326	373	2165	311	1854	935
5	BRAND MATTHEW	300	389	399	141	402	360	1991	141	1850	933
6	ROACH IAN	371	368	380	300	393	310	2122	300	1822	919
7	RICHARDS REBECCA	352	388	314	357	370	329	2110	314	1796	906
8	STONE MAX	331	391	390	271	301	380	2064	271	1793	904
9	METZGER KLAUS	340	375	405	359	261	300	2040	261	1779	897
10	MURRAY BRUCE McDONALD	284	348	372	180	305	394	1883	180	1703	859
11	DOUGLAS	315	343	385	305	353	298	1999	298	1701	858
12	WOODWARD KEN	404	254	376	384	258	267	1943	254	1689	852
13	AVERY IAN	388	260	389	196	389	249	1871	196	1675	845
14	LINSDAY BRIAN	407	225	380	171	326	326	1835	171	1664	839
15	WEISS KLAUS	392	289	311	354	228	0	1574	0	1574	794
16	MORRIS LES	345	217	364	287	306	237	1756	217	1539	776

17	HENWOOD JIM	339	351	188	343	310	0	1531	0	1531	772
18	BESTEL LAURIE	309	354	208	244	375	232	1722	208	1514	763
19	WILSON BRIAN	202	249	388	395	255	203	1692	202	1490	751
20	SYMONS DAVE JNR	228	280	374	152	262	310	1606	152	1454	733
21	SYMONS WAYNE	279	269	387	243	244	241	1663	241	1422	717
22	ZIVKOV STEVE	240	405	76	236	264	227	1448	76	1372	692
23	ZIVKOV TROY JNR	203	161	208	153	193	229	1147	153	994	501

Ian Roach.

Millennium Cup - Round 5
Cowra - 9/10 September, 2006

The weather was far from ideal, with strong winds and some rain. But two metre gliders are hardy and versatile machines and we had a very enjoyable weekend of competition anyway. On Sunday we had a visit from a number of modellers who had been attending an Old Timer event not far away. They had been unable to fly at all.

Fred Lodden takes up the story:

We had an extremely challenging Cowra round of the Millennium Cup due to very windy conditions. On both the Saturday and the Sunday the wind was very fresh to quite strong. I estimate that at midday Saturday when we got underway it was around 10-12 knots gusting to 15 knots, but by mid afternoon the wind had strengthened to be 15 knots gusting to 20 knots. After four rounds on Saturday afternoon it was decided to call it quits as the wind was very strong.

On Sunday morning we got the competition underway at 0835 and the wind was around 10-12 knots but again it progressively increased in strength to be in 15+ knots by the time the competition was concluded at 1230.

We were able to complete a further eight rounds on Sunday and therefore there were a total of twelve rounds for the two day competition, permitting two dropped rounds.

If you should be flying when the wind conditions were not so heavy it was sometimes possible get into areas of good lift, but venturing any distance downwind was extremely risky if you intended to get back to the landing spot. Your options to move around in search of lift were nil as you spent most of the flight pointed into wind. At those times when the wind was blowing at around 20 knots it became an issue of survival. Being able to drop two rounds was relished by many. The landing scores were not very good as the strong winds and low level turbulence made it very difficult to land accurately.

I think a number of pilots were deterred by the weather forecast for the weekend which was for wind and rain, and numbers were down on previous years but we still had an entry list of fifteen pilots. The number of pilots and the strong wind, which usually returned the parachute almost right back to the launch point, meant that the time to complete each round was quite short. In two half days (one of which was concluded early due to the wind) we completed twice as many rounds as we normally do in a conventional single day Millennium Cup round.

The results were:

**MILLENNIUM CUP 2006 ROUND 5
COWRA**

Place	Pilot	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6	Rd 7	Rd 8	Rd 9	Rd 10	Rd 11	Rd 12	Total	2 Drop	TOT AL	Norm
1	McDONALD DOUGLAS	322	346	359	284	270	293	339	148	237	339	376	355	3668	385	3283	1000
2	PROSSER TOM	374	351	281	220	197	363	379	282	186	338	180	405	3556	366	3190	972
3	SIKORA PETER	367	354	380	382	217	252	265	199	155	186	369	304	3430	341	3089	941
4	LODDEN FRED	206	311	189	167	307	325	382	233	360	156	343	390	3369	323	3046	928
5	MURPHY JACK	404	327	162	160	382	346	223	341	177	195	386	246	3349	322	3027	922
6	LINDSAY BRIAN	210	350	228	145	357	214	324	383	192	305	323	248	3279	337	2942	896
7	ROACH IAN	354	237	150	343	317	214	231	285	297	252	403	161	3244	311	2933	893
8	WOODWARD COLIN	359	300	162	249	228	164	242	393	220	182	133	344	2976	295	2681	817
9	MURRAY BRUCE	273	54	318	215	381	205	240	232	373	127	187	144	2749	181	2568	782
10	ZIVKOV STEVE	195	382	146	96	59	181	351	167	214	136	377	357	2661	155	2506	763
11	SYMONS DAVE JNR	283	226	153	151	113	127	123	391	267	229	378	206	2647	236	2411	734
12	SYMONS WAYNE	346	255	156	198	188	266	368	193	174	210	177	171	2702	327	2375	723
13	MORRIS LES	378	238	163	135	203	158	198	242	119	135	0	0	1969	0	1969	600
14	METZGER KLAUS	171	258	254	149	249	189	338	159	0	0	0	0	1767	0	1767	538
15	BESTEL LAURIE	288	115	289	4	0	0	0	0	0	0	0	0	696	0	696	212



A design not seen previously in the Millennium Cup is this Boar. It is extremely light and showed great promise but, in the very windy conditions at Cowra owner Brian Lindsay, from Newcastle, preferred to use his First.

Fred Lodden.



Millennium Cup - Round 6
Maddens Plains - 22 October, 2006

The day started off rather gloomy but, as forecast, it cleared to a fine day and the conditions in the afternoon were pleasant and even sunny. The wind was never really strong but it was gusting a little with thermal activity.

We had a great attendance with 25 pilots competing.

Congratulations to Owen Pearcey who took out this round with his new carbon composite own design in its maiden competition.

The results were:

MILLENNIUM CUP 2006 ROUND 6
MADDENS PLAINS

PLACE	Name	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6	TOTAL	Drop	TOTAL	Norm
1	PEARCEY OWEN	350	206	397	389	402	287	2031	206	1825	1000
2	BRAND MATTHEW	358	389	403	241	344	304	2039	241	1798	985
3	McDONALD DOUGLAS	286	399	399	340	345	178	1947	178	1769	969
4	SIKORA PETER	365	319	389	295	267	296	1931	267	1664	912
5	WOODWARD COLIN	259	216	313	352	264	405	1809	216	1593	873
6	LINDSAY BRIAN	252	290	388	271	134	373	1708	134	1574	862
7	PROSSER TOM	333	313	285	320	263	316	1830	263	1567	859
8	METZGER KLAUS	318	389	349	220	223	187	1686	187	1499	821
9	MURPHY JACK	246	382	360	216	249	164	1617	164	1453	796
10	WEISS KLAUS	230	218	348	362	125	271	1554	125	1429	783
11	LODDEN FRED	357	273	231	359	202	204	1626	202	1424	780
12	FARRAR DON	196	193	272	134	353	403	1551	134	1417	776
13	ROBERTSON MALCOLM	190	189	356	343	264	256	1598	189	1409	772
14	STONE MAX	242	135	388	197	218	352	1532	135	1397	765
15	WILSON BRIAN	273	274	197	254	177	359	1534	177	1357	744
16	ROACH IAN	287	286	253	284	126	246	1482	126	1356	743
17	AVERY IAN	344	244	225	216	253	278	1560	216	1344	736
18	MURRAY BRUCE	212	275	315	201	268	182	1453	182	1271	696
19	PAYNE BARRY	217	279	212	208	165	352	1433	165	1268	695
20	RICHARDS REBECCA	296	173	214	183	277	171	1314	171	1143	626
21	MORRIS LES	249	117	238	114	197	328	1243	114	1129	619
22	SYMONS DAVE JNR	190	188	276	177	220	224	1275	177	1098	602
23	BESTEL LAURIE	226	327	183	166	153	127	1182	127	1055	578
24	SYMONS WAYNE	221	168	186	194	215	155	1139	155	984	539
25	McGREGOR PETER	198	116	232	146	143	172	1007	116	891	488



A variety of two metre gliders at the Maddens Plains round of the Millennium Cup, with Owen Pearcey's winning model in the centre.

Shoalhaven Shield

Fletchers Lane - 12 November, 2006

The Shoalhaven Shield, a major and long running event in its own right, was also the final event in the Millennium Cup series for 2006. It is usually the best supported two metre event of the year and, with 28 entries, this year was no exception.

Despite a not very encouraging forecast the conditions were quite good. An initial very light SW wind soon turned to the NE but remained light throughout the day. There were a few very light showers but they did not last long enough to cause any delay.

Some launching system delays early in the day resulted in only four rounds being completed so every round counted towards the final scores. With no discard round, good weather, and a strong field you could not afford a single mistake if you hoped for a finish in the top five.

The results were:

MILLENNIUM CUP 2006 ROUND 7

SHOALHAVEN SHIELD

Place	Name	Rd 1	Rd 2	Rd 3	Rd 4	TOTAL	Norm
1	PROSSER TOM	367	393	406	399	1565	1000
2	PEARCEY OWEN	398	399	359	391	1547	988
3	McDONALD DOUGLAS	405	354	389	376	1524	974
4	MURPHY JACK	328	405	341	386	1460	933
5	METZGER KLAUS	391	356	312	349	1408	900
6	LODDEN FRED	317	384	398	292	1391	889
7	SIKORA PETER	219	393	398	374	1384	884
8	ROACH IAN	193	381	378	397	1349	862
9	FARRAR DON	313	284	365	385	1347	861
10	WEISS KLAUS	294	299	349	352	1294	827
11	SYMONS DAVE JNR	243	393	308	335	1279	817
12	WOODWARD COLIN	217	360	355	345	1277	816
13	BRAND MATTHEW	231	295	351	393	1270	812
14	RICHARDS REBECCA	294	290	253	401	1238	791
15	LINDSAY BRIAN	246	357	258	355	1216	777
16	WOODWARD KEN	288	265	267	378	1198	765
17	STONE MAX	261	294	340	294	1189	760
18	SYMONS WAYNE	276	265	282	354	1177	752
19	HENWOOD JIM	210	380	280	300	1170	748
20	MORRIS LES	340	370	214	234	1158	740
21	PAYNE BARRY	260	309	351	201	1121	716
22	WILSON BRIAN	313	359	248	194	1114	712
23	BESTEL LAURIE	185	296	191	322	994	635
24	AVERY IAN	281	264	251	194	990	633
25	ZIVKOV STEVE	212	247	206	287	952	608
26	ZIVKOV TROY JNR	159	276	205	290	930	594
27	MURRAY BRUCE	36	370	395	51	852	544
28	O'MULLANE RAY	158	151	198	0	507	324
29	HARTNUP MAURIE	0	0	0	0	0	0
30	STRAUTINS CARL	0	0	0	0	0	0

Ian Roach.

2006 Millennium Cup

Final Scores

Prior to the final round there were still three pilots who could win the Cup this year. At the conclusion of the seven round season the results were:

Place	Name	Rd 1	Rd 2	Rd 3	Rd 4	Rd 5	Rd 6	Rd7	Best 4
1	F LODDEN	957	668	1000	972	928	780	889	3857
2	J MURPHY	861	1000	815	1000	922	796	933	3855
3	D McDONALD	0	631	733	858	1000	969	974	3801
4	T PROSSER	862	834	961	0	972	859	1000	3795
5	P SIKORA	894	963	939	935	941	912	884	3778
6	O PEARCEY	905	840	830	0	0	1000	988	3733
7	M BRAND	0	0	999	933	0	985	812	3729
8	I ROACH	957	0	938	919	893	743	862	3707
9	C WOODWARD	1000	764	864	954	817	873	816	3691
10	D FARRAR	899	728	938	0	0	776	861	3474
11	K METZGER	855	551	0	897	538	821	900	3473
12	B LINDSAY	0	0	0	839	896	862	777	3374
13	K WEISS	766	914	0	794	0	783	827	3318
14	M STONE	754	744	594	904	0	765	760	3183
15	L MORRIS	897	644	696	776	600	619	740	3109
16	B PAYNE	698	923	714	0	0	695	716	3051
17	D SYMONS	0	631	739	733	734	602	817	3023
17	L BESTEL	737	561	887	763	212	578	635	3022
19	W SYMONS	0	827	697	717	723	539	752	3019
20	I AVERY	774	484	0	845	0	736	633	2988
21	R RICHARDS	504	649	0	906	0	626	791	2972
22	B WILSON	760	527	0	751	0	744	712	2967
23	S ZIVKOV	840	461	0	692	763	0	608	2903
24	B MURRAY	0	0	504	859	782	696	544	2881
25	J HENWOOD	0	554	0	772	0	0	748	2074
26	T ZIVKOV	0	631	0	501	0	0	594	1726
27	K WOODWARD	0	0	0	852	0	0	765	1617
28	G KEMPSTER	0	0	587	0	0	0	816	1403
29	M CEO	463	0	446	0	0	0	0	909
30	T SCOLARI	868	0	0	0	0	0	0	868
31	M ROBERTSON	0	0	0	0	0	772	0	772
32	J KINLAY	0	0	0	0	0	0	716	716
33	L HAPGOOD	0	0	1	0	0	0	608	609
34	P McGREGOR	0	0	0	0	0	488	0	488
35	D REYNOLDS	0	0	485	0	0	0	0	485
36	G BRAND	0	0	446	0	0	0	0	446
37	D POOL	401	0	0	0	0	0	0	401
38	B DRAPER	382	0	0	0	0	0	0	382
39	T NAUGHTON	0	192	0	0	0	0	0	192

Congratulations to new senior champion Fred Lodden, and to Dave Symons, who was the top junior again.

Thirty eight pilots flew at least one round, just a little down on last year, but a more interesting statistic is that there were 24 who flew at least four rounds, including 22 who flew at least 5.

Ian Roach.