

Flight statistics

Tim 304DD 090906.IGC

General information

Date of flight: 9/6/2009

Pilot name: Tim

Glider type:

Competition class: Club

Registration:

Competition number:

Takeoff: 17:48:55 at 1229ft (Sunrise: 10:47)

Soaring begin: 17:53:20 at 4566ft

Soaring end: 20:28:45 at 1216ft

Landing: 20:28:45 at 1219ft (Sunset: 23:42)

Duration: 02:39:50

Declared Task - Unknown type of task

No task specified

Flight statistics 2

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Flight statistics

Maximum altitude gained: 2152ft, low point 4169ft at 17:54:57, high point 6321ft at 19:31:01

Circling:	Time	Vario	Alt.Gain	Alt.Loss	Thermals
Total	01:25:15 (55%)	1.2kts	16043ft	-5892ft	30
Left	01:25:15 (100%)	1.2kts	16043ft	-5892ft	30
Tries (<45s)	00:06:25 (4%)	-2.5kts	2841ft	-4462ft	9

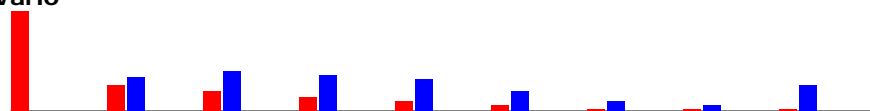
Straight:	Time	Dis.Done	Alt.diff	Netto	Avg.GS	IAS	Glides	Avg.Glide	Mean L/D
Total	01:10:10 (45%)	76.9nm	-13501ft	0.3kts	66kts	63kts	31	2.5nm	34.6
Rising	00:13:35 (19%)	13.0nm	8087ft	7.0kts	57kts	56kts			-10
Sinking	00:56:35 (81%)	63.9nm	-21588ft	-1.3kts	68kts	64kts			18
Netto rising	00:35:19 (50%)	36.8nm	5433ft	3.6kts	63kts	61kts			-41

Wind



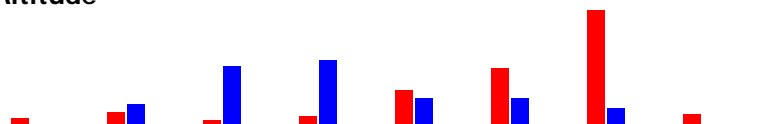
<1750	2000	2500	3000	3500	4000	4500	5000	5500	6000	6250>	[ft]
1.9	1.1	1.0	4.3	6.2	3.9	8.4	23.1	39.4	61.5	4.7	[min]
138°/8	138°/8	138°/8	138°/8	138°/8	130°/8	120°/7	111°/8	123°/9	124°/8	123°/8	[°/kts]

Vario



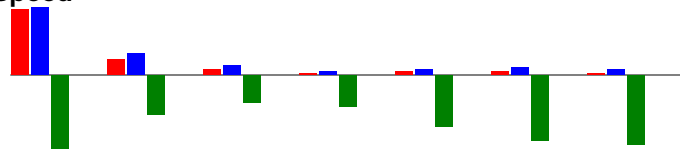
<1.5	2	3	4	5	6	7	8	8.5>	[kts]
47.6	12.0	9.6	6.7	4.6	2.4	1.0	0.5	1.0	[min]
-4222	2365	2851	2625	2205	1463	643	430	1791	[ft]

Altitude



<3250	3500	4000	4500	5000	5500	6000	6250>	[ft]
2.6	4.5	1.9	3.4	11.5	19.3	37.9	4.2	[min]
-2.1	1.0	2.8	3.1	1.4	1.3	0.8	0.1	[kts]

Speed



<65	70	80	90	100	110	115>	[kts]
45.3	11.6	4.7	1.9	2.1	2.7	1.9	[min]
41.8	13.5	6.3	2.9	3.6	4.9	3.9	[nm]
-3245	-1447	-1001	-1158	-1857	-2300	-2493	[ft]

Phase statistics

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Phase	Begin	End	Duration	Start Alt.	End Alt.	dH	AVario	Netto	AGsp	Avg. IAS	DisDone	D/H
Straight (Tow)	17:48:55	17:53:20	00:04:25	1229ft	4566ft	3337ft	7.5kts	8.9kts	61kts	57kts	4.5nm	-8.2
Straight	17:53:20	17:55:23	00:02:03	4566ft	4224ft	-341ft	-1.6kts	-0.3kts	57kts	56kts	2.0nm	35
Circling - Left	17:55:22	17:59:52	00:04:30	4221ft	5294ft	1073ft	2.4kts	3.5kts		44kts		
Straight	17:59:51	18:01:05	00:01:14	5294ft	5218ft	-75ft	-0.6kts	0.6kts	57kts	47kts	1.2nm	94
Circling - Left	18:01:04	18:02:08	00:01:04	5215ft	5281ft	66ft	0.6kts	1.8kts		45kts		
Straight	18:02:07	18:04:54	00:02:47	5281ft	4956ft	-325ft	-1.2kts	0.4kts	70kts	61kts	3.3nm	61
Circling - Left	18:04:53	18:07:07	00:02:14	4949ft	4969ft	20ft	0.1kts	1.3kts		46kts		
Straight	18:07:06	18:08:34	00:01:28	4979ft	4664ft	-315ft	-2.1kts	-0.6kts	60kts	60kts	1.5nm	28
Circling - Left	18:08:33	18:15:11	00:06:38	4661ft	5356ft	696ft	1.0kts	2.2kts		45kts		
Straight	18:15:10	18:16:50	00:01:40	5356ft	5146ft	-210ft	-1.2kts	0.1kts	56kts	56kts	1.6nm	45
Circling - Left	18:16:49	18:19:25	00:02:36	5136ft	6213ft	1076ft	4.1kts	5.2kts		44kts		
Straight	18:19:24	18:20:42	00:01:18	6213ft	6094ft	-118ft	-0.9kts	0.3kts	56kts	50kts	1.2nm	62
Circling - Left	18:20:41	18:22:34	00:01:53	6088ft	6209ft	121ft	0.6kts	1.9kts		51kts		
Straight	18:22:33	18:26:26	00:03:53	6213ft	5711ft	-502ft	-1.3kts	0.2kts	63kts	59kts	4.1nm	50
Circling - Left	18:26:25	18:30:47	00:04:22	5704ft	6091ft	387ft	0.9kts	2.0kts		45kts		
Straight	18:30:46	18:33:56	00:03:10	6094ft	5537ft	-558ft	-1.7kts	-0.2kts	65kts	59kts	3.5nm	38
Circling - Left	18:33:55	18:37:21	00:03:26	5530ft	6213ft	682ft	2.0kts	3.1kts		47kts		
Straight	18:37:20	18:39:47	00:02:27	6219ft	6101ft	-118ft	-0.5kts	1.3kts	74kts	65kts	3.0nm	156
Circling - Left	18:39:46	18:41:26	00:01:40	6094ft	6019ft	-75ft	-0.4kts	0.7kts		45kts		
Straight	18:41:25	18:42:00	00:00:35	6026ft	6101ft	75ft	1.3kts	2.5kts	46kts	49kts	0.4nm	-36
Circling - Left	18:41:59	18:42:58	00:00:59	6098ft	6121ft	23ft	0.2kts	1.4kts		48kts		
Straight	18:42:57	18:43:50	00:00:53	6121ft	5963ft	-157ft	-1.8kts	-0.5kts	55kts	49kts	0.8nm	31
Circling - Left	18:43:49	18:46:10	00:02:21	5957ft	5999ft	43ft	0.2kts	1.4kts		49kts		
Straight	18:46:09	18:46:49	00:00:40	6003ft	5976ft	-26ft	-0.4kts	1.0kts	66kts	55kts	0.7nm	170
Circling - Left	18:46:48	18:47:38	00:00:50	5976ft	5921ft	-56ft	-0.7kts	0.5kts		46kts		
Straight	18:47:37	18:50:45	00:03:08	5930ft	5642ft	-289ft	-0.9kts	0.5kts	56kts	57kts	2.9nm	61
Circling - Left	18:50:44	18:52:59	00:02:15	5642ft	5717ft	75ft	0.3kts	1.5kts		47kts		
Straight	18:52:58	18:53:25	00:00:27	5717ft	5688ft	-30ft	-0.6kts	0.7kts	52kts	56kts	0.4nm	80
Circling - Left	18:53:24	19:01:52	00:08:28	5681ft	6249ft	568ft	0.7kts	1.8kts		47kts		
Straight	19:01:51	19:05:44	00:03:53	6255ft	5655ft	-600ft	-1.5kts	0.1kts	60kts	63kts	3.9nm	40
Circling - Left	19:05:43	19:06:40	00:00:57	5645ft	5786ft	141ft	1.5kts	2.6kts		44kts		
Straight	19:06:39	19:09:04	00:02:25	5786ft	5599ft	-187ft	-0.8kts	0.5kts	47kts	52kts	1.9nm	62
Circling - Left	19:09:03	19:10:38	00:01:35	5596ft	5602ft	7ft	0.0kts	1.2kts		44kts		
Straight	19:10:37	19:10:57	00:00:20	5612ft	5668ft	56ft	1.7kts	3.0kts	48kts	55kts	0.3nm	-29
Circling - Left	19:10:56	19:14:02	00:03:06	5661ft	5707ft	46ft	0.1kts	1.3kts		46kts		
Straight	19:14:01	19:16:35	00:02:34	5714ft	5235ft	-479ft	-1.8kts	-0.1kts	60kts	64kts	2.6nm	33
Circling - Left	19:16:34	19:20:24	00:03:50	5232ft	5904ft	673ft	1.7kts	2.9kts		46kts		
Straight	19:20:23	19:26:54	00:06:31	5907ft	5012ft	-896ft	-1.4kts	0.1kts	53kts	58kts	5.8nm	39
Circling - Left	19:26:53	19:31:41	00:04:48	5002ft	6304ft	1302ft	2.7kts	3.9kts		46kts		
Straight	19:31:40	19:33:14	00:01:34	6308ft	6035ft	-272ft	-1.7kts	-0.2kts	58kts	59kts	1.5nm	34
Circling - Left	19:33:13	19:34:24	00:01:11	6026ft	6101ft	75ft	0.6kts	1.8kts		47kts		
Straight	19:34:23	19:38:09	00:03:46	6111ft	5845ft	-266ft	-0.7kts	0.6kts	52kts	54kts	3.3nm	75
Circling - Left	19:38:08	19:40:02	00:01:54	5839ft	6098ft	259ft	1.3kts	2.5kts		47kts		
Straight	19:40:01	19:41:45	00:01:44	6098ft	5753ft	-344ft	-2.0kts	-0.5kts	54kts	58kts	1.6nm	28
Circling - Left	19:41:44	19:44:22	00:02:38	5743ft	5819ft	75ft	0.3kts	1.5kts		47kts		
Straight	19:44:21	19:44:38	00:00:17	5829ft	5829ft	0ft	0.0kts	1.6kts	55kts	61kts	0.3nm	9999
Circling - Left	19:44:37	19:46:36	00:01:59	5812ft	6108ft	295ft	1.5kts	2.7kts		49kts		
Straight	19:46:35	19:49:33	00:02:58	6117ft	5914ft	-203ft	-0.7kts	0.6kts	51kts	52kts	2.5nm	76
Circling - Left	19:49:32	19:51:39	00:02:07	5901ft	5858ft	-43ft	-0.2kts	1.0kts		47kts		
Straight	19:51:38	19:54:14	00:02:36	5868ft	5445ft	-423ft	-1.6kts	0.1kts	72kts	63kts	3.1nm	45
Circling - Left	19:54:13	19:55:20	00:01:07	5435ft	5507ft	72ft	0.6kts	1.8kts		46kts		
Straight	19:55:19	19:58:17	00:02:58	5504ft	5268ft	-236ft	-0.8kts	0.5kts	64kts	53kts	3.2nm	81
Circling - Left	19:58:16	20:04:21	00:06:05	5261ft	5573ft	312ft	0.5kts	1.7kts		44kts		

Phase statistics

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Phase	Begin	End	Duration	Start Alt	End Alt.	dH	AVario	Netto	AGsp	Avg. IAS	DisDone	D/H
Straight	20:04:20	20:08:17	00:03:57	5573ft	2800ft	-2772ft	-6.9kts	-2.5kts	107kts	96kts	7.0nm	15.4
Circling - Left	20:08:16	20:09:48	00:01:32	2800ft	3168ft	367ft	2.4kts	4.0kts		62kts		
Straight	20:09:47	20:10:07	00:00:20	3155ft	3197ft	43ft	1.3kts	2.8kts	59kts	61kts	0.3nm	-47
Circling - Left	20:10:06	20:11:42	00:01:36	3197ft	3243ft	46ft	0.3kts	1.6kts		52kts		
Straight	20:11:41	20:11:52	00:00:11	3247ft	3257ft	10ft	0.5kts	1.9kts	59kts	56kts	0.2nm	-112
Circling - Left	20:11:51	20:19:05	00:07:14	3253ft	4940ft	1686ft	2.3kts	3.5kts		50kts		
Straight	20:19:04	20:22:58	00:03:54	4943ft	3434ft	-1509ft	-3.8kts	-1.0kts	87kts	81kts	5.7nm	23
Circling - Left	20:22:57	20:23:47	00:00:50	3434ft	3460ft	26ft	0.3kts	3.2kts		81kts		
Straight	20:23:46	20:28:45	00:04:59	3470ft	1216ft	-2254ft	-4.5kts	-1.5kts	88kts	82kts	7.3nm	19.6

Phase statistics

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Phase	Begin	End	Duration	Start Alt.	End Alt. dH	AVario	Netto	AGsp	Avg.IAS	DisDone	D/H
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