

Australian



magazine

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ASM AUSTRALIAN SKYDIVER MAGAZINE FLAGSHIP PUBLICATION OF THE AUSTRALIAN PARACHUTE FEDERATION





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Jason Ellul about to dock last on the South Australian Canopy Formation Record

Photographer: Curtis Morton



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some of which companies

The parameters of the Australian Parachute Federation lie in sport to time.

A mate put his gear up for sale the other day, his excuse for leaving the sport was, "I'm bored." Of course I thought he was joking... well he couldn't be serious! But he was. He actually said "it just doesn't do it for me any more" and "I was in freefall and felt nothing." Long story short, I decided he was kidding himself, not me. That's probably the whole moral to this story, but it did get me thinking a lot about how a person could possibly believe that a jump is mundane. Even the most basic of solo jumps has too many blissful and eventful moments to warrant being declared as this - ie. each jump has an exit for starters, some degree of freefall time, a parachute opening, some flight time and a landing. Oh yeah, so ho hum!

I am not much of a work jumper, but I'm surrounded by it and often hear the term "burn out" phrased. Maybe "bored" is the new 'burn out"? Sounds silly doesn't it? Well that's because it is! I had a weekend of work jumps to do recently, tandem videos, and so just for kicks I thought I'd put it to the test - I tried to feel bored and tried not to smile in freefall. Hah, not a chance! Well perhaps a little bit on the weather holds but that doesn't count, and tiredness at the end of the two long days, but that doesn't count either as I would have been geared up before sunrise again the next day if given the opportunity.

A few weeks later and I am in the thick of this ASM issue scratching my head, still wondering about this whole boredom thing as I look at the likes of Taya Weiss and her wingsuit and canopy pilot mates making history by docking and flying multiple close formations over Dubai's famous landmarks... here are some of the most talented and experienced skydivers in the world stepping up to these massive challenges and advancing themselves and the sport significantly... I doubt they were bored planning those jumps, or during the jumps, or now as they dream of their next venture. No way.

What is boring is the alternative, ie. a life without skydiving, and I sure don't want to road test that!



Issue 61 Deadline Issue 62 Deadline Issue 63 Deadline

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Nile Reinartz about to step off the Chopper during the NZ Summerjam Boogie. Photographer: Adrian Acquado

I Oext Dear

10th June, 2012	Mag Out End of July, 2012
25th Aug, 2012	Mag Out Early October, 2012
5th Nov, 2012	Mag Out Around Xmas, 2012

Simone Bambach Maria Luise Bauer Craig Bennett Susan Bostock Sarah Brown Sonia Bruss Stephanie Campbell Scott Clarke Jarno Cordia Liam Davies Darren Doyle Matt Druery Candice De Zilwa Paul Easterbrook Peter Etherton Pete Hannaford Kim Hardwick Helmy Mick Hill Kieren James Katsui Kishi Phil McComb Jules McConnel David McEvoy Curtis Morton Travis Naughton Lisa Perdichizzi Chris Rose Cecilia Ridgley Billy Sharman Alex Skala Kirsty Smith Heather Swan Mike Tibbits Brad Turner Laura Watson Cherie Wells

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Director Instructors

A word from the CEO

The Australian Parachute Federation has been holding National Parachuting Championships for over 50 years with the 2012 event held at Ramblers in SEOLD over Easter, being the 51st APF Nationals. This is the first time in 6 years that the National Championships have been held as one event with all competition disciplines included (with the exception of CP which was held at Pictons swoop pond in February). The resulting competition and boogie was a great event which was well attended by skydivers from all over OZ. The vibe created by having the serious competitors amongst the boogie jumpers, and almost all disciplines in action, with the 'spin off' of enabling our vounger jumpers to see the competitors going through their paces, was pleasing indeed.

QCIOIS

All those involved in running these Nationals are to be commended on a job well done and all competitors are to be congratulated on their commitment - every one of you is a winner! Particular congratulations to those who are now heading for the World Championships in Dubai in November/December 2012.

This is an important event for the APF and is the launch pad for our competitors to compete internationally; it also offers an opportunity to showcase the sport to the wider population with far reaching media benefits and is considered a valuable sport development initiative. The APF is committed to its future success and ongoing viability and will continue to provide as much support as possible.

With a dedicated National Development Officer now full time in the National Office we will be ensuring that development and growth initiatives will be our driving focus in the future to promote both Sport and Industry.

The new Operational Regulations should now be in your hands. It is hoped you will find them more succinct, less repetitive and easier to use. There have been a number of changes to regulations in this edition and as always we look forward to member feedback. My sincere thanks to those involved in this rewrite.

A comprehensive APF Safety Management Systems

Manual has been under development by the Operations Manager for some time and is now nearing completion. This manual is aimed at providing all clubs, members and industry regulators with a comprehensive blue print of how the APF manages safety including clear definitions of the responsibilities of all stakeholders, and should prove to be a valuable resource. More often clubs are being asked to provide external parties with Risk Assessments and Operational Risk Profiles and this newly developed

resource should greatly assist all in meeting compliance requirements.

The Jump Pilot Authorisation that was introduced July 1, 2010, is approaching its first renewal period. This initiative has integrated well into the APF's processes with little impact and has brought considerable advantages in particular the consistency in JPA training that now exists. Additionally we now have a national database of Authorised APF Jump Pilots which enables a level of communication, education and oversight not previously realised. As such an Aircraft Operations E-News has recently been developed for just this purpose with edition one being provided to the membership in February this year. This publication received considerable positive feedback with pilots and aircraft operators pleased to have a dedicated communication platform for all aspects of aircraft operations.

Initiatives such as those mentioned above are just a

fraction of what the APF is doing to ensure our federation and our sport remains strong and sustainable into the future. As always we value your feedback!

Happy jumping and stay safe!

Brad Turner Chief Executive Officer

directors direction directors direction

Director of Competition

It's been fantastic to see a bumper year so far in competitions! Summer has seen the VTPC championships in January, Canopy Piloting Nationals in February, two local Leagues ending in March, plus all other National Championships just completed at Easter!

The CP Nationals saw a record turnout of competitors, including four international guests. Australia is fast building a great reputation in CP and the internationals are naturally curious of the Aussie welcome. They sure did give us a run for our medals, but overall raised the bar and shared their expertise with our locals. Congratulations to the top 8 Aussies who have qualified for the 2012 Aussie team going to Dubai for the World Parachuting Championships later this year.

The Relworkers League (Victoria) and SEOS Club League (South Old) also welcomed interstate teams seeking competition experience away from their home turf. These clubs run a series of coaching and competition events

each year, which normally include a competition round that coincides with the area council championships, and lead in to Nationals. It's great to see local competition events that give individuals and teams a taste of competition and/or the chance to train in a formal competitive environment. Participating in these events often increases awareness of the rules and judging standards for competitors. They also encourage relations between judges and competitors and give our APF judges the opportunity to keep their skills current.

The National Championships in all other disciplines, in April, was well attended and almost every event was contested - this hasn't happened for a long time! Those that were there would agree that the vibe was electric, with old and new faces fighting it out for their personal bests and a chance to represent Australia in Dubai later this year. Congratulations to our new Aussie record holders and all the top teams who have put some serious time and \$\$\$ towards training - it really shows!

There's no doubt that getting out of your comfort zone by competing, especially at a foreign drop zones, tests nerves and patience. No matter whether you're a seasoned competitor or new to the scene, experiencing as many competition events as possible will undoubtedly increase your overall awareness and tolerance, plus smooth your emotions to improve your mental success.

Of course, competitions like these would not exist without the hard work of all the volunteers behind the scenes, before and during an event. This includes the organisers, meet directors, DZSOs, judges, manifesters, video dubbers, media liaisons, general helpers and also those that loan personal equipment. Not to mention the APF national office staff, committees, council and club officers, who are also a majority of volunteers, providing financial assistance and resources. Rarely do these people expect or receive payment for their time and efforts, as they are

pleased to contribute to the sport for the benefit of others. Often these can be thankless tasks, so if you are on the receiving end of a good deed worth praising, and you get a chance to write a short note of thanks, this is all the payment that is required for our wonderful volunteers!

Good luck to teams now in training

for the World Champs!

Director of Competitions

Lisa Perdichizzi



directors direction





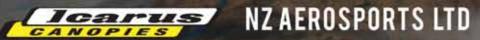
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The training camp was perfect. The Chanel 7 Sunrise live broadcast was sensational. The drop zone looked amazing. The weather forecast was fabulous. The two Caravans and 182 were ready to fly from sunrise to sunset. The packers were prepped with new scanning technology. The Meet Director was well organised. The bar was stocked up. The judges were all set up with latest system. The accuracy tuffet was inflated. The competitors were eager to go. The Ayr Monkey's cheer squad were busting to shake their pom poms. The Opening Ceremony was colourful. The vibe was terrific... The Australian National Championships was on!

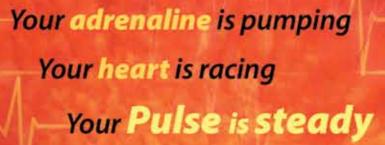
Talk about the greatest start to comp – the first jump of the first day kicked off with Ookoonono breaking their own National record! With that 24 pointer they are now just one point behind the World Record... bring on November's World Meet in Dubai, look out world! The conditions for Classic Accuracy seemed perfect, although the competitors said the variable light breeze made it slightly more difficult for them. They were able to do jump after jump all morning plus rounds from the Caravan with a full load of accuracy competitors meant that there were great spurts of accuracy action and the Judges and their helpers weren't left out in the sun all day long.

Both the 4-way Inter and Open teams came out firing and it was revealed after the first round scores were posted that there was a major fight on for all places. Competitions within the competition kept all the team members arousal levels peaking and the spectator satisfaction high. Ookoonono and Rotor Out were having their own friendly rivalry, trying to outdo each others points every round - wow, that's a pretty high caliber of competition if a 2-way Canopy Formation team can put it up a 4-way Formation Skydiving team! The DZ was buzzing with action as there were plenty of competitors still in training for the other events.

The 4-way Inter was action-packed with Sydney team Flat Attack giving the Ayr Monkeys a run for their money, and Brut 4CE and the Arizona Ayrchix going at it hammer and tong. Very few points were in it and the InTime Audience Viewing area was well attended for the live judging. The Ayr Monkeys were a hit in their own right, scoring an 18 in time and breaking a National record, but it was their ground support girls that were an equal hit! Christine Clarke, a Toogoolawah local, made her debut on the competition scene, fresh out of B-Rels and giving 4-way Inter a go with her team Benchmark.

VFS Open and Intermediate were also running. The Addicted, competing against themselves and the clock, were also going hard to do their personal best. The Inter VFS members could be seen





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Rotor Out

Gary Nemirovsky Stephanie Vaughan Craig Vaughan George Attard Patrick Nygren (vid)

Team H

Michael Strickland Ann-Marie Jarzebowski Rob Thomson Andy Honingbaum Pete Anderson (vid)

Ezekiel

Brad Trevena **Glenn Farrell** Melissa Harvev Sean Walsh Calder Chernov (vid)

4-Way FS Femal

Valkyries

Kate Langley Kate Rogers Michelle Hales Nerissa Anderson Shannon Straubinger (vid)

4-Way FS Intermediat

Avr Monkeys Alan Moss Andrew Fabbro Paul Behan Oliver Fong Lisa Perdichizzi (vid)

Arizona Ayrchix

Karen Fuller Valerie Schmidt Anita Parryman Sonja Neville Wayne McLachlan (vid)

Flat Attack

Tracey Besman Marilyn Tomlinson Kieran Tomlinson David Loncasty Travis Wood (alternative Adrian Lloyd (vid)

Brut-4CE

Josh Costa Matt Coles Gabriel Phillips Justine Frame (vid)

Air Parkers Alan White Bruce Moss Joe McKosker lan Robertson









"Anything is possible if you have good weather". Thank goodness we had (almost) perfect weather. What I liked most about the Nationals was that everybody seemed happy. It was great to see all the disciplines happening on the one landing area." Macca, Organiser

It was a happy day all round and when the sunset load landed there were 5 rounds of Open and Inter 4-way FS & VFS completed, 5 rounds of Classic Accuracy and 4 rounds of Canopy Formation. Exactly half way through those events - superb!

A few technical difficulties with the InTime judging system earlier in the day resulted in a late night judging session and well into bar time it was revealed that The Addicted had also completed a new Aussie record of 11 points in time on Tim Golsby-Smith's 1,000ft jump! They smashed their previous record of 9 points from last Nationals.

Day Two dawned to more of the same beautiful conditions, happy campers and loud exclamations from the Precision Accuracy boys and girls. There are a few vocal ones and loud noises sure do carry in the early morning, particularly Emma Wald's early morning trivia inspired manifest calls.

Simone Bull was a popular lady, giving out great rego bags full of goodies. The Artistic teams were lapping up the opportunity to get in a few training iumps before their comps started the next day and the fun jumpers were soaking it up too.

The Valkyrie girls were doing themselves proud up against the seasoned competitors of Team H. Rotor Out and Ezekiel. There was a close battle happening for the bronze medal, which they were not expecting. Kate Rogers described it as. "nailbiting, very exciting,"

Things were going seamlessly until Homer's inflight door broke and the load landed full of jumpers. A guick replacement job had a new door fitted but it broke too! Third time lucky and the old door was refitted and had no problems for the rest of comp. Team Ezekiel's cameraflyer, Calder Chernoff, couldn't get his pilot chute out and while he landed his reserve in the pit, his freebag and pilot chute landed near the hangar just two steps out of Roger Spinks' commando rolling reach, much to the cheers of those awaiting the next load. After lunch Jonny Mac landed the Super Caravan, switched it off and declared no more loads as it'd blown a seal. That sure did dampen the vibe! Being Easter, there are no other skydiving turbines available, so the comp went on with just the one aircraft.

Being the only team in Open Vertical Formation Skydiving, The Addicted were in a league of their own and their team rig outfit put them on the front cover of all the skydiving fashion books. It must be this team who is responsible for the all black ninja suits that seemingly everyone except Susie Mc and Marty Bowd from Cookie were wearing. Real world fashion is 80s at the moment, so not sure if black is ahead or behind in the fashion stakes.

Remarkably, 4-way Open and Inter FS & VFS plus the 2-way CF competitions were completed by the Saturday sunset load. Meet Director Belgium Steve put his thinking cap on and pre-manifested the next day's loads while the Sport Accuracy, CF 4-way Sequential, 8-way and Artistics draws were posted and the 4-way teams celebrated. The medal presentations were described by Macca as "electric, great stuff, reminded me of some of the Corowa National's presentations".





The kids got stuck into chocolate for breakfast on Easter Sunday while the fog eventually cleared and Open 8-ways geared up for Round 1. The competition only had two teams but they were both trained, both serious and both had their eye on Dubai. They both scored 10 points each on Round 1 and there was a collective excitement about what was to unfold this day. A few of the 4-way inter team competitors teamed up with a couple of experienced coaches and formed two 8-way Inter scratch teams.

The Sports Accuracy fired up and kept the Judges on their toes, nearly toppled Towers off his wheelchair and kept the Cessna going all day. Jason Ford and Archie Jamieson would have otherwise tied for first if Archie didn't fall over and lose half his points. The comp for places was hotly contested with Kenton McLeod and Shaun Hagan spurring each other on over the 8 rounds. It was an entertaining and actionpacked comp. New kid on the block, Danielle Adair, with less than 100 jumps, consistently landed safely and accurately, pleasing the crowds.

The Artistics got airborne, not so many teams in the Freefly was a little disappointing, but three Freestyle Open teams was fabulous! The comp

was on for second place with the two new faces of Frankie Molnar and Amandine Genin to the Freestyle scene. The 8-ways were on the same loads as the Inter Freefly, which perhaps was not the best combo, as the mix of serious 8-way focus and loud freefly banter on the rides to height was not ideal for some.

Easter Bunny Blano did a low level lolly pass in his ultralight to the delight of kids of all ages. The next day he flew the Duck Raffle in the same style - 100 little toy ducks released on a bombing run style mission, the closest duck to the centre of the pit scored a Go Pro or \$250 from The Skydive Shop.

Easter Monday dawned to thick wet fog and an unwelcomed late start. Belgium Steve had the day preplanned and losing three hours of jumping time meant for a serious look at the day's plan of attack if we were to finish all the comps, and the 8-way Open was obviously

The 2-way CF boys and girl teamed up to do 4-way Sequential just for the fun on it, last seen landing a 4-way diamond at sunset. At the end of the day a lot had been achieved and overall the day didn't seem as slow as expected. The spirits were still high and everyone was looking forward to a great day of jumping ahead.

4-Way FS

Bench Mark Marty Brown Ben Fuller Christine Clarke Jenny Thornton Mark Laing (vid)

8-Way FS Open

Velocita

Simone Bambach Peter Etherton George Tang Clayton Gill Troy Crotty Russell Blackman Vernon Quek Laurence Garceau Scott Neander (vid)

Cat Scratch Fever

Andrew Barker Mark Szulmayer Sean Walsh Melissa Harvel Glenn Farrell David O'Flynn David Loncasty Tracey Sasman Adrian Lloyd (vid)

4-Way VFS Open

The Addicted

Kim Hopwood Catherine Comyns Lucas Georgiou Tim Golsby-Smith Scott Hiscoe (vid)

4-Way VFS Intermediate

Example Kyle Chick Francisca Molnar Josie Symmons Nathan Smith Mason Corby (vid)

German Sparkle Party

Erica Tadokoro Jenny Gordon Christopher Cosgrove **Richie Convery** Mark Gazley (vid)

2-Way CF Sequential

Ookoonono

Jules McConnel Michael Vaughan Craig Bennett (vid)

Wade's Team Steve Geens Brett Higgins Wade Edwards (vid)

2-Way CF Sequential Cont.

CHAPS

Richie Dronow Scott Brown Francis Szavo (vid)

4-Way CF Sequential

К4

Michael Vaughan Jules McConnel Richie Dronow Scott Brown Kate Langley (alternative) Francis Szavo (vid)

Classic Accuracy

Tibor Glesk Janine Hayes Dave Boulter Mike Dyer Andrew Pike Janine Hayes Jim Czerwinski Sean Hagan Chris Poole Jim Friswell Jamie Beck

Mark Edwards

Jim Czerwinski Kenton McLeod Shaun Hagan Luke Oliver Matt Har Jason Ford Ian Robertson Archie Jamieson Michael Holmes Danielle Adair

Artistic Events - Freestyle

WD40 Amandine Genin Wade Edwards (vid)

Equilibrium Frankie Molnar

Josie Symmons (vid)

Synergy Naomi Adam Joe Stein (vid)

Artistic Events - Freefly Open

Dark Halo Kyle Chick Nathan Smith Mason Corby (vid) needing to go the full 10 rounds! To finish all the comps meant gaining 16 minutes of daylight, so there was no being late to the plane or Emma would eat you for dinner and the other jumpers were knee-capped off the 10-way Speed Star loads to save the minutes. Success!

A big day of comp was spread out amongst the 8-way Inter and Open, the Artistics, a few Speed Stars and even a 4-way Canopy Rotations team enjoyed a few rounds. The up-and-coming 8-way Open team Velocita, who had been hand-picked by Simone Bambach and Ebone, seemed to have the edge over Cat Scratch Fever, gaining a point on each round

The Cats were scoring less than the average they were achieving in training and on their second last round called in alternate, Michael Vaughan, to cover Andrew Barker's terrible tummy and on the last round Tracey Basman copped a hefty kick to the head, confirming that they simply just had a bad comp. Velocita earnt their place on the Australian parachute team and a week later Laurence Garceau said she "still hasn't come down from the clouds."

The Inter Freefly event was a lot of fun for the competitors who were learning a lot about the Sporting Code and what judges want. The talent was even across the board and so they got to experience the rollercoaster ride of position changing, all teams enjoying the feeling of being in a gold medal position for at least a couple of rounds. The delay in the InTime system for this particular event meant the suspense of the final placings was held right through to the medal presentations that night. The local girls, Pure Blonde, clearly and loudly were the most excited about winning! Meantime the local duo of Blake Hooper and Pony took the two most heavy duty types of people they could think of for their team name of Ninja Gansters. They impressed their peers, but not so much the judges, with their rather graceful execution of hard moves. They made it look too easy! This again sparked the talk of having a freeflyer advisor on the Judging panel and/or calling for freeflyers to become judges. Their competition was another military team, Dark Halo, who had a great comp and gave the Ninjas a definite run for their money. Looking forward to seeing the progression at next year's Nats!

The Freestylers wowed the crowd, Naomi's same routine was still a pleasure to watch, but



it was the newcomers who stole the show. The judges had their work cut out for them trying to judge the two drastically different styles: Frankie's solid technical moves and Amandine's fast dynamic. With only 0.3 difference after the last round, they both deserved a gold medal!

In the middle of it all, three 10-way Speed Star teams made the quick trip to 8,000ft and had a blast. One team had their fingers outside the plane and their camera switch kicked off on exit anyway so scored a zero while the other team had a slow building 10-way with only 8 in time. Riss Anderson gave a funny rendition of bull rider Paul Osborne falling flat on the floor in the door and porpoising out on his belly. It's still uncertain what the etiquette is for the divers in such a situation. It all came down to one round in the end, the fastest completed star in the working time.

The very last load consisting of Velocita on their 10th round and a bunch of fun jumpers enjoyed the visuals of a magic sunset. This was not the first beer line to be crossed that afternoon! As important and constructive as the Competitors Meeting was, it only took the Medal Presentations to fire everything back up. MC Wade Edwards and the monster Nationals raffle were hits, with about 100 prizes up for grabs. The major prize of the custom Vortex2 container was won by John Friswell. The sounds of clanking medals could be heard well into the night as those bearing them were making the most of the only time they can wear their medal without being a dork. Canadian Rob made lycra the new nude and Mosstradamus was heard imparting his wisdom to all who'd listen. The evening was deemed by Blake Hooper as "most clangtankerous".

So the future of competition in Australia looks promising, especially if the Military teams continue their regime. The year ahead will see many a training camp in the lead up to what is promising to be a gold plated Mondial World Champs in the oh-so popular Dubai. The teams are fired up - Valkyries have already scheduled Australian training camps every month from now to November and Oookoonono's training schedule includes the US Nationals. The media hub, staffed by Stephanie Campbell of the APF, Sonja Bruss of Ramblers and Mark Laing on video edit, did a fantastic job putting out media releases that are still making the papers today!



"It's the emergence of Military teams! We are all very happy about the support we received from the competitors, organisers and judges, we're chuffed and we're excited about

putting more Military teams in future competitions. Big thanks to our coaches Mason Corby, Tyler Baird, Naomi Adam and The Addicted." Frankie Molnar, Freestyle & VFS medalist







8-way Inter

Head 8 Travis Wood Marilyn Tomlinson Keiran Tomlinson Ben Nordkamp Matthew Coles Kate Langley Kate Rogers Michelle Unruh Calder Chernoff (vid)

Bruz Bruz Bruz

Alan Moss Oliver Fong Paul Behan Andrew Fabbro Nerissa Anderson Gabriel Phillips Josh Costa Lisa Perdichizzi Steve Fitchett (vid)



























Artistic Events - Freefly Intermediate

TSC Grant Hoffman Simon Fox Aaron Nuttall (vid)

I.T. Marc Degacz Phil Kemper Wayne McLachlan (vid)

Pure Blonde Georgia Roberts Charlotte Allen Susie McLachlan (vid)

Ninja Gangsters Andrew Bain Blake Hooper Shea Convery (vid)

10-Way Speed Star

SEQS Speed

Chris Rose Lisa Perdichizzi Greg Maskell Michel Cona Brad Turner Rob McIntosh James Shotton Alan Moss Oliver Fong Andrew Fabbro Paul Beahan

ohfar

Travis Wood Calder Chernoff Maz Tomlinson Kieran Tomlinson Ben Nordkamp Mat Cole Riss Anderson Paul Osborne Archie David McEvoy Susie McLachlan

The Band Back Together

Shaun Hagan Mike Dyer Mark Edwards Jim CZ Jamie Beck Tibor Glesk Janine Hayes John Frizwald Paul Osborne Dave Boulter Archie Jamieson













Artistic Event Freestyle

2

3

POS	TEAM	1	2	3	4	5	6	7	8	9	10	TOTAL
1	404 - Rotor Out	24	15	16	17	15	19	18	16	14	16	170.0
2	401 - Team H	22	16	13	16	14	16	19	16	15	16	163.0
3	402 - Valkyries	15	10	10	8	8	11	13	11	10	11	107.0
4	403 - Ezekiel 25-17	14	9	11	9	10	10	12	9	8	11	103.0

Formation Skydiving 4-Way Intermediate

POS	TEAM	1	2	3	4	5	6	7	8	9	10	TOTAL	
1	303 - Ayr Monkeys	14	12	12	18	17	11	17	11	12	12	136.0	
2	302 - Flat Attack	12	11	8	8	16	8	11	11	10	9	104.0	
3	305 - Arizona Ayrchix	8	8	8	6	9	5	9	7	6	9	75.0	
4	304 - Brut 4ce	8	7	6	8	3	6	6	7	9	3	63.0	
5	301 - Air Parkers	3	4	6	3	2	2	4	1	4	2	31.0	
6	306 - Bench Mark	1	1	2	0	0	0	2	2	1	0	9.0	

Formation Skydiving 8-Way Open

Formation Skydiving 4-Way Open

POS	TEAM	1	2	3	4	5	6	7	8	9	10	TOTAL	
1	802 - Velocita	10	7	9	10	9	9	9	9	8	11	91.0	
2	801 - Cat Scratch	10	5	8	9	8	6	9	10	6	8	79.0	
	Fever												

Formation Skydiving 8-Way Intermediate

- 1 2 3 TOTAL POS TEAM
- 701 Head 8 4 4 7 15.0 1 702 - Bruz Bruz 3 5 4 12.0 2
- Bruuu7777!777
- Vertical Formation Skydiving Open
- POS TEAM 1 2 3 4 5 6 7 8 TOTAL
- 1 501 - The Addicted 7 4 11 6 5 0 7 8 48.0

Vertical Formation Skydiving Intermediate

- POS TEAM 1 2 3 4 5 TOTAL 552 - German Sparkle 4 4 3 4 2 17.0 1 Party
- 2 551 Example 0 0 2 0 1 3.0

Artistic Event Freefly Open

- POS TEAM 1 2 3 4 5 6 7 TOTAL 902 - Ninja Gangsters 3.2 4.4 3.9 3.9 5.6 5.4 4.7 31.1 1
- 901 Dark Halo 3.4 0.4 3.5 2.8 2.9 3.4 3.4 19.8 2

Artistic Event Freefly Intermediate

POS TEAM 1 2 3 4 5 6 7 TOTAL 933 - PURE BLONDE 0.6 2.9 0.9 3.1 2.6 5.2 2.9 18.2 1 931 - IT 1.5 1.4 1.2 5.7 0.8 4.6 1.0 16.2 2 3 932 - TSC 2.3 0.8 2.9 2.0 2.9 2.0 2.2 15.1

1721

[loarus]

CANOPIES











POS TEAM 1 2 3 4 5 6 7 TOTAL 4.8 4.0 4.9 4.7 4.5 5.1 4.8 32.8 961 - Syneray 1 962 - WD40 1.8 1.6 1.8 2.9 1.9 3.7 3.1 16.8 963 - Equilibrium 2.8 0.8 2.6 3.1 0.4 3.2 3.6 16.5

Can	opy Formation	4-	War	5	equential
	TEAM				4 TOTAL
1	651 - K4	3	2	3	0 (T) 8.0

Canopy Formation 2-Way Seguential

POS	TEAM	1	2	3	4	5	6	7	8	TOTAL
1	203 - Ookoonono	24	23	18	22	22	18	20	20	167.0
2	202 - Wades Team	4	8	5	3	5	7	5	6	43.0
3	201 - Chaps	1	5	5	4	3	3	2	4	27.0

Precision Accuracy Landing

POS TEAM 1 2 3 4 5 6 7 8 10 TOTAL 9 106 - Janine Hayes 06 03 01 02 04 04 00 05 02 03 30 102 - Mike Dyer 01 05 04 04 16 04 02 01 02 04 43 02 01 09 05 10 02 00 03 07 07 109 - Dave Boulter 46 3 02 02 00 02 101 - Tibor Glesk 04 04 01 16 16 08 55 5 105 - Andv Pike 03 05 10 00 03 00 06 09 10 16 62 111 - Mark Edwards 16 08 03 02 09 05 03 06 6 05 57 108 - John Friswell 14 02 13 03 02 13 02 02 08 59 7 110 - Jamie Beck 11 16 06 16 16 07 06 07 16 101 8 103 - Jim Czerwinksi 05 16 04 16 13 07 16 13 15 105 q 104 - Shaun Hagan 16 16 05 16 16 14 08 16 16 123 10 11 107 - Chris Poole 16 16 16 16 16 16 16 16 16 128

Sport Accuracy

POS	COMPETITORS	1	2	3	4	5 TOTAL	
1	Jason Ford	0.00	0.18	0.23	0.24	0.14 0.79	
2	Archie Jamieson	15.50	0.00	0.19	0.00	0.10 15.79	
3	Shaun Hagan	1.30	0.64	3.73	11.58	1.97 19.22	
4	Kenton McLeod	15.00	3.43	0.00	3.52	0.00 21.95	
5	Luke Oliver	30.00	1.37	0.00	3.08	0.14 34.59	
6	Matt Hart	30.00	1.88	5.15	30.00	5.79 72.82	
7	Michael Holmes	26.90	6.60	25.12	11.42	7.62 77.66	
8	lan Robertson	5.31	45.00	1.39	0.30	44.25 96.25	
9	Danielle Adair	45.00	6.33	30.00	30.00	8.73 120.06	
10	Jim Czerwinski	4.71	20.11	45.00	45.00	45.00 159.82	

Precision Accuracy - Team

POS	TEAM	TOTAL
1	Andy Pike, Janine Hayes, Chris Poole, John Friswell	112
2	Tibor Glesk, Mike Dyer, Jim Czwerinski, Shaun Hagan	150
3	Dave Boulter, Jamie Beck, Mark Edwards	169



Feeefallsupporteom Serious Skydiving Gear

"We loved the interaction and positive approach we got from nearly all competitors who recognised we were labouring under demanding conditions. Please competitors, think about contributing your own talents to the judging room one year when you may be considering an alternative to competing. This applies to all past competitors too - stay involved, be a Judge, travel the world, hang out with skydivers. It's a great vocation when your jumping days might be nearing an end." Gail Bradley











































Thankyous Organiser: Skydive Ramblers Meet Director: Steven Geens **Nationals Controller:** Lisa Perdichizzi Chief Judge: Jenni Plumridge Chief of Judging & Scorina: Gail Bradley **Event Judges:** Ray Williams AE Lindy Williams CF Jenni Plumridge FS

Faye Cox ACC Judges: Bruce Towers Craig Bennett Deb Hobbs, Fave Cox Gail Bradley Jenni Plumridge Jim Moir Lindy Williams Ray Williams **Trainee Judge:** Sheena Simmonds Jury President: Brad Turner **Pilots**: John McEvoy Roger Spinks Jon McWilliam Matt Cole DZSO: Rodney Wilson Dave McEvoy Manifest: Emma Wald IT expert: Marc Dergacz Media: Stephanie Campbell Sonja Bruss Mark Laing Video Controller: Wade Edwards **Dubbers:** Paul Harris Tintin Scoreboard: Ben Reugebrink Shana Harris **Ramblers Manifest:** Anna-Marie Johnson Alicia Birchell Margaret Andersen Bar: Toogoolawah Skydivers Club Inc.

^{АБМ} 15

Kitchen:

Maureen & Fiona





First Jump Nerves The plane is on jump run, my mouth is dry, adrenaline is surging giving hot flushes (that or manopause) and I'm breathing slowly and deeply to try and keep my nerves under control and to maintain focus on the jump amongst mental chaos (funneling the exit, brain mals, making the right moves, not letting my team mates down, not letting my family down, all the time and money that's been invested etc. etc.)... no, this isn't my first jump – it's Round 1 of competition!

Even though I've been here before, there's nothing like the fear and exhilaration of Round 1. The challenge is managing that fear to maximise performance. As a team we were about to put our training, both physical and mental, to the test.

As Patrick slides his helmet on, I know we're a couple of miles out. A couple of deep breaths, I slide my helmet on... my mind empties of all the distractions and now just visualising the round a few more times. The door opens, Patrick climbs out, then Craig, Steph and then Gary and I stack up... lots of movement as we get into position and take up our grips, then, all of a sudden, a calm quiet - Steph commences the count and we're about to catch the wave... we're off. All the training and visualisation is paying off as we start to reach terminal. The pace is accelerating and the team is moving together with cold aggression - really positive, confident but calm moves (if only all the rounds were the same). A couple of minutes later we land and we know we're off to a good start.

Going up against a formidable team such as Team H consisting of former Aussie, Swedish and US (Airspeed) champions of course didn't help! The pressure was really on...

Gold As the competition unfolded Rotor Out managed to maintain a narrow lead, but come Round 10, the pressure was still on to perform. We had funneled a few exits in training and I guess we all knew that could be the difference... so, back to visualising the positive and after a relatively safe Round 10, we knew on landing that we had done it with only three busts! It was all absolutely worth it as well as the congrats, hugs and kisses and of course the beer.

What did it take on the road to Gold? Time, money and experience are givens, but patience, compromise, ability to take criticism for the best of the team and working as a team to find our own rhythm and dynamic are key. Pretty much like any relationship!

The Line Up We got together late last year with a few "let's see what it feels like" jumps at Picton. The jumps were solid, so we kicked off our training with coach Shannon Pilcher with a 4-day tunnel camp in Singapore. The tunnel camp gave us a good grounding and also allowed us to consider a change in slots for the front piece. Steph and I swapped our home slots which worked out great and also gave us a strong dynamic where slot switches were never really a concern.

FORMATION SKYDIVING 4-WAY OPEN CHAMPS

Rotor Out

Stephanie Vaughan Michael Vaughan

- Gary Nemirovsky George Attard
- Palle Nygren (vid)

We had planned about 200 jumps, but ended up with about 130 jumps. Our exits weren't as strong as could be and with another 50 jumps we would have been feeling confident and strong. Our training consisted of a number of 3-4 day camps, a six day tunnel and jumping camp in Eloy. During the course of our training we experienced love taps, grip switching, the dolphin, Joey Jones turns, death stares and just a few funnels... plenty of "popcorn" for Patrick.

The team consists of:

- Gary "The Florist" Nemirovsky at Inside Centre (Sydney): a rock solid quarterback and stalwart of the Australian formation skydiving scene - this was Gary's 10th successive gold medal in 4-way!
- Stephanie "Big Mama" Vaughan (née Bensley) at Outside Centre (Melbourne): one of the most dynamic formation skydivers in Australia and the nickname is definitely not for her size but the fact that even though she's the youngest member, she's by far the most mature!
- Craig " The Excellent Driver" Vaughan at Tail (Steph's place): His military and law enforcement skills ensures that we are an extremely well-organised bunch, all done with a great sense of humor. Great exits and makes chasing us around the sky look easy with his Inspector Gadget reach.
- Patrick (or Palle) "Swedish Meatballs" Nygren on Camera (Nagambie): cameraperson extraordinaire, a man of few words, but who enjoys his popcorn at the movies in freefall watching the carnage unfold.
- And of course, me at Point (Singapore): many nicknames have been ascribed over the years, too many to mention here, although Rainman keeps popping up....

All in all, a good bunch who have known each other for many years and whose friendship extends beyond skydiving.

Thanks We would like to express our sincere thanks to the following who have supported us on our journey: Australian Skydiving, Bridgewater and Ralph for being accommodating with our training plans and Karla for her planning and support; Cookie Composites - Cookie's helmets are simply the best;

Icarus canopies - we've all been jumping them for years and appreciate the support of Jyro and Attila; XRF Scientific (Steph's employer) for their generous donation to the team: Vic-Tas Parachute Council for the Competition Assistance Funding: Coaches both past (too many to name). but in particular present thanks to Shannon Pilcher for his competition insight and crafting a training schedule that would bring out the best in us.

George Attard



FORMATION SKYDIVING WOMENS 4-WAY OPEN CHAMPS

Valkyries

- Stephanie Vaughan Kate Rogers
- Kate Langley Michelle Hales
- Riss Anderson
- Shannon Straubinger (vid)

What a ride! Nine months from conception to Nationals... jeepers...the birth of the Valkyries. Being such a young (well, inexperienced and youthful – if



not actually young) team, and having had no competition experience together and limited competition experience in general, we went into the 2012 Nats relatively blind with our expectations. Our last training weekend a few weeks out had been a completely befuddled, depressing mess... with our rather patient coach, Simone Bambach, shaking her head at us and wondering what she'd gotten herself into! Pretty sure there were some blue moods as we headed back to our respective homes to dwell on our performance.

When we met at Brissy airport a couple of weeks later, moods had skyrocketed! I think we were pretty excited to be finally putting ourselves to the test. We had a couple of cruisy days enjoying Toogoolawah DZ (Ramblers being my home DZ -was great to play host to the team for a change), the sunshine and a bunch of pressure-free jumps. Thankfully these jumps went really well and our concerns from the previous camp were relieved! The draw saw my nemesis being pulled for an exit – TYPICAL, bloody 21s... grrrr. We took out a bow.

Comp itself... wowzers, talk about some nerves on jump one! When we finally got the scores we discovered we were in third place – TOTALLY unexpected. Somehow we managed to keep that placing for the next few jumps. Two of the rounds in the middle of the comp saw us lose third place following a funneled exit and a bit of a camera mal... but over the last few rounds we made up the lost ground and gained it back. It was a fight the whole way though and my nerves on Round 10 were actually WORSE than on round one – DOH... and I'm pretty sure it showed! Not our finest jump, but enough to secure BRONZE.

So now with a National medal under our belts, and being the highest placed women's team (surprise surprise), we are OFF TO DUBAI come World Meet time in November. Between now and then our monthly training in Sydney and a tunnel camp in the US. Woot woot... bring it on! I LOVE SKYDIVING!" Riss Anderson



FORMATION SKYDIVING 4-WAY INTERMEDIATE CHAMPS

Ayr Monkeys

Alan Moss
 Andrew Fabbro
 Paul Behan
 Oliver Fong
 Lisa Perdichizzi (vid)



"It felt good to know that the time and energy we put into training paid off. The "vibe" you get from competing in the Nationals is indescribable – the feeling at track off after round one is like having 100 Redbulls, only better." Mossy

"All the training and preparation we got from Mossy still didn't come close to preparing me for the feeling leading up to and finishing the first round of comp. It was more intense than the feeling from my first skydive.

It was unbelievable how much my flying benefitted from not only the training but also from our team dynamics and feeding of the all the experience that congregates at Nationals. Everyone so willing to help you out. Thanks guys!" Pauly





FORMATION SKYDIVING 8-WAY OPEN CHAMPS

Velocita

- Simone Bambach Peter Etherton
- George Tang Clayton Gill Troy Crotty
- Russell Blackman Vernon Quek
- Laurence Garceau Scott Neander (vid)



VERTICAL FORMATION **SKYDIVING 4-WAY OPEN** CHAMPS

The Addicted

- Kim Hopwood Cath Comyns
- Lucas Georgiou Tim Golsby-Smith
- Scott Hiscoe (vid)



"I was extremely pleased with our team performance to win the 8-way National competition this year. We put in a solid performance in every round to set up the win. I think several things helped. First is that we trained very hard - 12 jumps a day, doing two different jumps in a row and lots of drill work to learn the basics. This meant when we got to the Nationals the team found the actual competition quite relaxing and so we had very clear heads for the jumps. Another factor was being prepared for the difference in the competition aircraft by doing a couple of days training out of Ramblers caravan. Due to the breakdown of the other aircraft we ended up doing all the competition jumps from Ramblers aircraft and we had 10 good exits from it. I also think we felt like a well prepared team thanks to the assistance from Sydney Skydivers and the Australian Parachute federation and really looked the part thanks to our Cookie G3 Helmets and Airsuit jumpsuits." Peter (Ebone) Etherton





"This years Nationals was a great learning experience. We got our first -3 score which was exciting! It was great to see the two new inter teams (including the Army - awesome!). This year we are aiming to get out and encourage even more teams to step up. Seeing the success of Velocita in 8-way Open has been really inspiring, so we hope to get something similar happening with VFS. Stay tuned! Thanks to Sydney Skydivers for their support" Scatty

ARTISTICS EVENT FREESTYLE CHAMPS

Synergy Naomi Adam Joe Stein (vid)



CANOPY FORMATION 2-WAY SEQUENTIAL CHAMPS

Dokoonono

- Jules McConnel
- Michael Vaughan
- Craig Bennett (vid)





"In the lead up to the Nats we only did about 50 training jumps which is not a lot for our new team but we were pretty happy with where we got to and looking forward to improving on what we are doing before we get to Dubai. The Nationals comp was good. My new teammate Joe is awesome, brilliant, we work really well



together. The other two freestyle teams did a superb job and they should both be very proud of what they achieved. As usual the Artistics got left to the end, but I was glad to see that a bunch of people hung around and didn't disappear after their comp." Naomi Adam

"The Nationals 2012 were the best event of the year for me, and this year I have been in a few. It was the perfect combination between a wild boogie and a serious competition. With all the best skydivers in the country, my best mates, my kids and the Skydive Shop, it was just a mind-blowing week. Bring on Dubai!!!" Joe Stein

"Thanks Toogs for the best Nationals in a long time! Awesome jumps with Michael and Crash under our new wings (thanks NZ Aerosports) - definitely our best ever performance at a competition. We were in a great headspace after a week of training at Moruya and with an awesome load of CRW Dogs to compete with - thanks CHAPS and 202! Oh and what an eye opener doing 4-way sequential - heart racing before every jump, doing all the things I coach people not to do - ha ha SO much FUN starting again! Here's to K4! Looking forward to Dubai and a big Aussie team to be a part of :)" Jules McConnel

Team Profiles

PRECISION ACCURACY CHAMP

Janine Hayes



"40kgs of rigs delivered to Dave Boulter by Cam from Naggers on Sunday for the trip to QLD. Booked my flight ticket on Monday for a Tuesday departure, made train by 1min to Melbourne, flight delayed, made bus to Caloundra by 5mins, met by Dave for road trip to Toogoolawah with Tibor and Jim, tent erected by said team mates, luxury site with inbuilt swing and coffee machine... it's shaping up to be a good time!

Found McEvoy and Mossy on first night holding up the bar. I had the mandatory beer, listened to Mossy's amazing flying escapades and consoled Dave that the weather would stay good for the rest of the week... already feeling at home!

Up early to walk the strip for the next few mornings of spectacular moon sets and sunrises... great catching up with old friends, that's what it's about.

Two days of solid training, good pilots, great atmosphere. I avoided the wrath of Mongrel Manifester Wilson and admired the energy of

Belgie - always doing something, going somewhere and getting things done. Argued with Towers about wearing his hat, chatted to the judges... very relaxing.

Followed the exploits of Ookoonono, Rotor Out and the Ayr Monkeys, thought the Arizona Ayrchix had the best name, aircraft fantastic, shame the Super Caravan died... as an aircraft owner it is a cruel blow. We were lucky to do a fun 10-way as well as some accuracy. I spent more time under canopy than I did in the aircraft getting to height.

Two days of accuracy competition in tricky conditions, later I get to wear an Australian National title. Proud yes, humble I hope so, happy you bet... it really meant a lot. A few tears, some beers, red wine, a champagne and a night finishing at the fire completed my celebrations.

Thanks to everyone it was a dream nationals and I look forward going to a Mondial in Dubai with a fantastic bunch of people. Congrats to Mike and Dave and to my team mates Frizzy, Andy and Chris. A special thanks to Hillsy, Sionainn and Ellis, my very supportive family, and last but not least a big thank you to Tibor for all his coaching over the years, his strength of character as a true champion really showed in this comp." J9

ARTISTIC FREEFLY INTER CHAMPS

Pure Blonde

- 📕 Georgia Roberts
- Charlotte Allen
- Susie McLachlan (vid)



"Fun boogie vibe with goal oriented jumps... Toogs Nats 2012 was awesome! 5 star!" Georgia Roberts "Wild amounts of fun!" Charlotte Allen

"I was thrilled to video the Pure Blonde girls, even though I'm not one! Intermediate Freefly is always a happy place for me (that and Speed Stars). I don't seem to have an over-active competitive spirit like many, I put this down to being an only child and not having to share, and so I tend to favour the fun side of jumping. They say blondes have more fun, reckon they are right!" Susie Mc



VERTICAL FORMATION SKYDIVING 4-WAY INTER CHAMPS

German Sparkle Party

- Erica Tadokoro IJenny Gordon
- Christopher Cosgrove Richie Convery
- Mark Gazley (vid)



Do you like to Dance-i-dance?

"Erica 'Oodle' Tadokoro battled all forces to get a scratch team together -German Sparkle Party - and boy did we have our Rubber Boots on, to Dancei-dance. Round 1 saw us absolutely boogie our butts through the sky, with our most solid exit for the whole comp. First wiggle together and we're partying! Highlights included our Buddy Buddy which had us boogying a little too far away from our cross partners. Good job keeping us in frame Gazley!

Certainly the thing that made the biggest impression on me was the attitudes of everyone competing. Being in the same plane as our Australian Champions, The Addicted, as well as our competition from the Army. Thanks everyone, and thumbs up for next time." Jenny Gordon

SPORTS ACCURACY CHAMP





"Great to be back jumping at Toogs again, catching up with old friends making new ones. The quality of jumping in all disciplines was outstanding and the bar keeps getting raised higher. Nice work everyone. Thanks Ramblers" Fordy





Ninja Gangsters

Andrew Bain
Blake Hooper
Shea Convery (vid)



Now all gather round You won't want to miss a sound And hear this short tale That I'm going to wale

It's a spiel of discovery About an amazing thing I did see Told without a fib or word of a lie Although I can't be sure I wasn't high

I was just past toogs, about a mile Over some farmland thats fertile It passed the corner of my eye Of what it was I came up shy

Up there it was in the sun Like a stuka planning its run What was that? I did say Such smooth skills, such an awesome display

Surely it must be a ninja

No way said my friend It's too bad ass for zen It's got coolness stacking But its cold like its packing

Surely it must be a gangsta!

So we did summerize With our eyes on the sky That what we had found Was all mixed around

What it was, was a Ninja Gangsta! Blake Hooper





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SKYDIVE EXPO

NAME OF COMPAREMENTS

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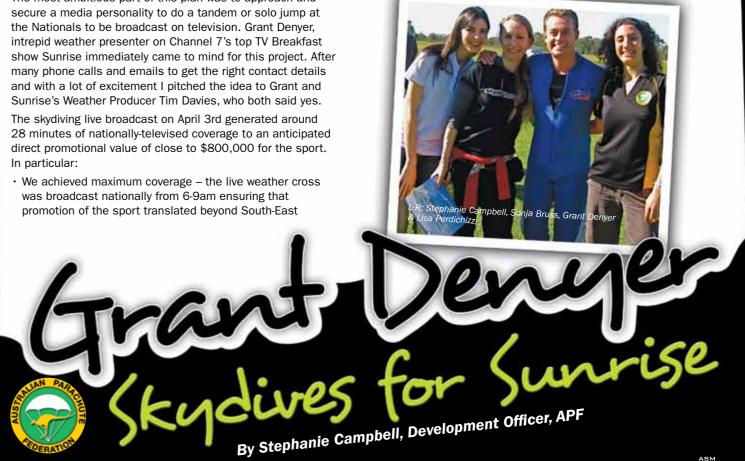
At their last meeting in November, the APF Board gave the National Office a new mandate – grow the sport and grow it quickly. A decision was made that the APF, in addition to fulfilling its conventional administrative and regulatory functions, should now adopt a fresher, more proactive approach to its involvement in the sport. Specifically, the APF needed to demonstrate leadership by being at the forefront of developing strategies to progress, promote and protect the sport to ensure its long-term sustainability.

As Development Officer, it was with this more hands-on approach in mind that I set about developing a media strategy to generate coverage for the sport through the National Championships. I had two main objectives:

- (1) Use the event to promote the sport to non-skydivers and encourage their participation; and
- (2) generate positive coverage of and interest in the National Skydiving Championships.

The most ambitious part of this plan was to approach and

was broadcast nationally from 6-9am ensuring that promotion of the sport translated beyond South-East



Oueensland to the benefit of all of our affiliated member drop zones across Australia.

- · Grant loved his jump and did a brilliant job of endorsing every aspect of the experience to the audience to encourage participation by the non-skydiving community.
- One of our Nationals teams, Velocita, was thrust into the spotlight, increasing awareness of Formation Skydiving in the community.
- The APF presented Grant with a Certificate to undertake his first jump course, valid at any APF affiliated drop zone. to provide further avenues for promotion of the sport via Grant's involvement.

Further spin off television coverage also resulted for the Nationals as the evening TV news, social and online media outlets ran stories on Grant's jump and noted that the Sunrise broadcast was to promote the upcoming National Skydiving Championships.

While it can be acknowledged that the Sunrise broadcast was a resounding success, it is important to realise that it isn't an end in itself. To progress the sport we need to be in this for the long haul; we can't rest on our laurels and we need to keep the ball rolling with sport development initiatives.

The Sunrise broadcast worked because members, clubs and the APF worked together to achieve a common goal by pooling unique individual talents and resources. These are the kinds of productive working relationships that achieve truly great results so we look forward to your continued support in the future as we continue to support you. Together we can make many more positive sport development initiatives like

this a reality to benefit skydiving and the Federation as a whole.

With that in mind a big thank you must go to everyone involved who helped to make the Sunrise development initiative possible. Special thanks to:

- The Sunrise Team: Grant Denyer, Tim Davies, Trent Miller, Peter Morris, Nick Manolis, and James Petch
- · Lisa Perdichizzi (our fantastic camera flyer wouldn't have been possible without you!)
- Dave Boulter (load organiser and brains behind the camera set up)



• The Ramblers Team – special mentions to Sonja Bruss, Dave McEvoy, Roger Spinks, Steve Geens & Wade Edwards

- · Valkyries Women's 4-way FS team Michelle Hales, Kate Langley, Kate Rogers, Nerissa Anderson and Shannon Straubinger
- · Velocita 8-way FS Team Simone Bambach, Peter "Ebone" Etherton, Clayton Gill, Laurence Garceau, Troy Crotty, George Tang, Vernon Quek, Russell Blackman & Scott Neander
- The APF National Office

We look forward to working with you to deliver many more exciting sport development initiatives in the future. Watch this space!

Grant Denyer Skydives for Sunrise



By Lisa Perdichizzi Photos by Lisa P, Wade Edwards and Alison Raynor

When I was asked by the APF to film Grant Denver's skydive, live for Sunrise on Channel 7, I instantly said yes – I just couldn't pass up such a fantastic opportunity! But, I really didn't know what I was in for until I received a photo of the equipment I was going to have to wear to broadcast the signal live to TV! My first thought was "Whoa! How am I going to wear that?!".

I arranged the extra time off work and was all set to do the practice jumps with the Sunrise crew the day before. Three vans, half a dozen guys and loads of audio/visual equipment turned up at the DZ and we got acquainted with the process and the gear. The broadcast kit was on a harness and weighed about 7kg, plus I had radios, ear

pieces, receivers, batteries, cables and gaffer tape galore, not to mention my own rig and

camera gear. Rodney Wilson, the DZSO, checked it all out, gave me a hug and said "nice knowing you".

The first test jump I did was with Rotor Out, Aussie 4-way team, on a training jump. They all looked really nervous for me! Palle Nygren on camera kindly let me share the camera step with him and we were away! It was like flying a giant rudder - bit hard on the turning, but OK overall! It worked a treat and the crew was happy with the result. After a couple more jumps, the star of the show arrived for some introductions and we were all set for the big day!

Early start in the morning and with a few changes in the plans we were ready for our first broadcasts. We did a few ground segments to set the scene and then it was decided we would do an extra jump live with the Valkyries, ladies' 4-way team. The ground crew was nervous about the broadcast timing and requested that I climb out for up to one minute before the jump. I could do that! But, due to some miscommunication I was sent out well before the jump run and while I was hanging out there by myself the pilot was turning the plane sharply, not once, but twice. I couldn't get anyone's attention in the plane to stop the pilot turning, and after what seemed like eternity, my fingers were peeling off like a scene from "Cliffhanger".

It was the longest, most boring and lonely freefall I have ever done! The funny thing was that I could hear Kochie and Mel broadcasting on TV while I was in freefall, saying that I was filming the formation skydivers when there was clearly no one there! A guick interview under canopy had them in hysterics because they couldn't believe that I accidentally fell off the plane!

Oh well, time for the big jump!

Grant Denyer was super calm, professional and funny. He too was rigged up with a flak jacket full of electronics, a head phone gaffer taped to his ear and a Go Pro and aerial strapped to his arm. He was very excited and maybe just a touch nervous. The plane ride went fast as we went to 11,000ft to get the best signal. Grant kept up his excitement throughout the plane ride and tandem master Steve "Belgy" Geens was Mr Cool as usual. This time we weren't going to take any chances with an early climbout. Grant was being interviewed right before the jump, told me when to get out and spoke the whole time! What a pro! The exit was perfect and the broadcast quality was brilliant!

My brief was to stay within 100m of the tandem at all times because I had the receivers for Grant's microphones on my kit. Belgy and I teed up a close opening sequence and it would have been great except that I had line twists - nooo!!! While I was unsuccessfully trying to kick them out all I could think was that I was getting further and further away from Grant and I could practically hear everyone on the ground shouting "chop it, chop it, chop it!!". After what seemed like forever, I came good and I could see Belgy spiralling like crazy to get down to me - by doing "donuts", as described by Grant!

As soon as we were close enough, Grant was able to do the weather broadcast under canopy. It was really strange flying next to a tandem where the passenger is filming himself reading off a piece of paper under a parachute! He did a brilliant job, as expected, and the landing was great.

The group interview at the end was very positive and Stephanie Campbell from the APF presented Grant with a fully sponsored First Jump Course/AFF Stage 1 at a drop zone of his choice. He was so ecstatic that he broke into song and dance: "I'm going solo, I'm going solo!!".

What a fantastic introduction to our wonderful sport! Here's hoping we get to do it all again for Grant's first solo jump.



Footage can be viewed at:

http://au.tv.yahoo.com/sunrise/video/-/watch/28810556/













Swooping is the best part of skydiving accelerated descent, recovery force and the visuals of speed are a delight to the swooper's soul. 10th – 12th February

I arrived a week early and was picked up at the station by Koppel Solomon. It was raining and had been for several days. At the DZ, I went to check out the course. The pond is 120 meters by 40 meters wide. The first set of gates were 45 metres from the water's edge. That is a lot of water to cover. Swoop competition is in three parts: Speed, Distance and Zone Accuracy.

All require making the first 10 metre wide gate. Part of the swooper's body must break a beam 1.5 meters above the water. The APF provided recently purchased InTime scoring software and timing gear. This system gave very accurate run times and gate confirmation.

through wins.

Distance competition allows the swooper to fly above the second and subsequent gates obviously trying for the longest swoop. Gaining altitude after the first gate helps to gain more distance, according to the seasoned swoopers.

Zone Accuracy is the most complex. Swoopers must pass some body part through the first gate, but can rise above subsequent gates. Points are given for dragging the water and in Open the competitor must drag at least one gate. Then, the pilot must fly over a bust zone and land in increasingly valuable zones. Landing beyond the highest scoring zone takes points away and overshooting the course is a bust. Zone Accuracy involves continuous evaluation and possible modification of the swoop. For example, excess velocity can be washed off with a deeper toe drag.

Shannon Pilcher from the Performance Designs Factory Team led a series of 2-day Swoop Sessions. He taught proven competitive techniques, what has worked for the best pilots and what should work for us. He videoed our landings and gave advice on how to approach the next. Shannon also said that the best time for a swoop camp is not immediately before a competition. For the competition we should "run what you brung", meaning don't try to change too much of what we already know.

Shannon's coaching was significantly assisted by funds from the APF, SDF, NSWPC, VTPC and the SQPC. Thank you all for your commitment to this training.

For the first practice run I set up my normal 270 degree right hand swoop, pulled down hard on the right front riser, came around and did a respectable swoop through the course. That's what I brung, but it was woefully inadequate for running with the big dogs.

The experts set up at their ideal height and depth from the gate (depth determined by wind conditions), raise the toggles, pull down on front risers, and initiate the slightest harness turn. Then let the speed build through their preferred rotation, whether 270, 450, 630 degrees, or more. Look for the gates, line up, raise the fronts and allow the canopy to recover. There are a few other mechanics as well, but that's the basic move.

I continued to practice. My self-taught technique, honed over years of swooping local DZs, needed a complete overhaul. The veterans coached me to slow down the initial turn, letting it speed up as I came at the course.

By Curtis Morton Photographers: Andrea Lancaster, Angelique Pierry, Ben Lewis, Jen McRitchie Kaz Sheekey, Lisa Perdichizzi and Robbie McMillan



www.parachutesaustralia.com

The Talon FS has been developed in response to the exacting demands of today's skydiving, from Formation Skydiving, Freefly and VFS to Wingsuiting and CRW. No matter what your passion, this container responds to it all.

In February 2012, I took my canopy skills to the Australian National Canopy Piloting Championships hosted by Sydney Skydivers in Picton, New South Wales. There's a big difference between swooping the landing area and competition. It was time to see how it's properly done.

The **Speed** competition is 70 meters long (56 meters for Inter) and carves around a 53.48 meter radius arc, staying below the 1.5 meter gates. Fastest



абм **27**

2012 Australian National Canopy Piloting Championships

It became more difficult to hit those short little gates. Swooping a competition course requires consistent setups and execution. From the first gate to water's edge is 45 meters, and to hit the gate means you have to be flying horizontal well before the first gate.

Putting it all together - setup, execution, accuracy and speed - to successfully run the course is a significant skill. Mistakes can be high or low. Too high and you sail way over the course. Too low and you hit water. Of course, that's why it's there. In training, Brave Hamish hit the water in a spectacular way, cartwheeled through another 40 feet and, thank God, landed in the water. He was very sore and took a week off to recover. If you are going to hit something, water is more forgiving than earth.

The other competitors were generous with their knowledge. They offered excellent advice and encouragement. People who I'd read about for years, like Kaz Sheekay and Drew Lipinski, as well as old friends, Michael Vaughan, Ronnie Perry, and Robbie McMillan, helped me improve. Fellow Inters, Shannon Straubinger, Glen Farrell and Fully Sik, also provided much needed support.

In training, clouds and rain were an ongoing issue. Though we only put out four swoopers per pass, even four were too much





sometimes, and soon only two per pass exited. A few times the cloud base was under 2,000ft and some landed off the course.

My technique improved. At the end of one day I executed a text book swoop – what the coaches had been coaching. Ronnie walked all the way out to the pond to congratulate me. It was a good day. I still had some relapses in training, but it was better than when I arrived.

Competition Day started with a weather hold for two hours. Finally the Intermediates got sent up. Luckily, we got to land downwind. I had mentally rehearsed this 100 times. I exited third on the second pass. Focusing on my set up and mechanics, I approached the pond. At 600ft I initiated the right hand 270 and came around facing the gates, but was too high. Close, but no gate is no score. Arg, now I was hungry for another try. The other Inters are very good and Fully Sik took top score for this round with a majestic run through the course.

The Open competitors went up for their first round and they showed us how it's done. Stunningly accurate swoop mechanics for 270, 450 and 630 degree turns, fast landings - beautiful to watch and aspire to. But the clouds closed in and we were back on hold.

Later the skies cleared somewhat but swoopers were faced with a headwind. The Open competitors cut through it like eagles - amazing. In the Intermediate group, we looked at each other knowing our chances of staying dry are much less. Our load was called and we boarded the plane. I was visualising a path through the course using as much of the crosswind element possible when Meet Director, Jon McWilliams called us back. The weather granted us a reprieve and we went on another hold. The wind was over Inter limits but ok for Open, so they continued to Speed Round 2. The sky was blue for the first time in days.

Billy Sharman (UAE): "Australia here we come! The morning we arrived in Australia expecting Blue Skies and hot weather and that was exactly what we got! Never thinking that the rest of the week would be filled with clouds and rain almost every day. But as they say the SHOW must go on...

It had been a long time since I had visited Picton. Not much had changed, except there was a beautiful pond and some other small changes to the facilities. As I had expected the Aussie folks welcomed us with open arms and warm hearts! And luckily they did...

Living in our little JUCY camper overlooking the pond was a great way to wake up every morning. We began the week with preparations for the comp with a few training jumps over the next couple of days, having to deal with waiting for the clouds to lift somewhat so we could get in the air.

Then the comp began. I was impressed with the organization and speed that allowed us to complete a discipline every day. Mr Vaughany and his crew of ground staff that took care of the pond and also replacing any BOUYs or course markers as you call it did an absolutely stunning job. It was good to see that so many people were competing, especially in the Intermediates category with nine competitors. We all have to start somewhere. It was amazing to experience the friendships and support amongst the 39 competitors. THERE is a lot that can be said about your hospitality and friendship.

Concluding, it was a great competition and I want to thank Crash all the Judges for making this event happen. It was interesting to experience the effort that has been put into exposing Canopy Piloting to the public. Once again, thank you Sydney Skydivers and all the Aussies. I shall be back..."















Katsu Kishi travelled from Japan to compete: "This competition was very benificial to me. I enjoyed this experience and will continue swooping. Thank you everybody!"





















Winds went down, Inters went up! My second Round Speed run was another bust - missed that gate again. Maybe being humbled is a good thing, but boy it stung. The other Inters looked good. As the competition progressed I noticed even some of the Open swoopers were missing that first gate. This swooping thing is indeed a fine skill. I busted again on the third Round and only then started to relax. I had stressed greatly on doing well and now that dream had passed. I was now just hoping to learn and improve.

After the Speed Comp was complete, the winds blew over limits and the day was called. Everyone gathered in the canteen and watched a most magnificent thunderstorm. In our playground above Picton, Mother Nature played her own game. It rained so hard the pond overflowed a torrent onto the grass landing area. Adventurous boys braved the storm and rode a surfboard down the temporary rapids. Tomorrow we would compete for Distance.

Open Speed medals	Inter Speed medals
Gold: Billy Sharman	Gold: Fully Sik
Silver: Erika Dufort	Silver: Nathan Smith
Bronze: Kaz Sheekey	Bronze: James Cooper



Saturday morning was cloudy with no wind. Swoopers prepared with stretches, coffee, breakfasts, some walked around the pond. Just prior to take off, the wind shifted for a downwind run. Inters again were the first load. This time I was on the first pass, more relaxed. I focussed on the moment. The pond came up, the canopy levelled and I swooped through the course with my best run so far. I missed the gates again and bust but it felt great and I cheered as the other competitors completed their runs.

I scored on Round 2! Possibly the best feeling in a long time. The range of emotion between a bust and a score is extrordinary. Watching the others, I celebrated their successful runs and mourned when some bust. Though it was a competition, empathy amongst the group was strong. These were amazing people to be near. Distance finished with Billy Sharman nearly breaking the Australian record. The clouds took over the sky and dropped another

deluge. The comp would resume Sunday morning.

Distance medals	Inter Distance medals	
: Billy Sharman	Gold: Fully Sik	
r: Erika Dufort	Silver: Michael Rogers	
ze: Gary Hamilton	Bronze: Shannon Straubing	jei
	6	



Zone Accuracy started on a brilliant, clear Sunday morning. There was a light mist on the pond. The swoopers went through their personal preparation rituals. Inters got to skip the first two gates and must only hit the third. A toe drag gets extra points. I landed in the water on the second Round. What fun. Of the three comps, this was the most exciting. Seeing Australia's best swoopers drag 45 meters of water, then land, or try to land, on a 2x2 meter target is

> After 7,300 jumps and eighteen years of skydiving, I've competed

Nationals and it was

the sport I love.

Vaughan, well run by Jon McWilliam and graciously hosted by Phil Onis. The other participants were all champions - patient, inspiring and super helpful. This is the best side of skydiving. This is

gripping. Visually, this event stands with any Olympic feat.

Open Zone Accuracy medals	Inter Zone Accuracy medals
Gold: Drew Lipinski	Gold: Michael Rogers
Silver: Kevin Walters	Silver: Andy Stewart
Bronze: Andy Woolf	Bronze: Nathan Smith

Open Overall medals	Inter Overall medals
Gold: Erika Dufort	Gold: Fully Sik
Silver: Billy Sharman	Silver: Michael Rogers
Bronze: Kevin Walters	Bronze: James Cooper



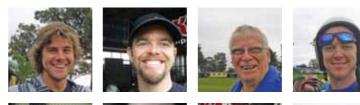














Liam Davies (NZ): "I had an awesome time! It was great being able to come over and compete at my first nationals. I learnt so much! Everyone was so welcoming and helpful! I will definitely be back and hopefully I will be able to bring some Kiwis over with me!"



with the world's best."







Aussie!"







Chief Judge, Craig 'Crash' Bennett: "The 2012 Australian CP Nationals at Picton were one of the best swoop meets I've ever been involved in. The good management and near exclusive use of aircraft saw us finish on time with no re-jumps, with time to spare for some freestyle on the last day. Aussie swoopers and judges are up there

We were using the APF's newly purchased InTime scoring software along with the gate and timing gear which has also been purchased by the APF. The lack of problems we had and the speed with which we were able to get the results out proves that the APF has made the right decision by purchasing this gear, which is versatile enough to be used at any swoop course in the country.

At the start and end of the comp, we had great competitor's meetings where rules and possible changes to them were discussed positively and constructively. I'm looking forward to the future of swooping in

















Erika Dufort (Canada): "Attending the Australian Parachuting Nationals might have been an overwhelming experience, if it wasn't for the amazingly warm Aussie welcome. Arriving directly from the Sydney airport, I was immediately introduced to a number of new faces and promptly shown around the Sydney Skydiver facilities (thanks Glenn Farrell!). Although the weather wasn't exactly ideal, a combination of great planning and about the nicest manifest lady I have ever met, allowed qualifying to be completed with ease. As the competition ensued, I was shocked at how well the timing system functioned. It was quite wonderful as a competitor to never have to worry about a rejump! Not a single rejump during the entire competition – that has got to be some sort of record and on my behalf highly appreciated. I attribute my unprecedented performance to an amazing pond, relaxed atmosphere, nice facilities and good company. I will never forget my first Aussie experience (how could anyone forget that much rain??!). Thanks to everyone involved in the planning for facilitating such a smooth event and thanks to all the canopy pilots for such a fun competition! See you next time!











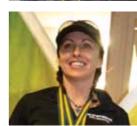


















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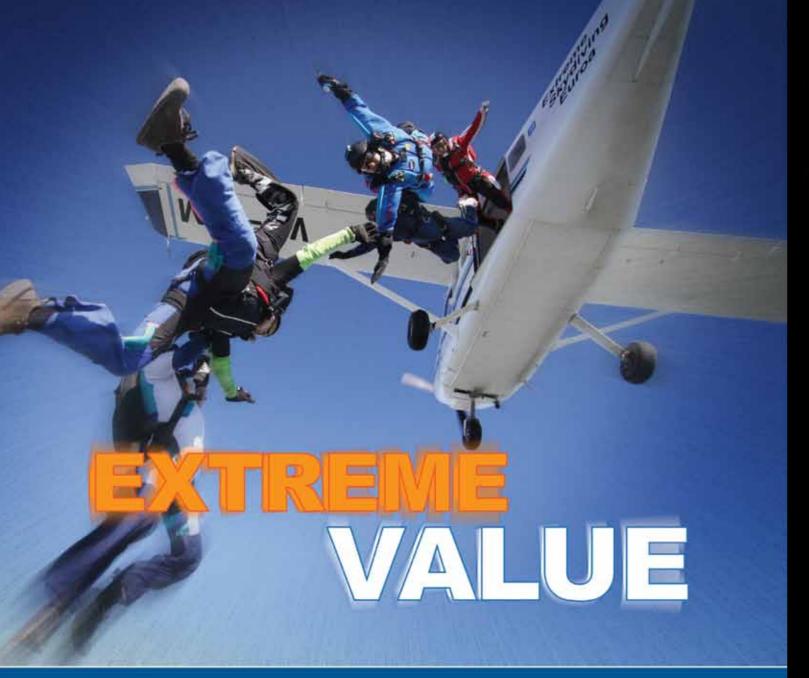












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IT HAS BEEN A BUSY YEAR FOR RELWORKERS UNLIMITED MEMBERS AS WE COME OUT OF THE VICTORIAN WINTER. TO KICK START THE UPCOMING SEASON OFF, RWU HELD A WINTER SOCIAL EVENT FOR THOSE WHO WERE GETTING ITCHY FEET FOR THE WEATHER TO WARM-UP. ABLY ORGANISED BY MATTY HYLAND, WE DESCENDED ON THE FITZROY LAWN BOWLING GREENS FOR A THURSDAY NIGHT OF BAREFOOT BOWLING. A GREAT NIGHT WAS HAD WITH SOME OF THE GANG SHOWING THAT THEY POSSESSED MAD SKILLZ & FOR SOME REASON MAYDAY THOUGHT RIGS WERE REQUIRED! DEFINITELY AN EVENT WE WILL ENDEAVOUR TO KEEP ON OUR CALENDAR FOR NEXT YEAR.



4W4E1

RWU then got the actual skydiving stuff kicked off in September with one of our core events – 4 Way 4 Every 1. This is an event that RWU has been running for many years and is the perfect stepping stone for new skydivers to meet and jump with people they might not get the opportunity to otherwise. 4W4E1 is a single day event, hosted by Skydive Nagambie, where the focus is on teaching and improving flat flying skills. Beginners to intermediate jumpers are put into 4-way teams along with an experienced jumper and a coach. Each team is then allocated a handicap by the Judging panel don't ask us how the handicap is determined, it is some sort of black magic known only by Gail Bradley.

We were blessed with excellent weather after what had been a pretty wet winter. Six teams were assembled for a "friendly" three round competition, with Alchemy taking the Gold medals after scoring 18.86 points. They were closely followed by Dockers with 15.05 points and two teams fighting hard for 3rd place, finally taken by Fully Sik on 13.46 points.

Tammy Poduloch clearly needs lots of "reassurance" after taking home the Encouragement Award for the second year running! Nigel Brennan from Skywerx donated a free Cypres service for the Encouragement award, thanks Skywerx. Events like this don't just happen and RWU owes a huge thankyou to our fantastic coaches for donating their time and knowledge - cheers to James, Steph, Craig, Carsten and Talis. We also need to thank our Judge for the day, Gail and of course the whole gang at Skydive Nagambie.

LEAGUE

The next core event that we had ready to go was RWU's Victorian Skydiving League for 2011/2012. Rounds 1 & 2 were hosted by Skydive Nagambie with a healthy turnout of five Inter teams and two Open teams. By Round 2 we had another team in both Inter and Open. We must make mention of the great work by the Kaos boys from Commandos at Tooradin, as they each took a team under their wings for this season which has boosted the numbers nicely.

By Sarah Brown & Scott Clark Photos by Colin Johnson, Shannon Straubinger, Rob Delaney, Dan Rossi & Scott Clark





RELWORKERS

More great weather saw each round of competition being contested over five jumps, which is very different to the previous season where we only got one jump at some rounds. Round 3 was piggy backed off the VTPC State Meet, as there were a number of events on various calendars and we just couldn't squeeze everything in. So, the first five scores from the State Meet counted toward totals for teams competing in League.

The Victorian State Meet was held in stifling hot weather at Australian Skydive, Bridgewater, over the Australia Day weekend. Ralph and his crew kept

things rolling along nicely and the competition hotted up with only six points separating the top three teams. The Judges had the best spot on the whole DZ for that weekend with 27 air conditioners running (ok, maybe it was only 2 or 3 aircon units) to keep the computers from cooking themselves. There was also a team down from Nth Qld to compete at the State Meet prior to going onto the Nationals - Ayr Monkeys showed us what a lot of training and tunnel time can do for a serious Inter team, these blokes ran riot over the rest of us, good luck guys.

LEAGUE GRAND FINAL

The Grand Final of this year's season was held at Bridgewater in March where we were greeted by beautiful clear blue skies and a light Southerly breeze, perfect conditions to round out the competition. Scores were reset to zero and all teams came out swinging. Serious game faces were on and everyone was keeping a close eye on what other teams were doing. It only takes one team to devise a funky exit to put the wind up all the others, which results in some rushed dirt diving and new stack-ups being practiced literally on the way to the aircraft.

As the day progressed it became clear that "Hunny Snuggle Cuddle Buddies" (their silent protest at having to use a media friendly name!) were way out in front. "4 Waysted with Dan" and "Load 4" continued a six month battle with scores from every jump being within one or two either way. Phil decided that he didn't like bow-ties, chopped it and had to use his backup rig for the last few jumps.

The APF arrived with a big microscope to check everything out which resulted in a few delays, meaning some teams did more dirt-diving whilst others caught up on some sleep. Thanks to Ralph, Stasia, Karla & Tash for keeping us fed and loads rolling as quickly as possible. Special mention to James the Pilot (aka The New Guy) who went from answering auditors questions straight back to 10.5k seamlessly, although the smell of a hamburger in the plane had a few people realising they were still hungry.

22 Points

So, there it is - League for 2011/2012 is done & dusted!! Winners are grinners and the following teams are grinning:

My personal thanks to Sarah, Drew, Matt and Michelle for the effort that goes into organising League. A large amount of great work gets done behind the scenes purely on a voluntary basis and all by text messages and emails, thanks guys. Thanks to everyone who participated throughout all of the rounds, a special thanks to Jenni for devising the draws and judging (often into the evening) and the folks at Skydive Nagambie & Australian Skydive for putting up with us. See you all again next year.

INTER

Ken Hills All Stars

GOLD – Hunny Snuggle Cuddle Buddies	31 Points
SILVER – 4 Waysted with Dan	24 Points
BRONZE – Load 4	24 Points (countback
OPEN	
Scritch	31 Points













FF4E1

The next event on our full calendar was another development event in the form of Free Fly 4 Every 1, run in early February at Skydive Nagambie. Along the same lines as 4W4E1, the aim of FF4E1 is to provide novice freeflyers the opportunity to get some one-on-one coaching in the guise of a handicapped competition.



Unlike previous years, where both 4W4E1 and FF4E1 are run concurrently over a weekend, the increasing interest in Freefly meant that we needed to run this as a stand-alone event. Five very willing coaches donated their time for the day to jump with 14 eager participants. This is the largest turnout to a FF4E1 event in RWU's history and looks like it's only going to get bigger and better for next year.

The tutors jumped hard all day from Load 1 until the XL was back in the hangar. It was a long day but by the end there were 14 novice freeflyers with a bucket load more skill than what they started the day with. The smiles

on everyone's faces said it all. The bling went to Sonya Gelman (Gold), Jai Campion (Sliver) and Duncan Marwick (Bronze) with Maria Luise Bauer taking out the "Most Promising Freeflyer" award. = Huge thanks to Hass, Jonny, Barnett and Shelly. Macca & Clayton joined in after chucking drogues all day couldn't resist could you guys?!?! Special mention to Lins & Sarah who went above and beyond to make this event happen and also Rob Delaney for running outside video & stills (the edited footage is very cool and can be viewed from our facebook page).















RELWORKERS







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RWU is eternally grateful for the continued support of our sponsors. As you all know there are many very generous

OUR SPONSORS

companies in the skydiving industry and we are fortunate to be supported by big names such as Cookie Composites (www.cookiecomposites.com), Icarus Canopies (www.nzaerosports.com), Skywerx (info@skywerx. com.au) and the VTPC. Without continued sponsorship, we couldn't do these events and we look forward to ongoing support for 2012-2013.

WHATS NEXT?

RWU has plenty more events planned before the winter takes hold again. Keep an eye out for exciting events such as City Jumps, an 8-way weekend and just maybe a CRW weekend as well. We have the Annual Skydivers Ball scheduled for Friday 4th May where all the medals and sponsor's prizes will be handed out, and maybe a beer or two might get downed.

Check our webpage at jump.relworkers.org and "Like" us on Facebook at www.facebook.com/groups/relworkers

VICTORIAN CHAMPS

"On behalf of the Ayr Monkeys we all had a great experience at the Vic Champs. The team has some tunnel time and about 80 jumps together and we needed to do competition training in preparation for the Nationals. It was a long trip from Townsville (about 2,500 kms) but the experience was vital and well worth it. The DZ was great and everyone was extremely welcoming. Thanks Ralph for the wind blades and your hospitality.ongratulations to the VTPC Champions in 4-way intermediate "4-waysted" and 4-way open "Chuck Norris". Alan "Mossy" Moss

State 2012

4-Way Formation Skydiving Intermediate											
Team	R1	R2	R3	R4	R5	R6	R7	R8	R9	Total	Ave
302 (Ayr Monkeys)	11	10	9	12	13	10	9	12		86	10.8
301 (4 Waysted)	3	6	7	7	1	3	4	6		37	4.6
305 (L4)	4	7	2	5	3	3	7	3	-	34	4.3
306 (Quatro)	4	4	4	2	4	5	4	4		31	3.9
303 (Bombdigity)	1	6	1	3	3	5	2	5		26	3.3
304 (Dodgy Bros)	4	4	1	2	2	2	2	3		20	2.5

State 2012

4-Way Formation Skydiving Open											
Team	R1	R2	R3	R4	R5	R6	R7	R8	R9	Total	Ave
401 (Chuck Norriss)	11	12	9	7	7	9	8	9	-	72	9.0
403 (Skritch)	10	11	8	8	8	7	12	5	-	69	8.6
402 (Kenny Hills All Stars)	6	6	5	5	-					22	5.5





In April 2010, Raise the Sky organised Project XRW to bring together the most highly skilled athletes in canopy piloting and wingsuiting to explore the interaction between the two disciplines. After the growth of our activities and several safe projects in various locations (see Timeline), we kicked off an expansion phase at Skydive Sebastian in January and then partnered with Skydive Dubai for seven straight days of training with an expanded 13-person Project XRW team.

With over 30 jumps together, the team coalesced and achieved goals that had seemed impossible a month before. There were many firsts: a tight 11-way mixed flock over the Palm Jumeirah, one of Dubai's most famous landmarks; a 10-way vertical XRW flock; a three-stack of canopies with a wingsuiter docked underneath; side-by-side CRW style docks with two 2-stacks of canopies and wingsuiters docked underneath; and a Mr. Bill rodeo transfer with a smooth, extended docked formation including the canopy pilot, freefall jumper and wingsuiter.

As Project XRW grows from a stunt into a discipline, some very important questions arise: what does it take to do canopy-wingsuit relative work safely? What activities are included under the XRW banner? Is it even possible to talk about safety in the context of an activity so cutting edge, there are no rules to govern it? The team behind Project XRW, as well as other highly experienced canopy and wingsuit pilots in the growing XRW community, have been grappling with these questions as we strive to educate ourselves and other skydivers. The answers are important for everyone, from those who want regulate or even ban XRW to those who want to be the next participants.

YDIVEDUDA

By Taya Weiss Photos by Jeff Nebelkopf, Mark Harris

Is there a path to XRW?

There are no regulations or even recommendations for the path to doing XRW. Eli Bolotin, the Project XRW ground crew coordinator, is now spearheading a data-gathering project using sponsored FlySight GPS units and weighing participants for wing loadings. "We had an opportunity this time around, because there were so many people with different backgrounds, to collect actual data. With that, a picture will start to emerge," he said, "but in the meantime, if we say anything in terms of a concrete recommendation, and it turns out to be wrong, that's just irresponsible. At this point we are trying to get all the information we can, following people's instincts with years and years and years of expertise."

Some, like Skydive Elsinore's John Hamilton, see XRW as a risk not worth taking. "Our policy at Skydive Elsinore does not endorse XRW as a discipline. People by nature will push themselves too quickly in an effort to emulate the top level performers in our sport," said Hamilton. "The adoption of XRW into our sport as a mainstream discipline has the potential to further push and or encourage younger jumpers to jump equipment which may be above and beyond their abilities too quickly, thus potentially pushing the envelope further which may result in additional injuries or fatalities."

One thing that the team behind Project XRW is very clear about is the difference between fly-bys and the development of XRW as a discipline. What we do is very well planned, controlled and focused on minimising the speed differentials between

wingsuiters and canopy pilots. Fly-bys are not a way to learn XRW. The best method to prepare is to learn to flock with other jumpers in the same discipline.



Can XRW be done safely?

The Performance Designs Factory Team has led XRW on the canopy piloting side because of their deep experience flying highly loaded parachutes in close proximity. Niklas Daniel, an emerging XRW canopy pilot who started his XRW training with Tagle, highlighted the difference between solo training and what is needed in the XRW environment: *"If someone wants to get into this, it's important to do flocking jumps with either canopies or wingsuits, respectively. You need to spend a lot of time flying relative to other people and really learning your canopy. Only after doing a lot of relative work within your own discipline can you start to cross over. Learn where the burbles are."*

On the wingsuit side, the flyers are specialised in high performance, pressurised wingsuits as well as formation flying. Jeff Nebelkopf and I are organisers and participants in all recent large wingsuit formation records.

Tagle has repeatedly said he "highly discourages" people from "trying this at their home drop zone with a couple of guys that have a couple hundred wingsuit jumps and maybe a thousand jumps even under a cross-braced canopy. It can be extremely dangerous."

Some canopy pilots use trim tabs to steepen the glide ratio of the parachute by holding down the front risers mechanically. Tagle emphasises, "I don't recommend trim tabs at all – they are incredibly unsafe. They are just a Band-Aid fix that we are using currently, until we find a better system. And you have to remember that you don't know what you don't know. We haven't experienced it all. We still try to think of circumstances that could possibly arise, and how we address those issues, but this is all still brand new."

> With over 30 jumps together, the team coalesced and achieved goals that had seemed impossible a month before...

Achievements

Mixed Canopy-Wingsuit Flocks

- Tight 10 and 11-way mixed flocks over the Palm Jumeirah, one of Dubai's most famous landmarks.
- The first ever 10-way vertical XRW flock.

XRW CRW

- Three-stack of canopies with a wingsuiter docked underneath and others in formation.
- Two 2-stacks of canopies flying side by side with a wingsuiter docked surf-style underneath each stack.

Mr. Bill Rodeo Transfer

 A canopy pilot exited and deployed while holding onto a freefall jumper. Flying together under the single canopy, they met up with and formed an extended docked formation with a wingsuiter. The freefall jumper transferred from the canopy pilot to the wingsuiter's back and flew away in a rodeo configuration.

TJ Landgren, a canopy pilot who has taken docks with multiple wingsuiters but has not yet flown in mixed formations with other high performance parachutes, is landing his JVX 63 at between a 3.5 and 3.8 wing loading. TJ explains his progression: "In the beginning, I was jumping VX 69, loaded at 3.1 and using trim tabs. I started increasing the wing loading to up to 3.8 with 30 pounds of weight. After flying that for a while, I concluded that it was unsafe because I was overloading the reserve too much. That's when I stepped down to a JVX 63 loaded at 3.5."

With an exit weight of 225 pounds and many years in the sport, this is an option that he can choose but does not recommend for others. "Ask a lot of questions of people who have done it before," he insists. "I'm happy I asked Jonathan Tagle as many questions as I possibly could before I got started."

Daniel, who eventually settled on flying a Velocity 75 wing loaded at 3.26, uses trim tabs but not with other canopy pilots. He says: "I got my special risers from the manufacturer, which I hope will add a layer of responsibility to the process. Canopy pilots should think twice about asking for them if they don't have the right experience and mentorship, and manufacturers should check the backgrounds of those who request them. Don't go and try it on a whim. It's not that it's unachievable, but it needs to be approached very carefully."



EL HOTTE

Canopy Pilots:

Jonathan Tagle (Organiser) Timmy McMaster Billy Sharman Mikeal Stevens Wuzi Wagner

Wingsuit Pilots:

Taya Weiss (Organiser) Jhonathan Florez Barry Holubeck Will Kitto Roberta Mancino Mike Swanson

Wingsuit Videographers:

Jeff Nebelkopf Mark Harris

Team Manager: Eli Bolotin

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10-

Ground Crew: Dan Dupuis







So what does it take to get an invite to Project XRW?

Mike Swanson, who joined the team in Sebastian and Dubai, put it this way: "Everyone who is doing this now has been in the sport a long time, and is a professional. And when things go wrong, they go wrong really fast. And it's amazing to see how fast they go wrong."

The best practice for XRW is a long, steady, dedicated progression in wingsuit formation flying or high performance canopy piloting, including flocking. There is no easy formula; you may have thousands of jumps and still not have achieved the right skill set to do XRW safely. If you have questions, seek out mentorship and advice from those of us who are active in the tiny XRW community.

Raise the Sky: Why We **Do It**

Raise the Sky continues to organise our Project XRW team around contributing to Flying Dreams, a program where athletes raise funds and awareness for schools catering to low-income and underserved children. Making our dreams of flight real requires resources, knowledge and understanding of everything from wind and weather to flight patterns and run-in speeds. When skydivers visit schools to inspire kids with their own lofty goals, we not only teach the next generation to believe in the impossible; we remind ourselves to "walk the walk" and make knowledge, learning and safety our highest priority in expanding our horizons.

Led by a \$1,000 personal donation from Jonathan Tagle, Project XRW Dubai team members gave twice that to a Flying Dreams school in South Africa, the Pastoral Centre Preschool and Creche. Over 300 kids, many of them orphans and all growing up in extreme poverty, will receive nutritional, emotional and educational support with this contribution increasing the chance that they will grow up to change their community for the better.

What Can Possibly Go Wrong?

Just in case you were starting to think it's easy...

Exits: For wingsuiters, flying larger suits and being very focused on watching and following canopy pilots that can be hard to see out the door creates a higher risk of a tail strike.

Approach: Collisions are always a danger, as in any formation flying. Wingsuit flyers aiming at canopies must have them visible at all times on the approach and take great care in being precise with their aim and flight path. Multiple wingsuits on approach towards canopies need to also be aware of each other to avoid a collision. Finally, high performance canopy flocking comes with its own set of risks, and adding wingsuiters takes away much of a canopy pilot's range to use evasive maneuvers.

Relative Work: A wingsuiter creates the same vortices that a canopy creates, and just as two canopies move towards each other when bumping end cells, a wingsuiter can get sucked into a canopy's burble, leading to injuries from contact with taught lines ("like a cheese slicer") and the possibility of a difficult malfunction for the canopy pilot.

It is very important in vertical formations to maintain wingsuit slots only at canopy pilots' body level - at the bottom of the formation – to make sure canopy pilots have clear "outs" should they need to make evasive maneuvers.

Surf-style docks could result in a premature deployment as the canopy pilot may engage in some aggressive handling of the wingsuiter's rig.

When flying smoke to highlight flight paths, chunks can fly off from smoke canisters without screens on them, risking hitting others in the formation because of the different positioning of wingsuiters relative to canopy pilots.

Breakoff: Wingsuiters flying in front of canopies have the potential to burble the high performance parachutes, which can cause malfunctions.

Landing: For canopy pilots, the risks of landing very highly loaded canopies have been well documented. Trim tabs add another layer of risk.

Data Roundup

Wing loadings well over 3.0 and sustained freefall speeds in the low 30s are numbers hard to imagine for most skydivers. Elite athletes are pushing the bounds of what is possible in the sport and the details of how others may be able to participate are only now starting to emerge. In short, we do not recommend that anyone try XRW at home!

GPS: FlySight GPS units sponsored by Bionic Avionics helped the team to grow a pool of data, monitor wing loadings and track flight paths. The flocks seemed most comfortable when the vertical speed was between 30 and 35 mph.

Canopies: Performance Designs Competition Velocities, 71 square feet.

Front Riser Trim Tabs: A specialised tool to steepen the glide ratio of the parachute by holding down the front risers mechanically. Jonathan Tagle emphasises, "I don't recommend trim tabs at all - they are incredibly unsafe. They are just a Band-Aid fix that we are using currently, until we find a better system." At the higher wing loadings, the participants did not always need to use their front riser trim tabs. This is important, as the use of trim tabs can reduce the stability of the canopy.

Wingsuits: Tonysuit X2s, an advanced, highly pressurised suit requiring hundreds of wingsuit jumps to safely master. Wing Loadings: 2.5 to 3.2 on the most successful jumps. Even changing weight by a mere 2.5 pounds noticeably changed the performance of the flock.

RAISE THE SKY'S PROJECT XRW TIMEUNE

Canopy-wingsuit interaction has a history longer than Project XRW. This timeline represents the evolution of a specific project with a dedicated and highly experienced team of wingsuit flyers, canopy pilots, data crunchers and ground crew managers.

April 2010

Project XRW: Moab

Raise the Sky organised the first stunt branded "XRW" (eXtreme Relative Work), a term coined by Taya Weiss. Jonathan Tagle of the PD Factory Team flying a Velocity 71 parachute and Jeff Nebelkopf flying a TonySuit X-Bird wingsuit linked up in a surf dock configuration. Videographer: Phil Peggs. Ground crew coordinator: Eli Bolotin. Charity Benefit: Operation Freefall, "the Two-Mile High Stand Against Sexual Assault".

September 2010

Proiect XRW: Elsinore

Jessica Edgeington of the PD Factory Team and Taya Weiss of Raise the Sky became the first women to achieve multiple sustained docks between a wingsuit and parachute. The expanded team, including PD Factory Team members Tagle and lan Bobo and wingsuit pilots Nebelkopf, Will Kitto, David Gershfeld and videographer Peggs, flew the first mixed wingsuit-canopy flock and double rodeo docks (two docked wingsuit-canopy pairs in surfing configuration).

Charity Benefit: Raise the Sky launched the Flying Dreams Project to benefit and inspire children in under-resourced schools.

February 2011

Project XRW: Abu Dhabi

At the opening ceremony of the International Defense Exhibition (IDEX) in Abu Dhabi, United Arab Emirates, a mixed flock was presented as a demonstration jump for the first time. Participants included Edgeington, Tagle and Bobo of the PD Factory Team, and wingsuit pilots Weiss, Nebelkopf, Peggs, Barry Holubeck, Jeb Corliss and videographer Craig O'Brien.

August 2011

Project XRW: New England

In the skies over Skydive New England in Lebanon, Maine, Edgeington and Weiss paired up for a low-key exploration of XRW performance at lighter wing loadings. Weiss's exit weight is approximately 133 pounds and Edgeington wears 35 pounds of weight in competition. They were able to fly proximate without trim tab risers and take sustained hand docks at far lighter wing loadings than anything that had been done before.

January 2012

Proiect XRW: Sebastian

The team expansion project includes PD Factory Team pilots Edgeington, Tagle and Bobo, wingsuit pilots Weiss, Nebelkopf, Kitto, Holubeck, Mike Swanson, Roberta Mancino, Jhonathan Florez and Mark Harris. The group flies the largest mixed wingsuit-canopy flock to date, a 9-way. The team also experimented with and achieved multiple configurations of 7 and 8-way formations and the world's first XRW CRW-style surf dock.

Charity Benefit: Raise the Sky's Flying Dreams Project at Vero Beach Elementary School in Florida.

January-February 2012

Project XRW: Dubai 3D

A tight 11-way mixed flock over the Palm Jumeirah; a 10-way vertical XRW flock; a three-stack of canopies with a wingsuiter docked underneath; side-by-side CRW style docks with two 2-stacks of canopies and wingsuiters docked underneath; and a Mr. Bill rodeo transfer with a smooth, extended docked formation including the canopy pilot, freefall jumper and wingsuiter.

Charity Benefit: Raise the Sky's Flying Dreams Project at the Pastoral Centre Preschool in South Africa.





About the Author

Taya Weiss is a founder of Raise the Sky, a non-profit organisation that links skydivers to charitable and humanitarian opportunities. She was one of the first jumpers to explore mixed wingsuit pilotcanopy pilot formations and coined the term "XRW". Taya graced Australia with her presence at the Skysisters Convention in 2011. Taya can be reached at taya@raisethesky.org



GOING LIVE ON LINE FINALLY!

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By Mike Tibbitts (age 30 and 3/4) Photos by Jarno Cordia

With wingsuits pressed tightly against our bodies we lined the runway in eager anticipation of the miraculous South China Airways God unleashing upon us a great hero wingsuiter who'd travelled from beyond the rising sun to hold us each as individuals and whisper in our ears that we may too, one day, become tall and noble skymen. We'd cleared the drop zone of lumpenproletariat, freeflyers and the sundry lingering

maniacs who would no doubt bring ruin and sadness upon the best laid of our plans.

After much waiting and careful rationing of the raisins we'd bought for sustenance, he turned up via the driveway, making our runway effort look rather stupid, but by this point pretty much all the cheerleaders were dead anyway, so much of the expected glossy sheen was already lost.

Quickly regrouping, we surrounded his car and offered him raisins. He emerged with a cocky smile and an air of assuredness that lasted until we heard his ridiculous Dutch accent. After introducing himself and Eli, his supremely skilled and youthful assistant, and briefly checking over his shoulder to make sure that it was indeed a chicken farm behind him, we verified the picture on his library card and made sure this was indeed the one and only Jarno Cordia.

Though unmistakably shorter in real life and with an eye significantly lazier than the newsreels let on, he's overcome his insidious Dutch-ness to claim more medals at International Artistic wingsuit competitions than you lousy, irresponsible skydivers have points on your licences. He's been flying wingsuits almost since the beginning and has had his hand in the development of more than a few across the Birdman and Phoenix Fly ranges. He'd been persuaded to come and play in this sunburnt corner of the world by Ania Skup, who organised everything from start to finish, then sadly wasn't able to get to the DZ to do any jumps! Sad face.

Over the next week, amid all the general wingsuiting badassery, five eager new pilots were run through their FFCs. Leon, who come all the way from Perth, very quickly progressed with some one-on-one coaching and soon found himself launching (intentional) barrel rolls rather brilliantly off the door. Jin was so taken by it he now borrows anything he can get his hands on, even if it does look like a Christmas tree. Murph even admitted in a candid moment of drunkenness that, "this is heaps better than that freeflying nonsense."

Jason Dos Remedios could be seen leading some ridiculously tight flocks on his back with Eli flying rings around the formation videoing

WINGSUITS AT BRIDGY

all the madness of people vying to squeeze in just that little bit closer. Paul Easterbrook's love of wingsuiting overpowered his body's inherent susceptibly to major shoulder surgery and jumped like a hero all week. Douggs took a break from his endless travelling, jumping and wingsuiting, to travel and do some wingsuit jumps. Before he could yell "hey, get out of my stuff!" we'd rummaged through his belongings and tried out any new suits he'd brought with him from across the wide spectrum of the Phoenix Fly range.

We had the run of the DZ during the week, loads went up when the wingsuiters felt the need and the well fitted-out student debriefing room was the epicentre of post jump triumphantalism and the occasional wail of sorrowful laments.



Interrupting the week nicely was Australia Day, we dragged most of the camp down to Melbourne where we held a very sophisticated BBQ in the summer sunshine and talked about our feelings before just getting appallingly drunk and showing Jarno what being Aussie is all about.

Eventually though, we shook hands, hugged and watched Jarno and Eli's horses disappear over the horizon with all the sadness of two friendly obsolete robots forced to fight to the

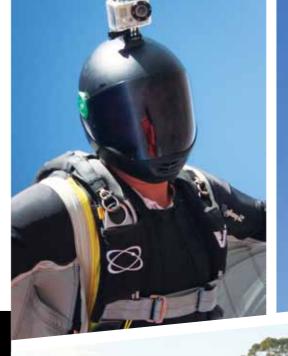
death in the twilight of a late summer's evening. Very fortunately though, he loved it so much he'll be back again in November to organise round two at Bridgewater and then he'll lead the wingsuiting at Nagambie's Full Moon Boogie.

A giant thundering thank you to Jarno and Eli for being there and being phenomenal, thanks to Ania for bringing an excellent idea to fruition, thank you to Ralph for the facilities and the loads and thank you to all the wingsuiters who made Jarno enjoy being with us so much. Hooray!

"After a year of wingsuiting on and off and no coaching I, like many other people, jumped on the chance to be a part of the first Phoenix Fly wingsuit camp held in Australia with Jarno Cordia. Fortunately for the people who attended we not only had the expertise of Jarno coaching but we also had Eli Gerris attend, running big ways and flying camera for the formation loads. The week consisted of planned formation loads for horizontal and also vertical stacking during the jumps with each individual member flying their allocated slots to the dirt dive and exit briefings.

I like many others on the camp, took so much in from the detailed briefs that Jarno gave after every jump, whether it was from a 1-on-1 jump that took place or a first flight wingsuiter, to the large formation loads. Everyday we could all see the confidence growing by learning from Jarno and Eli, so much so that by the end of the week people who had never even attempted a barrel roll were leading 10-way formations on their back!

A highlight for all during the week was to fly in formation with Eli as he led two jumps in a tracking suit, with both flights at 111 seconds. Thank you also to Douggs who attended and was a great inspiration to all, and proved you can never stop learning and also for his seminar which you could not attend without a beer." Paul Easterbrook





"When Jarno approached me on the camp and said 'Hey Candice, wanna come ride my wingsuit?' I quickly blew off my mate Doan Vu (sorry about that Doan, once in a lifetime opportunity!!) and said "Hell Yeah!!" So, here I am in the plane, with 10 other wingsuiters, thinking 'how did this happen?' It was one of those most memorable jumps! Thanks to all the wingsuiters on that load, I thoroughly enjoyed myself!" Candice De Zilwa



"I cannot thank the good people of Bridgewater enough. Everyone helping on the drop zone, the wingsuit fliers, Ralph, manifest. The friendly atmosphere and great spirit made the week one we will remember for a long time. November we will be coming back to Australia and I can't wait to see everyone again!" Jarno Cordia







SA WINGSUITING By Travis Naughton Photos by Hayden Galvin

It was just over 12 months ago we had our first visit from 5D Wingsuiting's, Hayden Galvin, to South Australia. This March saw his return for the XL Boogie at Lower Light. Armed with his suitcase of wingsuits, Hayden arrived keen to kick off where he left off last year. Only this time there were plenty more people running wingsuits and plenty

It looked like this year the Weather Gods were going to play nice and it was going to be a huge weekend of wingsuiting action. Friday saw a First Flight Course for Dave Telfar

Saturday saw more people keen to give the wingsuit movement a go. We saw first flights for Ben Lunn, Tim Phipps and a second flight for Kyte Specht. By midday there were some tight group flights and the buzz was taking over the drop zone. The guys who were doing their first flights had caught the bug and were progressing onto some sweet flocking dives. Nice work guys! It was followed by a great night of human pyramids and

Tomaso Liccioli did his first flight early Sunday morning and as people started emerging

from all corners of the drop zone we were back into it. Sunday saw some of the best jumps of the boogie. Every jump during the day kept getting better as the formations were quick to build and move. We even got an unofficial record for SA wingsuiting - a 10-way rotation dive. I also got my wingsuit Tutor rating during the weekend so we can I think all who attended would agree that wingsuiting in SA is only getting bigger and

better. As the boogie progressed we were getting closer and closer to filling the plane. That's the plan for the next boogie - to have an entire turbine full of SA wingsuiters. Thanks to AI Gray for hosting, the SASPC and the SAPC for funding another massive event and a huge thanks to Hayden and 5D Wingsuiting for helping to push the skill

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SACANOPY FORMATION RECORD

South Australia gets off the ground with its first official CReW record!

By Laura Watson Aerial photos by Curtis Morton Group photo by Adam Pemble

> The 10-stack was built with Dale Butterworth as pilot, followed by Al Gray, Vlasto Zamecnik, Tommaso Liccioli, Ben Barclay, Laura Watson, Chris Klanins, Richie Dronow, Jules McConnel and last to dock was Splat man (Jason Ellu)). An honorary mention goes to Paul Newbery, who was with us in spirit!

CReW is a discipline which has been slowly growing in popularity among the Adelaidians and talk began of setting the first official CReW record back in November during the 50th Anniversary of skydiving in SA celebrations. Al Gray hosted the XL again at Lower Light from the 2-5th March and we took this as the perfect opportunity to get all the local dogs together.

Planning started well in advance with a training camp held in February tailored to those who had some CReW experience and were keen to get on the record. Jules sent down some canopies for us to play with and keep everyone in the air. The weekend, hosted by local CReW legend, Dale Butterworth, provided a great opportunity for everyone to refresh their skills and ended with the boys pulling off 4-way stack rotations at an amazing pace!

The XL arrived in South Australia, along with the CLIPSAL500 and several air holds from the related air displays... but we were persistent and Saturday things started to look promising. The CReW dogs arrived en masse and we kicked off the day with a 4-stack... followed by a 5-stack... followed by a 7-stack and things were looking good! That was until we hit the ground... some harder than others. On landing from the awesome 7 stack, Paul Newbery ended up with a spiral fracture in his fibula – although he tried to deny it just so he could get on the record jump!

The time had finally come; we rounded up all the CReW dogs and all the canopies and fought it out with the possums for eleven spots in the plane! It was nearing the end of the day but everyone was excited and focused. The jump went smooth, everyone docked in their correct positions and by 8,000ft we had completed the 10-stack! I shouted up to Ben Barclay above me "So what do we do now?" The answer was simple: "Now we have fun!" And we did!

The stack was broken down as we passed through some scattered cloud and floating up there with all the other





canopies around, everyone buzzing from the excitement, provided one of those magic moments that happen every now and again in our wonderful sport. We didn't quite make it back to the drop zone, although some made more progress than others. Eight of the ten on the stack were picked up. The two that we couldn't find? They landed at the pub and were already celebrating the successful jump!

There are many people I would like to thank for helping us set our first SA CReW Record: Curtis Morton for doing some amazing camera work and documenting our jump, the South Australian Sport Parachute Club for funding both the training camp and getting Jules in for tutoring, Jules herself for helping us out and always being willing to offer help and advice... or yell at you if need be. Thankfully there wasn't too much of that this time! And everyone on the stack – thank you for the amazing jump! Now, who's up for the 16-way diamond??!



MOST ORDERS DISPACTHED SAME DAY LET US KNOW IF YOU FIND CHEAPER

SKYDIVING EQUIPMENT ONLINE



np2/2)/1/1/02

Compiled by:

Kim

Hardwick

The following are taken from a selection of incidents as reported to the APF for the period mostly Jan - Feb 2012 and are published in the interest of safety education. (Note: no tandem or student incidents are included.) While every effort is made to ensure accuracy, neither the APF or ASM make any representations about their accuracy, as information is based on incident reports as received. Comments in italics are compiled by Kim Hardwick, APF Technical Officer.

AIRCRAFT/EXIT

Certificate 'E' Jumper number four in 4-way Canopy Formation jump seated rear bench of Beaver aircraft. Door open - jumpers one, two and three exited aircraft. Jumper 4's rig slid against rear wall plate and popped pin. Door closed and jumper landed in aircraft without incident. On later inspection closing loop found to be loose. Action: Closing loop replaced at appropriate length. Jumper briefed on appropriate exit procedure.

Certificate 'E' Cutaway handle dislodged on exit. Made aware of situation by team mate. Normal reserve deployment. Action: More care to be taken during stack-up.

Certificate 'C' The skydiver was front float/point for a 9-way FS. The aircraft was a Cessna Caravan. Lots of wiggling around was needed to get right up the front of the door into exit position. In this process the cutaway handle must have been dislodged on the door frame, which went un-noticed. Exit, formation and track-off were uneventful. Upon deployment around 3000ft, main canopy released and deployed reserve canopy via RSL. Jumper landed off DZ near main canopy, uneventfully. The Velcro on the cutaway handle had recently been replaced but was stitched onto the back of the main lift web rather than into the cutaway pocket. This makes the handle easier to remove accidentally, and more care is needed by the jumper. Action: Protect handle in door better. Get Velcro sew into the cutaway pocket so handle is more secure.

FREEFALL

Certificate 'D' Collision in freefall. Wing-suiting. I was above the other jumper & trying to come down to him. I came in too fast and hit his right arm causing bruising. Action: More jumps. More practice.

Certificate 'E' Jumper was knocked on his head during freefall by another jumper's foot. A short time later his helmet came off suddenly. Action: Get a helmet with chin strap.

DEPLOYMENTS / MALFUNCTIONS

Certificate 'E' Line twists, spinning - couldn't kick out so cutaway and deployed reserve. Action: No change to procedures. It has been more than 1000 jumps since previous cutaway.

Note: Three jumps later jumper experienced another line/twist spinning mal on same canopy. Decided to look into a new line set.

Certificate 'D' Line twists after deployment. Attempted to kick out until 2000ft where choice was made to cutaway. Cutaway and deployed



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It takes talent to want to learn from the other guys' mistakes. It takes skill not to be the other guy.

reserve. Had hard landing on DZ after poor flare. Suffered soft tissue damage to lower back. Action: Investigation of reserve found reserve brake lines ~200mm short, DZSO required owner of equipment to complete an Equipment Defect Report.

Certificate 'A' Suspected weak pilot-chute throw resulted in p/c in burble. During count, saw p/c leave back and commence deployment. Jumper was height aware and elected to initiate EPs, as he was passing 2000ft at this time. Open under reserve 1200ft. Landed on DZ. Action: Decision making during this malfunction was sound. Jumpers BOC deployment technique reviewed and improvements identified.

AFF Instructor D. Acting as JM1 on the Main side of an AFF Stage 3. Jumper was docked on the student's leg strap for the student's p/c deployment procedure. JM was situated a bit high. Student's P/C snagged around the JM's Go-Pro Camera/Mount. Cleared after about 3 seconds and deployment was normal. Action: DZSO advised that Go-Pros are no longer to be used by JM's on the Main side of students. Also, that all camera equipment to be approved by Chief Instructor.



Certificate 'E' Instantaneous canopy on deployment, sent compression through spine. Immediate pain to lower back and upper thoracic region. Pain gradually lessened under canopy landed OK on DZ. Taken to hospital by ambulance. No fractures. Soft tissue damage to lumbar region and upper thoracic of spine. No damage to equipment. Action: Jumper had been team training - using same packer all week, with no previous hard openings. Nil changes to pack procedure.

Certificate 'D' Normal jump. On deployment felt no canopy. Checked over shoulder, reached behind and felt empty main tray. High speed, possibly streamer malfunction "assumed". Cutaway and deployed reserve ~1600ft. Landed uneventfully on DZ. Action: Main inspected after retrieval. Pilot chute was not cocked which undoubtedly would've been the cause of a slow, sluggish opening. Observations pointed out to the jumper - packed it himself. Needs to be more particular to detail when packing.

Certificate 'E' Uneventful freefall, separated at 5000, tracked off, deployed ~3000ft. Main opened with line twists & immediately started to dive. Cutaway at 2000ft, was spinning on back. Got belly to ground, deployed reserve (after a hard pull on handle) at 1500ft. Landed OK, off DZ. Action: More care taken when packing. Will check line trim on the Main with a Rigger. Continue with established procedures.

CANOPY CONTROL / LANDING

Certificate 'E' On landing jumper clipped some cane next to the landing area, distorting his canopy. The result of this was the jumper being thrown on his back sustaining deep tissue bruising to lower back. Action: DZSO Discussed with person the fact that we have a massive landing area, and the importance of avoiding obstacles.

Certificate 'C' After break off I made my way back to the DZ, approach was good into wind, as I flared there was a slight gust of wind that took my canopy to the right resulting in me landing on my right ankle incorrectly and breaking it. I heard a crack & my foot was facing the wrong way so I knew straight away it was broken. Ambulanced to local hospital. Broken fibula. Action: Better canopy control. Use PLR when landing awkwardly.

Certificate 'E' Landed in non designated LZ (wrong side of beer line), ending up very close to runway. At same time aircraft (Caravan VH-UMV) had touched down. Right wing of a/c glanced left stabilizer of canopy, throwing jumper onto head. Nil damage sustained to either party apart from soft tissue injury to jumper when he hit the ground. Very lucky. Action: Physical barriers installed to highlight the no go landing area. Long discussion with jumper about need to know not only where canopies are, but also where the a/c is on final landing approach.

Certificate 'E' On landing, popped up on flare. Turned slightly and landed sideways on right leg. Knee 'popped' audibly, jumper experiencing immediate pain and unable to weight bare. Suffered right knee ligament damage. Action: Awkward, unlucky landing.

Certificate 'C' Jumper was running downwind, then executed a hard turn, impacting whilst only 2/3 - 3/4 thru the turn. Wind had changed whilst jumper was on finals and he was turning to land crosswind. Suffered fractured right tibia and fibula, left side pelvis (stable fracture). Action: Do not do low turns. Jumper said himself he made an error and should have executed a half brake turn, rather than a hard, hook turn.

Certificate 'C' Winds had slightly increased after jumpers exited the aircraft, however jumper still had forward penetration under canopy. Her landing point was ~100m short of experienced LZ. Flare was slightly late and incomplete, resulting in a firm landing and three breaks to ankle.

AIRCRAFT INCIDENT

2011 Oct - Cessna 206 re-fuelled with 120litres prior to takeoff. With 6 pax onboard aircraft climbed to 10,000ft and conducted several orbits before aborting sortie due to cloud. Visibility over head the DZ could not be established on descent and decision was made to land with all on-board. The pilot switched fuel tanks below 7,000ft. From 4,000ft the rate of descent was higher than usual at one point with aircraft backfiring a couple of times. On long final (1mile) pilot attempted to add power and realized aircraft had lost engine power. He immediately turned on boost pump but still no power, he again switched tanks with no change and subsequently switched tanks back, and realized he was not going to make the runway. All on board prepared for rough landing but did not attach single point restraints. The aircraft touched down in mangrove swamps 0.75nm short of runway threshold, and impacted on far bank of tidal channel. Individuals on board suffered injuries due to sudden unrestrained stop with two sustaining serious injuries. The Pilot and one Tandem Master were trapped in the aircraft for some time however luckily the tide was out at the time of the accident. Had the tide been in at the time of the accident they may not have survived as the aircraft was almost submerged.

Extenuating Factors:

Whilst there was no definitive reason for the loss of power and the engine was determined as capable of developing power when run in a test bed at a maintenance facility following recovery, a number of factors played a part in this accident. The steeper than usual descent rate below 4,000ft could have caused temporary fuel starvation. By turning onto final at an altitude of 750ft, whilst still 1nm from the runway, the pilot had left himself with few options and little chance of making the runway following the power loss. Good practice is to always keep options open and remain within glide ratio wherever possible.

The injuries sustained in this accident would have been greatly minimized had the occupants been wearing single point restraints.

LINE TWISTS – BY RONNIE PERRY

After reading the statistics on Cutaways from line twists in the last ASM (Issue 59), I felt the need to do some research on the subject. Here is some information that I have gathered through personal experience, research on the internet & talking to other jumpers.

From our first jump course we are taught to pull the risers apart & 'kick out' the twists.

Malfunction Statistics 2011

- · APF: 120 cutaways. I.e. 84 (70%) from Line Twists
- BPA: 240 cutaways. I.e. 75 (62%) from Line Twists
- USPA: No data collected by the USPA

The technique I use & teach with great success is to level the tops of the risers then push the risers together which brings the twists down closer to your eyes so you can see which way to kick. It also seems to take away some of the momentum of the spinning. I have used this technique with success many times on Cross braced canopies loaded at over 2.2.

Some people I have spoken to on this matter already know about this technique but a bigger percentage of jumpers still use the 'pull risers apart' technique.

There are many techniques around which people use with success; some push risers together, some bicycle kick, some level the tops of the risers, some put knees together and spin feet in a circle, some get small and do nothing and let the twists come out themselves.

Pulling the risers apart seems to lock the twists in place up high & possibly the action of pulling risers apart may result in un-even risers which can make the canopy dive more. It can also stop the canopy from inflating fully making it harder to kick the twists out.

As humans we have a tendency to grab at stuff when it all gets a bit exciting for security, ask any Tandem instructor how many students grab at stuff on deployment.

Through the power of modern technology I've been able to do a bit of research on-line both reading & watching videos. From the videos I've seen it appears that a lot of the line twists that people find themselves in are self inflicted. What I mean by this is that it seems a lot of people are hanging off the rear risers at line stretch & 'flying' themselves into Line Twists. The alternative would be to pitch, breathe, relax & let the canopy open in the fashion it was designed to.

There seems to be 3 'types' of twists;

- Twists than come straight off your back as the bag comes out of the container
- Twists that are self inflicted by people trying to 'fly' their opening too early
- Hard toggle turn twists.

Factors which have an effect on openings;

- Pilot chute out of trim
- · Kill line to short
- · Bridle too short wing suits
- \cdot Odd / Uneven /Old stows on D bag
- Old shagged out rag of a Canopy
- Line kit needs replacing (every 500 jumps)
- · Brake lines twisted / worn / need replacing
- 12 18 inches of excess line between D bag & risers when packing
- 'Hanging' off the rears too early at line stretch can put uneven pressure on one side of the harness
- Body position

It's all about the symmetry; from packing to body position. Your canopy starts at the leg straps so uneven hips on deployment will have an effect on the openings.

Maintain good keepers on brake toggles to minimise unwanted brake fire during opening.

'Hard Deck' – You must know your hard deck. (I.e. The altitude where you are going to execute your Emergency Procedures by cutting away and activating the reserve parachute) When you get to your 'hard deck' with a canopy you cannot land then you should go straight into your malfunction procedures.

Typing in 'Parachute line twists' on YouTube will keep you entertained for hours!

Dropzone.com has lots of discussion in forums on twists.

Conclusions;

Pack symmetrically, fit your harness symmetrically, deploy symmetrically & give the canopy a chance to open before making any inputs.

Replace the lines when they need replacing, replace the canopy when it needs replacing.

If you jump with a camera, watch the footage to see what your hands are doing on opening.

The statistics speak for themselves & clearly this is an area that needs to be looked at. I welcome any feedback on this article.

Ronnie Perry Canopy Coach - Ronnie has been a member of the Australian Canopy Piloting team representing Australia at international events. He runs canopy schools in Australia & Internationally, for beginners wanting to learn more about their parachute, or for the more experienced skydivers wanting to get more out of their swoop to compete at national level. Ronnie is also a full time instructor/DZSO with over 8000 jumps. RPcanopyschool skydiveperry@hotmail.com

APF Note: For Jan/Feb of 2012, there have already been 51 cutaways reported. 19 of these were due to line twists.

It is not known how many line twist malfunctions occurred where the jumper was able to recover from them.

RIGGING

Certificate 'D' Main was reconnected after reserve repack. Failed to notice RSL was incorrectly attached to large ring of 3-rings. Miss-rigging was noticed by DZSO and corrected in the aircraft on ascent. Action: Reprimanded by the DZSO. In conjunction - worked through possible consequences, possible failure of for 3-ring to be able to release, which could produce a main-in-tow and reserve entanglement.

INSTALLATION ERRORS

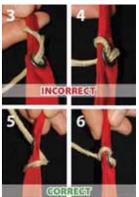
(Photos and comment reprinted with permission from USPA)

An experienced jumper purchased a new main canopy and installed it himself, hooking the suspension lines to his existing risers using the supplied soft links. After he landed from his first jump on the new canopy, a parachute rigger noticed him trying to untangle it. Upon inspection, the rigger found the following installation errors:

- The jumper routed the soft links loop through the risers and lines only once (photo 1); they should have been looped through twice. The incorrect routing made the links weaker than recommended and increased the chances that they would detach in the air.
- The jumper hooked three of the four line groups to the risers with 720-degree twists in the lines (photo 2). In the photo, you can see that once the line group was untwisted on the ground, the twists transferred to the risers. In flight, the twists were in the suspension lines immediately above the top of the risers.
- The jumper had installed the lines with one steering line wrapped 360-degrees around the rear line group. (No photo available).
- The jumper had attached the steering lines to the toggles incorrectly, attaching the lines with lark's head knots over







the tops of the toggles. In this configuration, the steering lines could have easily slipped off the toggles (photos 3 & 4-recreation). Looping the long end (the handle) of a toggle through the lark's head knot is the correct installation method (photos 5 & 6).

Consulting with a parachute rigger helps to ensure that the components are assembled correctly and the rig is safe to jump. This jumper was very lucky to have completed this jump under seriously miss-rigged gear without injury or worse.

VIGIL INFORMATION BULLETIN -ISSUED 7TH MARCH 2012

According to the bulletin, an interruption can occur on Vigils with LCD software version 2.2, resulting in freezing or locking of the LCD screen. Vigil advises to replace the LCD at the next reserve repack. However if your LCD controller freezes, it should be replaced before next jump. For more information see the full Information Bulletin at www.vigil.aero

JUMPERS OVER SEVENTY

ELOY, ARIZONA, USA - 18 JANUARY 2012

By Pete Hannaford Photos by Rob Fortier

I WAS SITTING IN THE SHADE OF WHAT WE POPS CALL THE "TREE OF KNOWLEDGE" AT SYDNEY SKYDIVERS DROP ZONE WITH SEVERAL OTHER POPS, AWAITING OUR GEAR UP CALL, WHEN I MENTIONED THAT I HAD RECEIVED AN EMAIL FROM CAROL JONES IN THE USA, INVITING ME TO PARTICIPATE IN A JOS (JUMPERS OVER SEVENTY) WORLD RECORD ATTEMPT, AND WONDERING WHETHER I WOULD BE DOING THE RIGHT THING BY SPENDING A SIGNIFICANT AMOUNT OF MONEY TRYING TO ACHIEVE THAT GOAL. STEVE PANDELUS IMMEDIATELY SAID THAT I SHOULD GO AND HAVE A CRACK AT IT, BECAUSE NONE OF US KNOW JUST HOW MUCH TIME WE HAVE LEFT, AND I REMEMBERED THE WORDS OF MY DEAR OLD MOTHER WHO TOLD ME THAT BURIAL SHROUDS DON'T HAVE ANY POCKETS! SO WITH THE FULL SUPPORT OF MY WIFE ADRIENNE, I WENT TO OUR LOCAL FLIGHT CENTRE AND BOOKED MY TICKET.

I arrived at Skydive Arizona on the afternoon of Friday the thirteenth of January (I'm not superstitious) and paid my registration and training camp fees and bought a handful of jump tickets. I then met Dick Barton, who was the only other foreigner to register. Dick lives in Gibraltar, a British Territory since 1713, which the Spanish have been trying to reclaim by fair means or foul ever since. He invited me to share his accommodation at the Sky Rider Motel nearby which I gladly accepted. I have known Dick since my first World POPS meet in Jordan fifteen years ago where we shared the pleasure of hopping off the ramp of a stretched Hercules at 14,000ft over Wadi Rum and twice over Aqaba Beach.

The training camp was run by Jeff Jones, son of skydiving legend Bill Jones, who taught Jeff to do stable freefalls off the ridge of their three-story family home, landing on a large packing mat held off the ground by Bill's skydiving mates when he was just seven years old! Jeff did his first parachute jump when he was fourteen, so what he doesn't know about sport parachuting probably isn't worth knowing. They say you can't teach old dogs new tricks, but under Jeff's guidance I think that we all learned something. I know that I did, thanks Jeff.

After our first training day we were all left with a nasty taste in our mouths when we learned that some low life had $% \left({{\left[{{{\rm{A}}} \right]}_{{\rm{A}}}} \right)$

managed to get into the locked conference room and stolen the video camera belonging to our camera flyer, Rob Fortier. There was a collection taken up to try and compensate him for the loss and enough money was raised to buy a new camera. When he was given the money, he was so moved by what we had done for him, that I saw tears well up in his eyes.

Our first attempt at the record was a planned 19-way, which could have quite easily ended in disaster when at opening height, a single engined light aircraft flew straight through us. How he failed to hit someone I can only describe as a miracle. If that pilot wasn't wearing brown trousers when he took off, I'm sure that he would have been before he landed. Several attempts ended in failure, as grips were lost, people went low and divers overshot the formation. Jeff Jones could be heard sharpening the axe, which he had to do four times, cutting our numbers down to fifteen.

Then on our last jump of the last day we nailed it! Watching the record jump on the big screen in the main packing area was so exciting and when we saw the last grip being taken up by legend Pat Moorehead (80 jumps on his 80th Birthday) there was a spontaneous cheer from everyone the likes of which I only heard once before when I saw Tiger Woods hit his ball out of a bunker and straight into the hole at the Australian Open at the Lakes course in Sydney. We then all retired to the Bent Prop Saloon where a good time was had by all.

On arriving back in Sydney I was met by my wife who drove me to my grandson Matt and his wife's home at Austinmer near Wollongong, to wet the head of my newest great grandson and drink a toast to my granddaughter Rebecca on her 27th birthday. Looking around the room at four generations of my family and knowing that eight of us have done at least one parachute jump and me with a World Record under my belt, I was thinking that life doesn't get any better than this.















What's a WAngle? It's a WAvengle



Words by Kieren James Photos by Carl Jefferies & Adrian Acquado

Just over 12 months ago, we set about to improve the Atmonauti and Angle Flying skills in W.A., through the first ever West Australian Angle's camp (WAngles). The crew got together again in February at Skydive Express, York, for WAngles #3 which has now become a regular six monthly event.

Again we welcomed Andrew "Pony" Bain as our fearless leader (you need to be fearless to fly with some of us over here), to guide us through the art of body flight and push us harder again.

In typical Perth conditions, we set the scene with blue skies, light winds and 30 degrees of W.A.'s finest sunshine. Pony was happy to be back again and away from the East Coast rain.

We had ten participants split into an intermediate group and a smaller advanced group. The intermediate group focused more and more on disciplined slot flying and getting closer and closer to the formation. The progressive tightening of the formation was noticeable from jump to jump and some people really impressed with their ability to step up a level. Red, Jen and Russ all flying very well, and Nile showing off his fine skills, albeit having the least jump numbers on the camp. Then there was Adrian proving that he can still fly without a wingsuit... I lost \$50 on that bet! Keith "Bundy Bear" rounded out the crew, literally (haha... cheers mate) and got his back-fly worked out.

The advanced group was pushed well beyond their comfort zone as we increased the angle, the speed and the rapid directional changes. No mercy was shown by Pony and we had to draw fully on our own ability to stay with the formation. As a fairly 'comfortable' back-flyer myself, I found it really challenging to switch over and fly this camp all on my guts, but by the end of the camp I was glad to have tested myself and I learnt so much for it. It was also really impressive to see Derrick (aka Derreleeck), shed the drogue-arch and get his Freefly jiggy back on, as well as Jonesy (ex-flat flyer) proving that he deserves his slot in the advanced group. J.B. provided some memorable moments for us all, taking out this event's "cannonball" award.

At the end of each day we brought the groups together for some bigger-way runs, which provided great visuals and smiles all around as we knew that W.A. angle flying was really progressing well.

Everyone had a great time at this event with the regular W.A. hospitality Saturday night (thanks Toots for the 5 star food as always) and a few bell ringers resulting in some sore heads Sunday morning.

Big thanks to W.A. State Parachute Council for their continued support of this great event and to our host, Skydive Express, for everything to allow this to run smoothly.

Thanks also to Carl "Crispy" Jefferies & 5D's Adrian "Guido" Acquido for getting some great still shots for us.

Following this event, we now plan to run regular monthly Angle camps at various DZ's around WA to further improve on the skills and get more and more W.A. flyers involved in this discipline before the little horse makes his next visit again in August for WAngles #4.

For further details about WAngles, or to organise something at your W.A. DZ, please contact me (K.J.) on 0417 407 123.



Wow. what a great weekend spent running some nice Angles with everyone on the West Coast. I had such a great time and it was so good to see everyone improving and getting more rock solid with their flying! I was really impressed by everyone's attitude and commitment to learning! A big thank you to everyone for coming along and also a big thank you to KJ for organising the event! It was a great weekend and on behalf of Team Off-Track, we can't wait to get over

there again and run some more... but harder and faster next time..." **Pony**

Skydivers Say: "Gravity Doesn't Discriminate"@ 2012

By Alex Skala, Cecilia Ridgley and Lisa Perdichizzi Photos by Kate Langley, Lisa Perdichizzi, Michael Vaughan and Sofia Giussani

Skydivers pride themselves on being an open-minded bunch, so of course it was easy to rally a group of Australia's coolest jumpers to come to Sydney and march for gay pride! We got to enjoy the biggest party in Australia; 300,000 screaming fans and 9,000 ecstatic marchers with a vibe that just doesn't compare to anything. Why wouldn't you?

Alex led up the Victorians, Mossy organised a crew from Queensland, Katie was onto it with the South Aussies and Wildy... well Wildy got himself there; he wouldn't have missed it for the world! Sofia was the Sydney local who attended the briefing weeks before and for various reasons of importance, Owen represented the ACT, and Karen was the Territory representative.

We converged on Sydney ready for a weekend of love in the unique celebration that is Mardi Gras, meeting to assemble the signs arranged by Miff, re-glue Jed's latex suit, drink, get loud and compare outfits! Saturday afternoon arrived all too soon and we donned our costumes, rigs and jumpsuits, face and body paint, wigs, morph suits and latex suits, and our special uniform item - the "Blue Oyster Bar" style biker hats that Mossy had sourced with the eye of a true fashionista. Yes, we were SMOKIN!!! Surprisingly though, not one person remembered to bring a video camera!! What kind of

skydivers are we? No matter, this was all about the moment - taking film or enjoying the adulation of thousands.... hmmm.

> All dressed up with somewhere to go, we proudly paraded through the first class Sofitel reception. We certainly did turn a few heads and probably even devalued the otherwise classy establishment! ... Nah definitely improved it!

A quick pub stop and a catch-up by some late starters, then it was time to head to the marshalling area to join our fellow marchers. This took a little longer than expected due to the huge number of tourists and partygoers who stopped us for photo opportunities. Yes, we were THAT fabulous.

We knew we were nearly at Mardi Gras when we spotted a dude in nothing but a fluro green g-string. It really showed that not everyone should wear a g-string, but then, nobody was there to judge. Soon we were surrounded by sequins, feathers, leather, fishnets, heels, high hair and hot pants - or lack thereof, with plenty of skin on display, Wow! What an eye-opener! We pretty soon realised that anything goes at Mardi Gras!

Hyde Park was the preparation area, only accessible by participants in the parade. We had plenty of time before the parade started and even more until our turn to march. A couple of short weather holds but no way was a bit of rain going to dampen our parade. With such an awesome vibe, we partied with the other groups and every time the rain picked up, so did the tunes pumping out of the dozens of floats in our quadrant.

Some people had gone to great lengths to look the part. Some of the costumes were well thought out and others were just plain random! Nothing was lame and everyone was so beautiful wrapped up in the hype of the party. There were sound systems on floats pumping out music, groups of dancers, uniforms and speedo clad bodies everywhere following the leader who shouted out directions on a megaphone. We quickly realised that compared to the other groups in the parade, we were somewhat deficient in the groove stakes. We hastily tried to dirt dive a formation skydiving routine but with so many distractions and people to party with, we just couldn't get it together so Plan B was just to dance about with our placards, windblades and banners.







Fact 1: Skydivers like to party

Fact 2: Skydivers like freedom

Natural Conclusion: Mardi Gras 2012 Skydiving Float...

We were group no. 130 out of 133 and so five hours after we arrived, it was finally our turn! How exciting - even more fun to be had. Most of us had no idea what to expect and the anticipation could be seen on all of our faces as we walked around the corner, between the gyrating Dragon Boat Club dancers and the Gay Tradies.

And we're on!! The crowd was going off and we were rock stars! Screaming fans held out their hands for high-fives, which Wildy and Cec were especially happy to oblige with. Jed proved himself to be a crowd favourite in what must have been an eve-opening experience for the youngster. The sides of the streets and the overlooking balconies were packed with spectators. We busted awesome moves that interacted with the excited spectators who couldn't get enough of our rig-wearing rabble. We marched our butts off, with Mossy working his STRUT in his high-heeled stiletto red boots, leading the charge ahead of our banner 'Gravity Doesn't Discriminate'. Of course, looking that hot he got interviewed by the camera crew on the way, while a few of us got some serious love from the roadside fans.

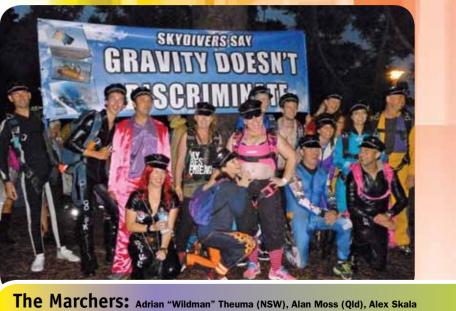
So, after 2 kms our 30 mins of fame came to an end. What an experience!! For the first time ever skydivers marched in the parade - yes, yes, cartons will be paid!

But all was not over. Mardi Gras is not only about the parade. Sydney becomes even more alive after the march is over!! And, of course, what happens at Mardi Gras, stays at Mardi Gras!

We owned MARDI GRAS 2012. We had our eyes opened and learnt more than you could imagine; there are some awesome people out there and the rest don't matter. So









(Vic), Anita Perryman (Qld), Brock Simmons (Vic), Cecilia Ridgley (ACT), Chris Brain (ACT), Eiley Ormsby (Vic), Greg "Miff" Smith (SA), Jed Smith (SA), Karen Hardy (NT), Kate Langley (NSW), Katie Fluin (SA), Lisa Perdichizzi (Qld), Michael Vaughan (NSW), Owen Horton (ACT), Peter "Ebone" Etherton (Old), Sharney Perrow (NSW), Sofia Giussani (NSW), Sonja Neville (Qld). (Forlornly stuck on the tarmac in Townsville: Josh Davies)

- next year will be bigger, better, more gay What an awesome way to promote skydiving to the world!
- Keep an eye out and come along in 2013. First in, best dressed!
- Gravity doesn't
- discriminate and neither should you.

LGBTQI = Lesbian, Gay, Bisexual, Transgender, Queer, Intersex...

Wow, What a Jaml

By Kirsty Smith 5D Photos by Adrian Acquado

New Zealand Skydiving School hosted its 3rd Southern Summer Jam in March this year and what an insane event it was. The weather gods behaved and hundreds of people experienced views from one of the world's most scenic drop zones. Aussie accents were prevalent among the many with plenty crossing the ditch for the event.

There was lots of action with multiple World Champion, Gary Beyer (ex-Arizona Airspeed), load organising along with Hayden Galvin and the amazing crew from 5D Wingsuits. Darren Doyle from the school was leading the Freeflyers.

The Caravan was non-stop, along with the Cresco and Chopper. Some lucky individuals also managed a balloon ride.

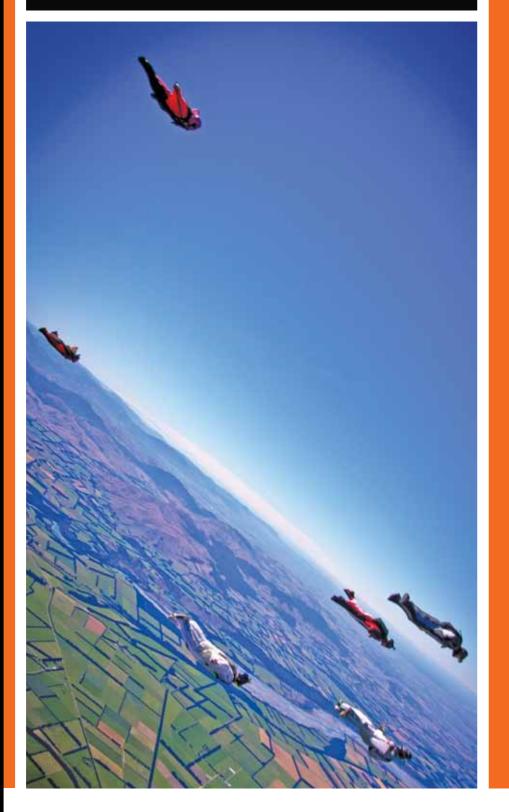
At the end of each day, the Blue Pub was the venue where the day tapes were played and the lies were told.

Noticeable at the event was the number of up-and-coming skydivers with a considerable number registered under the 200 jump mark – very encouraging for the future of our sport. All levels were catered for so everyone left the event having gained something.

As we all know, a Boogie is not a Boogie without a party! Well, we weren't let down. On Saturday night, Steve and Kirsty Smith opened up their house and threw an awesome party. There were outdoor fire places, a bonfire, music, food, swimming pool and the famous NZ Aerosports' beer trough. There were also plenty of prizes from a variety of sponsors so some people returned home with more luggage than they arrived. Fortunate for some, Sunday was a drizzle day with none of those hangovers making it to altitude.

If you missed out this year, or you were one of those here having a phat time, the good news is... it's happening again next year. March 7 is the date for your diary.

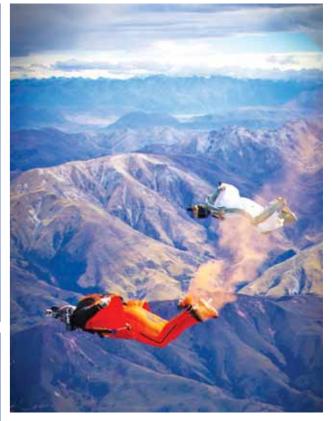












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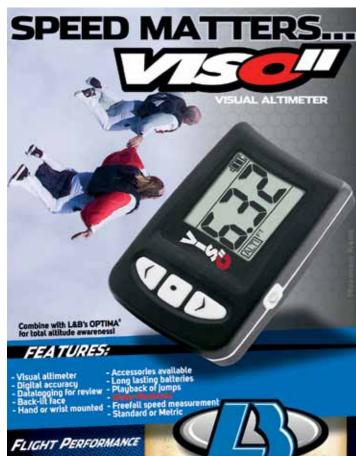
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South East Queensland Skydivers

SOUTH EAST QUEENSLAND SKYDIVERS LEAGUE 2011/12

By Chris Rose, President, SEQS Club

SEQS League has once again been successfully completed for the 2011/12 season, with even more teams than last year joining in on the action this time around.

Nine 4-way formation skydiving teams, six 2-way VFS teams and one 4-way VFS team in total fought it out over three separate weekends of competition. Rounds 1 and 2 were held at Toogoolawah, with Round 2 being held in conjunction with the SQPC Regional Championships. Round 3, which was due to be held in Hervey Bay, had to be rescheduled due to bad weather, was also held at Toogoolawah.

For full results go www.seqsclub. com.au.

Presentation of all medals and awards take place at the annual SEQS Masquerade Awards Night held on 24 April 2012.

Historically, many teams have used the RWU and SEQS Leagues as a build-up to their Nationals campaign and this season was no exception, with six SEQS League teams going on to compete at National level.

The expert coaching on offer from the likes of Peter "Ebone"

Round 1 of SEQS League also saw the introduction of the InTime Scoring system being used for the first time in competition in Australia. InTime is a multi-disciplined, FAI compliant, stateof-the-art, computer based, electronic scoring system that has been selected by the APF as the preferred system for use in competition skydiving. The system incorporates an Audience Viewer component that shows spectators the video judging live, as well as displaying the progressive scores throughout the day, on the big screen. This system has been a fantastic addition to the SEQS League and also to this year's Nationals. Many thanks are in order and without support coming from numerous different sources this

event would not be possible. I'd like to thank the following: Funding and equipment support from the APF and SQPC

- · Macca, Belgy and the Ramblers Staff
- · Pete and Pixi from Hervey Bay Skydivers
- judges Bruce Towers and Sheena Simmonds
- Pilots: Roger Spinks and John McEvoy
- Video downloaders: Joel "Tin Tin" Carpenter and Lucy Apolloni
- IT support from Marc Dergacz
- All the camera flyers
- And most of all, the competitors!

Photos by Steve Fitchett, Mark Laing & Lisa Perdichizzi



Etherton, Greg Maskell, Clayton Gill, Steve "Belgy" Geens and Alan "Mossy" Moss gave both 4-way Intermediate and Open jumpers a chance to learn from the best.

· Our fantastic FS judges: Lindy Williams, Faye Cox, Jock Moir, Peta Holmes and their trainee FS

Dedicated ground coaches: Ebone, Greg, Clayton, Belgy and Mossy

SEQS volunteers Lisa Perdichizzi and Kate Rose

Our generous sponsors: NZ Aerosports, Airsuits, Cookie Composites and Downward Trend





Skydivers



















RESULTS

d 1: 22-23 October 2011

Notes on scoring: To keep the scoring table very close and give all teams (even those entering after round 1) an opportunity at medals, teams receive 1 point for attending plus points for their position on the ladder on the day. It works a little like the Grand Prix scoring system. It keeps it exciting and close to the grand final. It also allows new teams coming in at Round 2 & 3 to be competitive.

4-way l	Formati	on Sky	/diving -	Intermed	iate
---------	---------	--------	-----------	----------	------

Team	Round 1	Round 2	Round 3	Total	Rank	Points	
Brut 4CE	6	4		10	1	5	
Pori Jazz		5		5	2	4	
Bench Mark	1	1	1	3	3	3	
Stranger Danger	r 1	1		2	4	2	
4-way Formati	on Skydiv	ing - Oper	1				
Team	Round 1	Round 2	Round 3	Total	Rank	Points	
SOQS	6	5	5	16	1	2	
4-way Vertical Formation Skydiving - Intermediate							
Team	Round 1	Round 2	Round 3	Total	Rank	Points	
VFS Gold	3	4		7	1	2	
Madalista							

er 2011 2: 19-20 N

Round 2: 19-20 November 2011 Round 2 of SEQS League was held in conjunction with the South Queensland Regional Championships. Teams entering the championships are automatically entered into the league competition. Official results can be found on the APF website. SEQS League Rankings After Round 2 A unay Ecomobics Intermediate

4-way Formation Skydiving - Intermediate								
Team	Round 1	Round 2	Points	Rank				
Brut 4CE	5	5	10	1				
Porridge As	4	3	7	2				
(Pori Jazz)								
Stranger Danger	· 2	4	6	3				
Rexona 4 Men		6	6	3				
Bench Mark	3	2	5	5				
4-way Formatio	on Skydiv	ing - Open						
Team	Round 1	Round 2	Points	Rank				
SOQS	2	2	4	1				
All Out 4-47		3	3	2				
2-way Vertical	Formatio	n Skydivin	g - Interm	ediate				
Team	Round 1	Round 2	Points	Rank				
I.T.		7	7	1				
Pure Blonde		6	6	2				
Croissant		5	5	3				
Fingers		4	4	4				
Green Hippos		3	3	5				
Something Stup	id -	2	2	6				
4-way Vertical Formation Skydiving - Intermediate								
Team	Round 1	Round 2	Points	Rank				
VFS Gold	2		2	1				
Medallists								

Grand Final: 10-11 March 2012

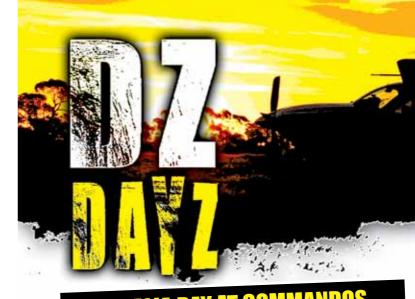
The scoring system ensures that you have to be in it to win it! Note that teams only completing 1 round of competition are not eligible for medals.

SEQS League Rankings

4-way Formation Skydiving - Intermediate							
Team	Round 1	Round 2	Round 3	Points	Rank		
Brut 4CE	5	5	5	15	1		
Porridge As	4	3	4	11	2		
(Pori Jazz)							
Bench Mark	3	2	3	8	3		
Stranger Dange	r 2	4		6	4		
Rexona 4 Men		6		6	4		
Ayr Monkeys (N	Q) -		6	6	4		
Colours of			2	2	7		
Mardi Gras							
4-way Formati	on Skydiv	ing - Oper	1				
Team	Round 1	Round 2	Round 3	Points	Rank		
SOQS	2	2	2	6	1		
All Out 4-47		3		3	2		
2-way Vertical	Formatio	n Skydivin	ıg - Interm	ediate			
Team	Round 1	Round 2	Round 3	Points	Rank		
I.T.		7	2	9	1		
Pure Blonde		6		6	2		
Croissant		5		5	3		
Fingers		4		4	4		
Green Hippos		3		3	5		
Something Stup	id -	2		2	6		
4-way Vertical Formation Skydiving - Intermediate							
Team	Round 1	Round 2	Round 3	Points	Rank		
VFS Gold	2			2	1		
Medallists							







skysports

Comfortable

Technical

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USTRALIA DAY AT COMMANDOS By Amy McCall Photos by Mauro Bampo and Jake Scoles

Officially, Australia Day marks the day that the Prime Minister of Australia annually welcomes the newest Australian citizens in the Australian Citizenship Ceremony in Canberra.

Traditionally, Australia Day marks the day to celebrate all that is great about our country. It is celebrated by Australians nationwide by surrounding their backyard barbeque with friends, beer, meat (usually snags) and assorted items adorned in the iconic red, white and blue Aussie flag such as plates, stubbie holders, serviettes and clothing. Many people also flock to the coast to enjoy the sun, sand and surf of our country's stunning beaches. People hang flags from their car windows, fireworks are lit, lamingtons and pavlovas galore are consumed and music is played well into the late afternoon.

At Commando Skydivers in Tooradin however, we celebrate Australia Day with the annual Speed Star Scrambles event, with this year marking the sixth annual event. Picture this: you turn up in the morning for registration and team selection, then you and your team dirt dive and strategise the best way for your team to link up and make a star in the shortest time possible.

There are little to no rules for this event and the two judges both mentioned their poor evesight shortly after being appointed as 2012's official judges. Having said that, in the official Rules of Engagement, it states that, "The judge's word





Speedstars Champions



is sacrosanct and any team who protests shall be banished." The only guideline to go by is that your team must exit the aircraft unlinked at 6,000ft and then you have a grand total of fifteen seconds of working time to link up and form a star. Break off is compulsory at 4,000ft. The aim is to be the fastest team to make a star. As Greg Hill says, "it's fifteen seconds of mayhem. It's fast, it's furious and it's a lot of fun."

This year four teams of four participated in the event and much fun was had by all. Each team was given two chances to race against the clock. Three teams were able to complete their star formation within the fifteen seconds of working time allocated to them, with the fastest team being "Billy Blowave & the Bleazards", who set an unbeatable pace of seven seconds, thereby winning the delectable prize of the glory of competing. The fourth team "Running late... like a boss" were

clearly not reaching for the stars and ran behind schedule as their team name depicts, as they were not able to create a star on either attempt.

The competition was over in a matter of hours, which left the rest of the day free for fun Australia Day jumping. What a way to spend Australia Dav!

STRED STAR RESULTS Billy Blanne \$ the Bleazards 7 seconds The D-Terry Dody Chie Dumina Lake De De line













F CANOPY SEMINA By Jules McConnel Photos by Matt Allison

Had an awesome canopy seminar the other weekend seventeen people registered (Jules just can't seem to say no!) with experience ranging from 19 to 240 jumps.

Hop 'n' Pops from 5,000ft got participants working on use of all flight controls within air exercises on their own - setting up for landing in their own airspace, flying consistent circuits and working on perfecting their landings with the aid of Jules videoing and debriefing each jump.

After a couple of solos to get familiar with all inputs and how the canopy reacts to these inputs it was time to pair up with a 50 foot streamer for follow-the-leader jumps - the highlight of Day 1 for sure! These jumps were from 7,000ft - more time to play with the streamer! For this jump, the leader gets out and opens, then drops a streamer (standard party crepe paper roll) which trails 50 metres behind while the follower exits second and manoeuvres behind the leader to chase the end of the streamer while the leader flies different circuit patterns. By the end of the jump, the follower has a lot more confidence and ends up with most of the streamer in their lines!

Lots of woohoos could be heard from the ground and really impressive to see 'A' Licence jumpers following each other safely in the sky and having a ball with each other under canopy!

Day 2 – Sport Accuracy Competition for Novice and Open categories. We had three Rounds of Hop 'n' Pops from 5,000ft. In the Novice category we had six jumpers under 100 jumps and in the Open category we had nine jumpers with over 100 jumps. All the jumpers made up three teams: Team Volta, Team Awesome and Rads.

The main focus was safety first and get close to the target second. Everyone played the rules and soon realised accuracy isn't as easy as it looks.

The first team didn't make the ten metre perimeter, but by Round 3 we had one dead centre and entire teams making it within ten metres. Our new 'A' Licence jumpers Salmon and Toast got most consistent landings and their partner in crime, Sarah, got most improved (her first landing was 30m from the target and her last was 3m from the target!).

Official Standings:

Novice: 1st Paul Enright, 2nd Andrea Boerkamp,

3rd Simon (Salmon) Kube

Open: 1st Marz Volta, 2nd Casey Butler, 3rd Alex (Nugget) Joannou Teams: 1st Rads, 2nd Volta, 3rd Awesome

Thank you to Skydive Oz for hosting the event, NSW Parachute Council for funding assistance and Ken Enright for instigating the weekend and donating medals to the competition.









SAT. 30TH JUNE - FRI. 6TH JULY 2012 Load Organisels Reefly, Anno XV, Canour Andrei SIV: Viel 1 RW: Michael Vaughan Freefly: Dubai FreeFly teammates Kai & Micah see their footage: http://vimeo.com/37311621

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BEGISTER... www.sydneyskydivers.com.au/cairnsboogie.htm



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DISCOUNT TOURS AVAILABLE Discount Cairns tours and accomodation available

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FREE RETURN TRANSFERS from Cairns to the DZ in Innisfail



RIPCORD SKYDIVERS, CROWLEY VALE, QLD

By Cherie Wells (Manifest Chick) Photos by Jeremy Reimann, Bear and John Friswell

Hello fellow skydivers. It's been a bit over a year since the floods that devastated the Lockyer Valley region, forcing Ripcord Skydivers inhabitants to evacuate and then begin the process of cleaning up. We lost a plane, quite a few parachutes and the house at the DZ had to have a complete overhaul downstairs. Thankfully, our plane was replaced with a racy new one, harder and faster than the previous (with the help of a bigger engine) getting jumpers up into blue skies quicker than ever before. Oh, and if you're looking for a power point or a light switch next time you visit, just look up!

The clean up was a wet process, shutting down the drop zone for a full two months. However, we have emerged brighter and stronger than before. Loudly coloured doors, walls, packing mats and signage, makes Ripcord Skydivers an inviting place to jump. We have friendly, welcoming staff, many regular fun jumpers, heaps of students doing their 'A' Licence course and a few 'next generation' jumpers who keep us busy, ranging in ages from four to fourteen.

In recent events, DZ Tandem Master and Static Line Instructor, Sam Hood, celebrated his 1,000th jump with a carton on the bar and a pie in the face still owing. You can't hide forever Sam!! Christopher Bain, Chris Searle and Micheal O'Connell also donned wingsuits for their first ever winged dives! John Friswell, our Safety Officer and DZ Chief Instructor, celebrated his 60th birthday last October, Halloween style, complete with skeleton and spider webs.

The perfect place for all celebrations, we have had a 26th birthday "Teddy Bears Picnic" style for Sara Apalais DZ Tandem Master, Instructor 'B' and permanent resident (more affectionately known as Bear), plus an entirely PINK party celebrating next generation jumper, Olivia's, 8th birthday and Thyra Suzor's 25th (Ray the pilot's wife).

Adding to the excitement, 5D Wingsuiters Brad Ward, Hayden Galvin, James (Jimmy) Macfarlane and Paul Tozer, graced our DZ with their presence one Saturday, hijacking FOW (our harder faster plane) for a full day of wingsuit jumps.

We have also had a chopper jump day and more recently, in mid February, a genuine Tigermoth aeroplane took to our runway, offering aerial acrobatic joy flights and jumps from 4,000ft. Needless to say, we are still catching/drinking the first timer cartons owed from that one Saturday! We also offer Pub jumps (for suitably licenced skydivers) into several areas surrounding the drop Zone every Saturday evening, such as Hatton Vale Golf Course, Mulgowie Cricket Ground and Plainlands. Nothing better than a skydive into the local watering hole at the end of an adrenaline fuelled day! Great food (mmm... Emily's in Laidley), cold drinks, awesome service and some of the best







company Ripcord Skydivers has to offer. We even utilise the next generation jumpers on Display and Pub jumps as packing weights, such as Dane Wells-Dean pictured, helping Chris Searle after a jump at Laidley Soccer Fields.



So, 12 months on, fully operational once again, Ripcord Skydivers has plenty of first time solo students jumping and a plethora of 'A' Licence students including AFF jumpers, succeeding in achieving the ultimate rush with our beautiful new student and tandem canopies making the experience all the more invigorating. The new club, Gatton Skydivers Club Inc, is hoping to organise a novelty aircraft boogie for mid-year and offer B-Rel, Tracking and Wingsuit training camps at Ripcord Skydivers during 2012 for all those jump junkies looking to improve their skills or try something new. You can follow all our 'Ring the Bell' cartons and other events at our Facebook page "Gatton Skydivers Club Inc".

So, sending the biggest thanks to all those individuals who helped revive Ripcord Skydivers after it was submerged in the floods, especially the DZs at Toogoolawah, Byron Bay and Caboolture – much appreciated.

Happy Jumping. Here's to a great 2012! Blue Skies and Sunshine!







GENETIX COMES TO BYRON BAY

Wow what a day to remember the 22/02/2012, Byron Bay was cracking...a few months ago I was chatting with Steve in the landing area and told him about the Genetix lads and what they are all about, I was pitching him the idea of having Ty and Mason come to Byron and hold a camp. "After the busy summer, why not!?, sounds cool, not a problem" he said, alright I thought I can do this. So throughout the summer I was thinking of a date to go ahead with? What funding I could get? Who to invite for the day? I filled in a form from the SQPC asking for funding then the remainder I asked the APF, a green light from everyone. I rang Ty and we worked out the date, one day only, arriving the night before then driving the morning after. Pressure was on for Byron to have good weather, so I had a word to the sun god Ra in Egypt and asked for he's help, "I'll think about it" he said.

Around 15 invites, which has now turned into 25 keen jumpers ready for the "Genetix brainwash"? It was morning and we had 30 Tandem passengers needing to jump, and camp Genetix participants getting acquainted and eager to jump. One big problem we were on hold, the weather wasn't looking good, so I had a chat to Mason and asked him to hold a seminar on what they want to show/achieve, "give me 10 mins" he said. Ty had the whiteboard out drawing diagrams ready to teach, together they begun explaining everything associated with the flight of angles, taking turns in speaking about each discipline, from body positions to flying techniques to canopy skills to the importance of safety that must be adhered to at all times. These lads really started to shine in front of us Byron gangsters brainwashing the lot of us. During this time a couple of tandem loads went up, the weather was clearing, my container of Egyptian sun had arrived, Genetix was almost airborne. Time to dirt dive, split up in to 2 groups of 8 we started to mock our "breathing exits", find our slots, then enjoy the flight, 5500 see you all later, you 2 go that way you 3 that way and we shall go this way, remember your slots!!, was the



Comments from Bentley and Tyler

I got a phone call from Helmy telling me to come down for a Genetix camp, I live at Misson Beach but have known Tyler since starting 4 years ago, I haven't jumped with him since San Diego a couple of years ago, so I decided to come down. An amazing day it was, well worth the mission down, these guys taught me a lot, and have really got my passion back for more jumping, thanks guys I'll definitely be going to another Genetix camp!!! Bentley

The reborn fun jump scene, 'Byron Bay', what a turn out we had! Keen motivated flyers eager to learn new skills and fly fast all sitting in a classroom listening to 2 young punks rambling on about safety, positions and brake off, with the weather clearing and people itching for the sky, myself and Mason ran fast moving angles, groups of 8 filled with all types of experience. Every jump had huge progression and landings full of smiles. We kept everyone safe and all making it back to the DZ with no worries apart from the puddles scattered through the landing area, which court me out once. Well done Helmy for putting on an awesome day, keep the organising coming! Thank you Skydive Byron Bay and the Apf for also making the event happen. A special thanks to all the sponsors backing Genetix – The Skydive Shop, Icarus Canopies, Sonic and Roxolid. We are looking forward to the next event, until then fly fast... Ty



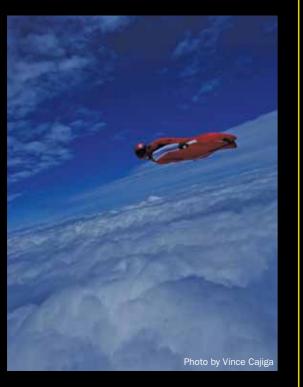
rhythm of the day. We all got to do 4-7 jumps with the lads, with them swapping over groups as the day proceeded. Mason completed one 4way VRW with a couple of crest holders, which was good to do as well, while Ty ran all day. Longhurst was doing some coaching with people all day, giving tips on all facets of skydiving. A last load 10 way angle nearing sunset was a sight to be seen, to have both the guys on the jump was a pleasure for the Byron Bay skies, performing their finger to finger trade dock.

Byron Bay is an A class drop zone with first class facilities, it was a successful day, no chops and no off DZ landings. New understanding on angles had been achieved, everyone buzzing, another step forward towards safe, fast flying. A big thank you to CI Steve Edwards for being DZSO for the camp, he's guidance is second to none, offloading he's experience/ knowledge to all those around him. Thanks to the APF for using some sports development funding for the event, thanks to SQPC for funding and guidance for the camp, and to everyone at Skydive Byron Bay for their professional attitude towards the day. Cheers to all the jumpers that made it happen, and to Matt for flying the plane, Tyler and Mason it was a pleasure to run with you guys, and learn from you both, I learned a lot while you were here and will only spread the knowledge learned to those around me....see you lads soon... fly fast...yyeeewww



WINGSUITING HOME

HEATHER SWAN flying her Apache X by Tony Suits, "hoping I'm heading for the DZ!"



CYPRES 2 USER-SELECTABLE ACTIVATION ALTITUDE

(Amanda, put one of the little Cypres adverts in with this)

CYPRES 2 now offers users the option of increasing the activation altitude up to 9 steps of approximately 100 feet (30 meters) each. The activation altitude setting increase (1-9) remains until changed and is noted on the CYPRES display to avoid confusion about the activation altitude selected. See www.cypres.cc for further details.

The decision to increase the activation altitude, and by how much, has to be taken by the user, preferably in consultation with the reserve & main canopy and harness / container manufacturers. Warning: The higher the activation altitude, the more likely is a two canopy out scenario on low main openings.

Because of the variables involved, it is the user who bears all responsibility and consequences of his activation altitude setting. Airtec GmbH & Co. KG, the manufacturer of the CYPRES device, does not take any responsibilities thereof.



SUNRISE BALLOON JUMP

MALCOLM at the top, GEORGE FOSTER in the middle and WES at the bottom, with Cape Byron in the background.



NEXT GEN

JARRAD "JAZZA" MCCOMB doing his first Static Line jump at Commandos over Tooradin, Victoria. Static Line instructor is **PHIL HOPE** and photo taken by proud Dad, PHIL MCCOMB.



INSIDE MR BILL

MATT DRUERY (blue shirt) reckons this is the Mr Bill Money Shot. Photo was taken by HAMISH BRISSETT during their first Mr Bill attempt, near Townsville.



CHANGES AT THE NZ SCHOOL

New Zealand Skydiving School is the longest established skydiving organisation in the country and the first and only training establishment to offer a formal skydiving qualification which aims to teach students all the skills required to make them highly employable in the international skydiving industry. The 32-week full-time Diploma in Commercial Skydiving includes 200 skydives, teaches students the latest skydiving techniques and covers a vast range of subjects to give students the best start in the industry.

NEW COACH - GARY BEYER

A world champion skydiver in 8-way with 7 world and 28 national medals, Gary is one of the most highlydecorated and experienced FS coaches in the world. From 1995 to 2002 Gary was a member of Arizona



Airspeed, the multiple US national and world champion team. He has been running his own coaching business since 2002, specializing in 1-on-1, 4-way and 8-way team coaching (beginner to world competition level), as well as large formation organising. In 2009, as a member of Spaceland Force, Gary's team broke the 4-way world record (45 points) and posted a 24.4 average. Gary is also a veteran large formation coach, having been a sector captain on the 300-way world record, regular organiser on the AZ Challenge 100-way sequentials and solo organiser of the popular, Arizona-based OTL 16 to 20-way sequential invitational. He's been a professional wind tunnel coach since 1999 with thousands of tunnel hours and a tunnel camp organiser for sport and military skydivers since 2002.

NEW OPS MANAGER - DARREN DOYLE

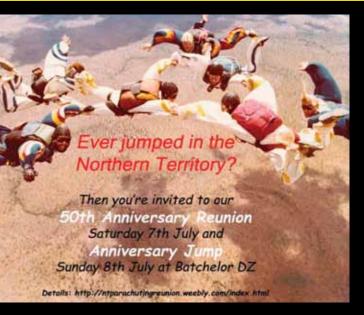
Darren has managed and worked on DZs in Australia and USA. He is an AFF and Tandem instructor and Videographer as well as Freefly and Canopy piloting coach. Darren represented Australia at the first World Championship of Canopy Piloting in Austria in 2006.



A DIAMOND AT THE LOWER LIGHT BOOGIE.

JULES, RICHIE, LAURA WATSON & CHRIS KALINS.Photo: Curtis Morton





CERTIFICATE 'A'	ALEXANDER	BRETT	MANNING	JO
JYE		JOEL	MARTIN	DA
CHRISTINE	AYOUB	ALEX	MILLER	DA
MARTIN	BARNARD	ANGELA	MULCAHY	
JOSHUA	BEALE	WILLIAM	OSTRICK	AD.
AGNES	BELANGER	PETER	PELLEGRINI	CH
ANDREA	BOERKAMP	MURRAY	PHILIP	RO
JOHANNA	BOHN	BLAKE	POOLE	MA
JARROD	BRAIN	IAN	PURVIS	KAI
JUSTIN	BROWN	NILE	reinartz	COI
Sarah	BUDD	Stephen	Rourke	CEI
THOMAS	BUDIN	THOMAS	RUSSELL	CA
JULIAN	Bylhouwer	Lee	SCORRAR	
JAMES	CALLAGHAN	CHRIS	SHARPLES	JA
JUSTIN	CASTELLI	CONAN	SINKO	
DANIEL	CATLOW	ANDREW	SMITH	BEI
	CONROY	COREY	SMITH	RO
CHRISTOPHER	COOK	JAY GARY	STOREY	LE(AD
ryan	COOPER	PETA	TAYLER	NIC
Arianna	DE MARIO		THOMPSON	Bei
CALLAM	DEMPSEY	MICK	TUCKER	ELI
WILLIAM	EDMEADES	Nathan	WAGEMANS	RO
BRETT	FELLOWES	RICHARD	WARD	DA
GRAHAM	FOY	Abraham	WHAANGA	EV/
ADAM	FRAMPTON	BRADLEY	WHITE	RIC
NINA	FRISCHKNECHT	LUKE	WICKLIFFE	
MARK BEN	GARDOZ GARNSEY	CLINT	WOOD	LA(RIA
MATT	GILSENAN	CERTIFICATE 'C' MATTHEW	ALISON	CO MI
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Megan	HARPER	JACOB	BENNETT	SH
KYM	HAUFE	SAMUEL	BISHOP	GEI
Brendon	Hellmund		BJORK	GR
CHAD MATT	HILL HOLMES	MATT	BLAIKLOCK	GRI ST/
ARJEN	HOVING	LOUIS	BLIGHT	JAI
TERRY	JENNER	ANDREW	Brock	
AARON	KERR	MARK ASH	BYRNE Darby	PAI JA(
SIMON	KUBE	ADAM	DEAN	AA
LUKAS	KURTZ	Cameron	DRIBBUS	HA
ANDREW	MACKAY	MATT	ERNESTI	JAI
MICHAEL	MANNING	JOHNNY	FECHER	CAI
PASCHAL GERRY	MCERLEAN MCGHEE	STUART	FORSTER	NIC
LEIGH	MCGRATH	MATTHEW	GRIGGS	AR
SHAUN	MCLOUGHNEY	PASI	HAVANA	
JASMINE DANNY	MELVILLE	GRAEME Alain	HOOFT HUBERT	BAI
RORY	MOGENSEN MURTAGH	LEON WILL	HUNT KENT	AU
dirk	NICOLAY	katharina	kube	KRI
Jarrod	Norman	Ralf	Kurzbein	JOI
SEAN	O'ROURKE	TARAN	LAVAL	CH.
Solomon	OULD	AUSTIN	LAWSON	JOI
ELLIOT DALE	PARSONS PARSONS	BARRETT	LEFEBVRE	NIL
HILDE Matthew	PETTERSEN REID	KRIS	LITTLEJOHN	GA TR/
BEN Brent	RIVETT ROBSON	ADAM BRENT	MACPHERSON	TR/ AD/ NA
LUKE	ROGERSON	Mark Braeden	MCALLISTER MCCAIG	AD KAI
JUSTIN	ROY SIMON	JAMES Chris	MCFARLANE Noronha	AN
JORDAN	Smith	AARON	OWEN	PA
SCOTT	Smithwick	TIM	PARRANT	MA
AIMEE	SOUTHWELL	MURRAY	Philip	PAI
Zoran	STOPAR	CHARLES	Pope	
WADE CRAIG	SUTCLIFFE THOMAS	JODIE NILE	PRIME REINARTZ	AAI CAS MA
ADAM	THOMAS	ROSS	RICHTER	SC
TOMMY	TORRESDAL	TRISTAN	ROULSTON	
MARIETTE ADRIAN	VAN DEN BERG VAN TRIER	BIANCA	SAATHOFF	JEF
CODY	VANCINA	DEAN	SAMPSON	AN
COREY	VANDEPOLDER	GARY	SCHEEPENS	
NYSSA	WHILEY	JORDAN Brandon	SCHOTT SHORTLAND	AN ALY MA
JAMES BRADLEY	WHITE	CONAN ANDREW	SINKO SMITH	ISA SCI GAI
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JUSTEN	WRIGHT	MARTIN	TOK	CO
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CHASE	CLEAVER	LAURA	BARROW	MA
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Kevin	HUTCHENS	Sean	Haysom	CH
EMMI	ISAKOW	JILL	HEWITT	KE
Nikolai	Jokinen	VICTOR	HOWARD	BEI
TYLER BRODY	JUHAS JUHAS	MARTIN	HOWELL	DI
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CHAEL RY	ROWAN SCHEEPENS	TOM
ACY	SCOTT STRUTHERS	BRAD
ОМІ	VLAHOLIAS	INSTR GUY
rian Lon Drew	WEAVER WILLIAMS WRIGHT	RICHAR
<mark>cker 'B'</mark> Ria	BAUER	ISAAC MICHA
	BEAHAN	
RON SEY IRK	BOOTLAND BUTLER	Paul Verno
OTT	BYRNE CLARK	INSTR STUAR
OTT ON FFREY	DEMUTH GARDINER	SAM
BRIELE DREW	GHILARDI HEDGMAN	TUTOR Shelly
/SHA IRC IAC	MACFARLANE MCFARLANE PARKES	TUTOR Matth
OTT	PATERSON	TUTOR
BRIEL RMAC	PHILLIPS REIDY	JEREM
M CHAEL IDDY	ROBERTS ROWAN	SCOTT ENDOR
EVEN	VAN DEN BOS WILLIAMSON	guy Mark
NOPY CREST Nielle	BLUNDEN	JAMES RICHAR
CKER 'A'		JACK ISAAC
RKE CHARD IRK	HAVINGA MENARD	TONY MICHA
irk Ger Drew	SILLIFANT	MARTI
DREW Splay 'D'	KNOWLES	TANDE Stron
YNE COB	BEAVIS BENNETT	MATT
RON	BOOTLAND	DES RAY
rah Hn Lan	BROWN BUCKNELL	MIKE
ASE	CARTER CLEAVER COOK	MATT
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AIRCRAFT LEGEND Aircraft Type Max. Skydivers 4 pla Cessna 180 Cessna 185 4 place 5 place 6 place Cessna 182 Cessna 206 Islander 10 place 20 place 10 place 8 place, turbine Islander Piper Navajo 16 place, turbine 10 place, turbine Cessna Caravan Cresco XI 17 place turbine 20 place, turbine Skyvan 20 Helio Courier Helicopter

NORTHERN TERRITORY DARWIN PARACHUTE CLUB INC.

PO BOX 3114, DARWIN NT 0801 CHIEF INSTRUCTOR: VACANT Club Phone: 0412 442 745 Drop Zone Phone: 08 8976 0036 Email: skydive_territory@yahoo.com.au Drop Zone Location: BATCHELOR AIRFIELD Web: www.skydiveterritory.com.au Aircraft: Cessna 182

TOP END TANDEMS

PO BOX 692, SANDERSON NT 0813 CHIEF INSTRUCTOR: ASHLEY SMITH Club & Drop Zone Phone: 0417 190 140 Email: topendtandems@bigpond.com Drop Zone Location: DARWIN - LEE POINT BEACH Veb: www.topendtandems.com.au Aircraft: Cessna 182

QUEENSLAND - NORTH

AYRSPORTS INCORPORATED PO BOX 546, TOWNSVILLE QLD 4810 Non Training Operation Club Phone: 07 4728 4437 Email: ask@ayrsports.org.au Drop Zone Location: THE AYR AERODROME Web: www.ayrsports.org.au

FAR NORTH FREEFALL INC PO BOX 446, EL ARISH QLD 4855

Non Training Operation Club Phone: 07 4068 5259 Email: p1953@bigpond.com.au Drop Zone Location: TULLY AERODROME Aircraft: Cessna 182 and Cresco

MACKAY PARACHUTE CENTRE

9 ELAMANG ST, MACKAY QLD 4740 CHIEF INSTRUCTOR: RAY MAKIN Club Phone: 07 4957 6439 Drop Zone Phone: 0408 703 554 Email: ray@skydivemackay.com.au Drop Zone Location: MARIAN AIRFIELD Web: www.skydivemackay.com.au Aircraft: Cessna 182

PAUL'S PARACHUTING

PO BOX 90N, CAIRNS QLD 4870 CHIEF INSTRUCTOR: GLENN BOLTON Club Phone: 02 6684 1323 Email: info@australiaskydive.com Drop Zone Location: EDMONTON CAIRNS Web: www.australiaskydive.com.au Aircraft: Cessna Caravan x2 (16 Place)

SKYDIVE AIRLIE BEACH

PO BOX 1152, AIRLIE BEACH QLD 4802 CHIEF INSTRUCTOR: JONNY GOSS Club Phone: 0418 762 315 Drop Zone Phone: 07 4946 9115 Email: info@airliebeach.com.au Drop Zone Location: WHITSUNDAY AIRPORT SHUTE HARBOUR

Web: www.skydiveairliebeach.com.au Aircraft: Two Cessna 182s & GA8 Airvan SKYDIVE CAIRNS

PO BOX 105 N, NORTH CAIRNS QLD 4870 CHIEF INSTRUCTOR: STEVE LEWIS Club Phone: 07 4068 7477 Email: jtboffice@australianskydivcompany.com.au DROP ZONE LOCATION: 1) EDMONTON, CAIRNS 2) MISSION BEACHES Web: www.jumpthebeach.com.au

Aircraft: XL750 (16 place), Cessna Caravan (16 place), Cessna 182

SKYDIVE THE WHITSUNDAYS

ASM 82

PO BOX 291, CANNONVALE QLD 4802 Non Training Operation Club Phone: 0414 566 697 Email: ngpc@mackay.net.au Drop Zone Location: PROSERPINE/SHUTE HARBOUR Aircraft: Cessna 182

SKYDIVE TOWNSVILLE

PO BOX 1786, TOWNSVILLE QLD 4810 CHIEF INSTRUCTOR: ALAN MOSS Club/Drop Zone Phone: 0412 889 154 Email: info@skvdivetownsville.com DROP ZONE LOCATION: 1) AYR AIRPORT 2) THE STRAND - TOWNSVILLE. Web: www.skydivetownsville.com Aircraft: C182

TANDEM CAIRNS PO BOX 753, BUNGALOW QLD 4870 CHIEF INSTRUCTOR: ADAM DAVIES Club Phone: 07 4041 2466 Email:admin@tandemcairns.com.au DROP ZONE LOCATION: MUNDOO AERODROME INNISFAIL Web: www.tandemcairns.com.au Aircraft: Cresco XL

OUEENSLAND - SOUTH

AUSTRALIAN PARARESCUE TEAM PO BOX 86, Southport Gold Coast QLD 4215 Non Training Operation Club Phone: 0416 611 499 Email: paulweir56@yahoo.com.au

BRISBANE SKYDIVING CENTRE PO BOX 226, Milperra LPO NSW 2214 CHIEF INSTRUCTOR: BRIAN SCOFFELL Club Phone: 07 3333 2077

Email: admin@brisbaneskydivers.com Drop Zone Location: WILLOW BANK divers.com.ai Web: www.brisbaneskydivers.com.au Aircraft: Cessna 182

GATTON SKYDIVERS CLUB INC PO BOX 266, CANNON HILL QLD 4170 Non Training Operation Club Phone: 07 5466 5630

Email: ripcord@ripcord-skydivers.com.au Drop Zone Location: GATTON Web: www.ripcord-skydivers.com.au Aircraft: C-206 and C-182

GOLD COAST SKYDIVE PTY LTD PO BOX 332, COOLANGATTA QLD 4225 CHIEF INSTRUCTOR: ARCHIE JAMIESON Club & Drop Zone Phone: 07 5599 1920 Email: info@goldcoastskydive.com.au Drop Zone Location: KIRRA BEACH & LEN PEAK OVAL Web: www.goldcoastskydive.com.au Aircraft: Cessna 182

QUEENSLAND ADRENALIN SKYDIVERS

PO BOX 166 , GEEBUNG QLD 4034 CHIEF INSTRUCTOR: JIM CZERWINSKI Club Phone: 07 3314 3664 Drop Zone Phone: 0417 079 460 Email: info@adrenskydivers.com.au Drop Zone Location: RAGLAN & WOORIM BEACH BRIBIE ISLAND Web: www.adrenskydivers.com.au Aircraft: C182 & C206

RAMBLERS PARACHUTE CENTRE CHIEF INSTRUCTOR: DAVID McEVOY

Drop Zone Location 1) TOOGOOLAWAH Web: www.ramblers.com.au PO BOX 136, TOOGOOLAWAH QLD 4313 Club Phone: 07 5423 1159 Email: skvdive@ramblers.com.au Drop Zone Location 2) COOLUM BEACH Web: www.skvdiveforfun.com.au PO Box 191, COOLUM BEACH QLD 4573 Club Phone: 07 5448 8877 Email: jump@skydiveforfun.com.au Aircraft: Cessna Caravan and Cessna 182

REDCLIFFE CITY SKYDIVING

PO BOX 105, REDCLIFFE QLD 4020 CHIEF INSTRUCTOR: JOHN COOK Club Phone: 02 6684 1323 Email: reservations@skydiveredcliffe.com.au Drop Zone Location: SUTTONS BEACH - REDCLIFFE Web: www.iumpthebeachbrisbane.com.au Aircraft: C182 & PA31 Navajo

RIPCORD SKYDIVERS

PO BOX 266, CANNON HILL QLD 4170 CHIEF INSTRUCTOR: JOHN FRISWELL Club Phone: 07 3399 3552 Drop Zone Phone: 07 5466 5521 Email: ripcord@ripcord-skydivers.com.au Drop Zone Location: GATTON Web: www.ripcord-skydivers.com.au Aircraft: C-182 and C-206

RIPCORD SKYDIVERS ASSOCIATION

50 RICHARDS STREET, LOGANLEA OLD 4131 Non Training Operation Club Phone: 07 5466 5630 Email: ripcordskydiversinc@hotmail.com Drop Zone Location: GATTON Web: www.ripcord-skydivers.com.au Aircraft: C-206 & C-182

SKYDIVE CABOOLTURE

PO BOX 268, GLASS HOUSE MOUNTAINS QLD 4518 CHIEF INSTRUCTOR: IAN MCGREGOR Club Phone: 07 5496 9562 Drop Zone Phone: 0414 704 415 Email: imc@big.net.au Drop Zone Location: CABOOLTURE AIRFIELD Web: www.skydivecaboolture.com Aircraft: Cessna 182, Cessna 206

SKYDIVE CENTRAL QUEENSLAND PO BOX 116, GEEBUNG QLD 4034 Non training operation Club Phone: 07 3314 3664 Email: info@skydivecq.com.au Web: www.skydivecentralqueensland.com.au

SKYDIVE HERVEY BAY c/o 677 TOWER ROAD, BANKSTOWN AERODROME,

ŃSW 2200 NSW 2200 CHIEF INSTRUCTOR: RAY CURRY Club Phone: 07 4183 0119 Drop Zone Phone: 0427 969 875 Email: dz@herveybayskydivers.com.au Drop Zone Location: HERVEY BAY AIRPORT Web: www.sydneyskydivers.com.au Aircraft: Cessna 185

SKYDIVE RAINBOW BEACH PO BOX 7, RAINBOW BEACH QLD 4581 CHIEF INSTRUCTOR: STEVE GEENS Club Phone: 0418 218 358 Email: info@skydiverainbowbeach.com Drop Zone Location: RAINBOW BEACH Web: www.skvdiverainbowbeach.com Aircraft: Super C-182

SOUTH EAST QUEENSLAND SKYDIVERS INC PO BOX 251, WAVELL HEIGHTS OLD 4012

Non Training Operation Club Phone: 0414 712 448 Email: seqsclub@gmail.com Web: www.seqsclub.com.au SUNSHINE COAST SKYDIVERS

PO BOX 1079, CALOUNDRA QLD 4551 CHIEF INSTRUCTOR: TIBOR GLESK Club Phone: 07 5437 0211 Email: bookings@ sunshinecoastskydivers.com.au Drop Zone Location: CALOUNDRA AIRPORT Web: www.sunshinecoastskydivers.com.a Aircraft: Piper Navaio

TOOGOOLAWAH SKYDIVERS CLUB INC. 121 KITCHENER ROAD, KEDRON OLD 4031 Non Training Operation Club Phone: 0418 154 119 Email: tscqld@gmail.com Drop Zone Location: TOOGOOLAWAH Aircraft: Cessna Caravan

NEW SOUTH WALES

ADRENALIN SKYDIVE 4 RADFORD STREET, HEDDON GRETA NSW 2321 CHIEF INSTRUCTOR: BILL TUDDENHAM Club/ Drop Zone Phone: 0422 585 867 Email: skydive@pacific.com.au Drop Zone Location: GOULBURN AIRPORT, NSW Web: www.askvdive.com/ Aircraft: Cessna 182, 206

BYRON LANDINGS TANDEM SKYDIVE PO BOX 226, MILPERRA NSW 2214 CHIEF INSTRUCTOR: STEVE LEWIS

Club Phone: 07 3333 2077 Email: admin@byronbayskydivers.com.au Drop Zone Location: GLEN VILLA HOLIDAY PARK, BYRON BAY

Web: www.byronbayskydivers.com.au

COASTAL SKYDIVERS 15 WEISMANTLE STREET, WAUCHOPE NSW 2446 CHIEF INSTRUCTOR: TONY MAURER Club & Drop Zone Phone: 0428 471 227 Email: jumpportmac@bigpond.com Drop Zone Location: PORT MACQUARIE AIRPORT NSW Web: www.coastalskydivers.com Aircraft: Cessna 182

COFFS CITY SKYDIVERS

PO BOX 4208, COFFS HARBOUR NSW 2450 CHIEF INSTRUCTOR: LAWRENCE HILL Club & Drop Zone Phone: 02 6651 1167 Email: jump@coffsskydivers.com.au Drop Zone Location: COFFS HARBOUR AIRPORT Web: www.coffsskydivers.com.au Aircraft: Cessna 182

FUNNY FARM SKYDIVING

11 MARINE STREET, BALLINA NSW 2478 CHIEF INSTRUCTOR: ROGER MULCKEY Club Phone: 1800 302 005 Drop Zone Phone: 0402 008 924 Email: info@goskvdive.com.au Web: www.goskydive.com.au Drop Zone Location: EVANS HEAD AERODROME & KINGSFORD SMITH PARK- BALLINA Aircraft: C-182 (Super)

JUST JUMP SKYDIVE PO BOX 4009, EAST GOSFORD NSW 2250

CHIEF INSTRUCTOR: BILL TUDDENHAM Club Phone: 02 4322 9884

Email: bookings@justjumpskydive.com.au Drop Zone Location: WHITTINGHAM AIRFIELD, SINGLETON Web: www.justiumpskydive.com.au Aircraft: Cessna 206 & XL-750 NEWCASTLE SPORT PARACHUTE CLUB PO BOX 158 BRANXTON, NSW 2335 CHIEF INSTRUCTOR: TONY MAURER Club & Drop Zone Phone: 02 4938 1040

Email: kenton@skysports.com.au Drop Zone Location: MOORES LANE ELDERSLIE and WITTINGHAM AIRFIELD, SINGLETON Web: www.skydivenewcastle.com Aircraft: Cresco 750

SIMPLY SKYDIVE - PENRITH LAKES SKYDIVING

12 Perth Street, Oxley Park Sydney, NSW 2760 CHIEF INSTRUCTOR: STEPHEN FICKLING Club Phone: 02 9223 8444 Drop Zone Phone: 0406 427 900 Email: debgood@australiaskydive.com.au Drop Zone Location: PENRITH LAKES Web: www.sydneycity.com.au Aircraft: Piper Navajo, C-207, C-210, HELIO COURIER

SKYDIVE BYRON BAY

PO BOX 1615 , BYRON BAY NSW 2481 CHIEF INSTRUCTOR: STEPHEN EDWARDS Club Phone: 02 6684 1323 Email: info@australiaskydive.com Drop Zone Location: TYAGARAH AIRFIELD Web: www.australiaskydive.com Aircraft: Caravan

SKYDIVE COFFS HARBOUR

PO Box 351, COFFS HARBOUR NSW 2450 CHIEF INSTRUCTOR: Mark Brody Drop Zone Phone: 0433 254 438 Email: skydivecoffsharbour@australiaskydive.com Drop Zone Location: COFFS HARBOUR AIRPORT Web: www.skydivecoffs.com Aircraft: C-182

SKYDIVE MAITLAND

PO BOX 202, RUTHERFORD NSW 2320 CHIEF INSTRUCTOR: JASON CLARKE Club Phone: 02 4932 7989 Drop Zone Phone: 0425 200 185 Email:info@skydivemaitland.com.au Drop Zone Location: RUTHERFORD AIRPORT Web: www.skydivemaitland.com.au Aircraft: Turbine Stretch Fletch PT6 and C-182

SKYDIVE OZ PO BOX 925, MORUYA NSW 2537 CHIEF INSTRUCTOR: JULIA McCONNEL Club Phone: 0438 185 180 Email: fun@skvdiveoz.com.au Drop Zone Location: MORUYA AIRFILED, BATEMAN'S BAY & COUNTRY NSW Web: www.skydiveoz.com.au/ Aircraft: Cessna 180 and Cessna 185

SKYDIVE TEMORA PO BOX 2, TEMORA NSW 2666 CHIEF INSTRUCTOR: GREG COX

Club Phone: 02 6978 0137 Drop Zone Phone: 0417 695 759 Email: sales@skydivetemora.com.au Drop Zone Location: TEMORA AIRPORT Web: www.skydivetemora.com.au/ Aircraft: Cessna 182

SKYDIVE THE BEACH PO BOX 5361, WOLLONGONG NSW 2500 CHIEF INSTRUCTOR: GLENN HOGAN Club Phone: 02 4225 8444 Email: info@skydivethebeach.com Drop Zone Location: STUART PARK, WOLLONGONG Web: www.skydivethebeach.com/ Aircraft: Navajo, Cessnas 206, 182 and Caravan 208

SKYDIVING NSW DROP ZONE PO BOX 764, TAREE NSW 2430 CHIEF INSTRUCTOR: MARK BRODY Club & Drop Zone Phone: 0418 730 741 Email: skydiving@westnet.com.au Drop Zone Location: TAREE AIRPORT Aircraft: C182

SYDNEY SKYDIVERS PO BOX 226 Milperra LPO 2214 CHIEF INSTRUCTOR: PHIL ONIS Club Phone: 02 9791 9155 Drop Zone Phone: 02 4630 9265, Email: admin@cudpatediumors.com Email: admin@sydneyskydivers.com.au Drop Zone Location: PICTON, NSW Web: www.sydneyskydivers.com.au Aircraft: Cessna Caravan, Beaver & 750XL

TANDEM SKYDIVING 25 COMARA CLOSE, COFFS HARBOUR NSW 2450 CHIEF INSTRUCTOR: DICK PETTERS Club Phone: 02 6651 9016 Drop Zone Phone: 0418 275 200 Email: rpetters@ozEmail:.com.au DROP ZONE LOCATION: CAMBEWARRA Web: www.tandemskudivigenter.com.au Web: www.tandemskydivingcentre.com.au Aircraft: Cessna 180

WESTERN DISTRICTS PARACHUTE CLUB

PO BOX 172, DUBBO NSW 2830 CHIEF INSTRUCTOR: MIKE CARRE Chiler INSTRUCTOR: MIRE CARRE Club Phone: 02 6884 8266 Drop Zone Phone: 02 6852 3845 Email: lyndon.p@optusnet.com.au Drop Zone Location: FORBES AIRPORT Aircraft: Cessna 182

Club Phone: 02 6285 1453 Club Phone: 02 6285 1453 Drop Zone Phone: 0418 487 953 Email: aerialskydiving@ozemail.com.au Drop Zone Location: MINT OVAL, DEAKIN, ACT Web: www.jump.act.com Aircraft: Cessna 206

SKYDIVE CANBERRA

4 BADGER PL, OXLEY ACT 2903 CHIEF INSTRUCTOR: PAUL SMITH Club Phone: 02 6296 1911 (BH) Drop Zone Phone: 0458 736 920 ACT Web: www.skydivecanberra.com.au Aircraft: Cessna 182

VICTORIA

AERIAL SKYDIVES PO BOX 266, CHURCHILL VIC 3842 CHIEF INSTRUCTOR: JANINE HAYES Club Phone: 1800 674 276 Email: janine@aerialskydives.com Drop Zone Location: LATROBE REGIONAL AIRPORT, TRARALGON

Web: www.aerialskydives.com Aircraft: Cessna 182

AUSTRALIAN SKYDIVE PO BOX 839, TORQUAY VIC 3228 CHIEF INSTRUCTOR: RALPH HAMILTON-PRESGRAVE Club Phone: 03 5261 6620 Drop Zone Phone: 0401 809 022 Email: info@australianskvdive.com.au Drop Zone Location: 1) BRIDGEWATER ON LODDON 2) TIGER MOTH WORLD TORQUAY Web: www.australianskydive.com.au

Aircraft: Cessna 182, 206 & 208 COMMANDO SKYDIVERS INCORPORATED PO BOX 2066, ROWVILLE VIC 3178 CHIEF INSTRUCTOR: Peter Knights Club Phone: 1300 555 956 Drop Zone Phone: 03 5998 3702 Email: jump@commandoskvdivers.com.au

Aircraft: 2 x Cessna 206

FREEFALL UNITED INC

Email: geoffg2@tpg.com.au Drop Zone Location: VARIOUS Aircraft: Cessna 182

Email: info@relworkers.org Web: www.relworkers.org

SKYDIVE NAGAMBIE

Aircraft: Cessna 182

SKYDIVE VICTORIA

Aircraft: VARIOUS

SOUTH AUSTRALIA

AUSTRALIAN CAPITAL TERRITORY AERIAL SKYDIVING PTY LIMITED 8 FRASER PL, YARRALUMLA ACT 2600 CHIEF INSTRUCTOR: GRAEME WINDSOR

Drop Zone Location: CANBERRA - MINT OVAL, DEAKIN,

Drop Zone Location: 1) TOORADIN AIRFIELD 2) PHILLIP ISLAND AIRPORT Web: www.commandoskydivers.com.au

14 ITKESTON ST, HERNE HILL, VIC 3218 Non Training Operation Club Phone: 03 5221 8606

MELBOURNE SKYDIVE CENTRE 285 AUBURN ROAD, HAWTHORN VIC 3122 CHIEF INSTRUCTOR: PAUL MURPHY Club Phone: 1300 734 471

Ciub Phone: 1300 /34 4/1 Drop Zone Phone: 0400 550 479 Email: sales@melbourneskydivecentre.com.au Drop Zone Location: LILYDALE AIRPORT Web: www.melbourneskydivecentre.com.au Aircraft: Cessna 182

RELWORKERS INCORPORATED 2 Chicquita Street, Bacchus Marsh VIC 3340 Non Training Operation Drop Zone Location: NO FIXED DZ Club Phone: 0409 802 338

PO BOX 311, NAGAMBIE VIC 3608 CHIEF INSTRUCTOR: DON CROSS Club Phone: 03 5794 1466 Drop Zone Phone: 03 5794 2626

Email: jump@skydivenagambie.com Drop Zone Location: NAGAMBIE Web: www.skydivenagambie.com Aircraft: XL 750 & Cessna 182

SKYDIVE THE BEACH MELBOURNE PO BOX 5361, WOLLONGONG NSW 2500 CHIEF INSTRUCTOR: GREG HAYS Club Phone: 02 4225 8444

Email: bookings@skydivethebeachmelbourne.com Drop Zone Location: MORAN RESERVE, ELWOOD Web: www.skydivethebeachmelbourne.com.au

PO BOX 16, COROWA NSW 2646 CHIEF INSTRUCTOR: FRANK SMITH Club Phone: 02 6033 2435 DZ 0415 704 748

Email: enquiries@skvdivevictoria.com.au Drop Zone Location: COROWA AIRPORT Web: www.skydivevictoria.com.au

ADELAIDE TANDEM SKYDIVING PO BOX 1014, GOLDEN GROVE SA 5125 CHIEF INSTRUCTOR: ALLAN GRAY Club Phone: 08 8520 2660 Drop Zone Phone: 08 8520 2660 Email: info@adelaideskydiving.com.au Drop Zone Location: LOWER LIGHT Web: www.adelaideskydiving.com.au Web: www.adelaideskydiving.com.au Aircraft: C-182

SKYDIVE GOOLWA PO BOX 333. GLENELG SA 5045

CHIEF INSTRUCTOR: MARK GAZLEY Club Phone: 0448 148 490 Email: jump@skydivegoolwa.com.au Drop Zone Location: GOOLWA AIRFIELD Web: www.skydivegoolwa.com.au Aircraft: C-182

SA SKYDIVING 89E GOODWOOD RD, GOODWOOD SA 5034 CHIEF INSTRUCTOR: GREG SMITH CHIEF INSTRUCTOR: GREG SMITH Club Phone: 08 8272 7888 Drop Zone Phone: 0418 845 900 Email: greg@saskydiving.com.au Drop Zone Location: LANGHORNE CREEK AIRFIELD Web: www.saskydiving.com.au Aircraft: Cessna 206, Cessna 182

SOUTH AUSTRALIAN SPORT PARACHUTE CLUB INC PO. BOX 884, NORTH ADELAIDE SA 5006 Non Training Operation Club Phone: 0405 167 493 Drop Zone Phone: 0488 778 864 Email: committe_bounces@lists.saspc.asn.au Drop Zone Location: LOWER LIGHT, LANGHORNE CREEK, GOOLWA Web: www.saspc.asn.au Aircraft: Cessna 206, Cessna 182

WESTERN AUSTRALIA HILLMAN FARM SKYDIVERS INC. PO BOX 75, FLOREAT WA 6014

Chief Instructor: Graham Lee Drop Zone Location 1) HILLMAN FARM AIRSTRIP Club Phone: 0466 725 669 Drop Zone Phone: 08 9736 1386 Email: andy_vukovich@bigpond.com Drop Zone Location 2) KALBARRI Email: info@skydivekalbarri.com Web: www.skydivekalbarri.com Aircraft: Cessna 182 & NAVAJO

KAMBALDA SKYSPORTS PO BOX 79, KAMBALDA WEST WA 6444 CHIEF INSTRUCTOR: MICK MURTAGH Club Phone: 08 9027 1043 Drop Zone Phone: 04 9027 1043 Drop Zone Phone: 0419 853 193 Email: murtaghm@bigpond.net.au Drop Zone Location: KAMBALDA WEST AIRSTRIP Aircraft: C-182

SKYDIVE JURIEN BAY PO BOX 810, JURIEN BAY WA 6516 CHIEF INSTRUCTOR: PETE LONNON Club Phone: 08 9652 1320 Email: office@skydivejurienbay.com Drop Zone Location: JURIEN BAY Web: http://www.skvdiveiurienbay.com/ Aircraft: Cessna 182

SKYDIVE BROOME PO BOX 293, WICKHAM WA 6720 CHIEF INSTRUCTOR: RALPH FORD Club/Drop Zone Phone: 0417 011 000 Email: info@skydivebroome.com.au Drop Zone Location: WICKHAM AIRSTRIP & BROOME TURF CLUB Web: http://www.broomeskydiving.com/ Aircraft: C-182 SKYDIVE EXPRESS

PO BOX 151, LEEDERVILLE WA 6903 CHIFF INSTRUCTOR: DON WOODI AND Club Phone: 08 9444 4199 Drop Zone Phone: 08 9641 2905 Email: jump@skydive.com.au Drop Zone Location: YORK Web: www.skvdive.com.au Aircraft: Cessna Caravan and Cessna 182

SOUTHERN SKYDIVERS PO BOX 1478, BUSSELTON WA 6280 CHIEF INSTRUCTOR: AUSSIE POWER Club Phone: 0424 174 197 Drop Zone Phone: 0439 979 897 Email: glenn@southernskvdivers.com.au Drop Zone Location: BUSSELTON REGIONAL AIRPORT Web www.southernskydivers.com.au Aircraft: C182 and C206 SPORTING SKYDIVERS CLUB OF WA 10 VALENCIA GROVE, MOUNT NASURA WA 6112 Non training Operation Club Phone: 08 9399 7333

Email: cblenco@bigpond.net.au Drop Zone Location: VARIOUS

WEST AUSTRALIAN SKYDIVING ACADEMY PO BOX 439, NORTHBRIDGE WA 6865 CHIEF INSTRUCTOR: ROBIN O'NEILL Club Phone: 08 9227 6066 Email: wasac@iinet.net.au Drop Zone Location: PINJARRA Web: www.waskvdiving.com.au Aircraft: PA31-310 NAVAJO, G8 Turbocharged Airvan and 2 X C182 WICKHAM SKYDIVERS INCORPORATED PO BOX 293, WICKHAM WA 6720

Non training Operation Club Phone:one: 0418 937 680 Email: glen@oceanicoffshore.com.au Drop Zone Location: WICKHAM

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