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skydiver

magazine



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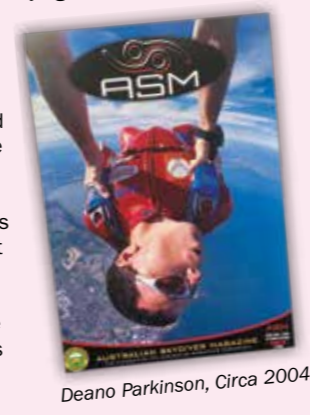


FEATURES



EDITORIAL

As I write an editorial each issue it is always a reflection of the times, at which point I generally marvel at all the amazing people doing amazing things. For the first time in a long time I've thought, well well, there's nothing too new or outstanding in this mag as far as emerging disciplines, spectacular stunts or unique locations go. There is however a LOT going on with Speed Skydiving. It's not a new discipline, the vision of Ash Crick and Deano Parkinson donning extremely shiny, tight suits back in the day will forever be etched in my memory bank. For whatever reason(s) back then the discipline never really took off, it seemed like it died a natural death, certainly in Australian competitive circles anyway. How about this great resurgence? It does sound sensational doesn't it, who wouldn't want to be "The Fastest Person on Earth"?! It is such a fabulous addition to the Sport on so many levels. Anybody and everybody can do it. Only one slot needed makes it easy to get on a load. Only yourself to organise, no other team members to herd is easy, and refreshing for seasoned competitors. It doesn't interfere with other jumping commitments, rather it can be a great addition in between. There's a device to accurately measure, and data to analyse, giving a scientific approach to training and improvement. The benefits go on and on, and are so satisfying. A big shout out to Ash Crick and his investigative brain for discovering the Speed measuring problems, and his will and perseverance to right the wrongs. Part 2 of his article on page 63 is a great read, thanks for sharing Ash. Now that true speeds are being measured, it's got a lot of people interested. The future of this discipline is very exciting!



Susie EDITOR
Susie McLachlan

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FRONT COVER



Sarah Hogan and Tayne Farrant during Downunder Dynamics #6 over Nagambie, VIC.
Photographer: Kian Bullock

BACK COVER



Nationals 8-Way Open champions EVACUS! over Moruya, NSW.
Photographer: Dan Rossi

Wanted For Next Issues

- Profile of yourself, your mate, your hero or a 10,000 Jump Pig
- No Shit There I Was stories
- Ouch photos
- Happy Snaps
- Drop Zone stories

Next Deadlines

Issue 96	Deadline 10th Jun, 2019
Mag Out	15th July, 2019
Issue 97	Deadline 25th Aug, 2019
Mag Out	29th Sept, 2019
Issue 98	Deadline 5th Nov, 2017
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The information in this magazine was, to the best of our ability, correct at the time of going to press. Production and mailing takes a total of five weeks, so some information may be out of date or superseded.

Photos submitted will be returned if supplied with a self-addressed stamped envelope.

The parameters of the Australian Parachute Federation lie in sport parachuting operations from aircraft and while the APF is aware that parachuting descents are being made from other than aircraft, APF rules do not cover these descents and the APF are not in a position to control them. Note: The ASM may include BASE jumping, providing the APF does not appear to condone the activity.

Pursuant to my contract with the APF in relation to the publication of Australian Skydiver Magazine, I am required to make a general statement about the nature of any pecuniary interest that I have in a particular brand of parachuting equipment, service or event being promoted in ASM. I am a Director of Toogoolawah Drop Zone Pty Ltd and I am a part-time employee of Ramblers Parachute Centre which organises various events and is a dealer for various equipment, some of which companies advertise in the ASM from time to time.

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2019 APF TECHNICAL CONFERENCE



Where:
Novotel, St Kilda, Vic

When:
Tue 14 and Wed 15 May, 2019

APF members and guests are invited to join us at the annual APF conference. Join the workshops, listen to great presentations, catch up with old friends and make new ones.

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**Tuesday
APF AGM**

**Wednesday
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APF direction

FROM THE APF CEO

One of the unique aspects of overseeing the Australian Parachute Federation (APF) is balancing our not-for-profit status with the need to continue to grow our 'business'.

While the APF exists for its members, as opposed to making a profit, we cannot ignore the fact our industry needs to continually attract new students (AFF and SFF) and inspire them to become our future skydivers, sport jumpers, instructors and administrators.

The survival of the sport depends on it and that's why we are committed to raising the bar when it comes to professionalism and complying with community and statutory standards.

As part of the modern sport and tourism space, we are competing with countless other leisure activities for participants - including the tunnel - and we must give ourselves every chance of winning them over.

On that note, I am focused on achieving success in the following key areas:

- Safety & Training - continue to provide a safe environment and a high level of training;

- Sport Development - create a vibrant sport that promotes a positive image and retention;
- Member Services - provide regular communications, publications and a smooth web-based application system; and
- Sustainability - ensure ongoing access to airspace, as well as providing liability protection to members, instructors and clubs.

The APF has some brilliant people on our management team and I continue to meet highly motivated individuals at DZ level, both of which are factors that provide me with confidence that we can grow our great organisation into an even bigger and better one during the next decade.

By Richard McCooy
Australian Parachute Federation CEO



FROM THE APF CHAIRMAN

In the previous edition of ASM, I provided an overview of changes to the APF Constitution and Council Committee Charters that will be put before members at the May AGM at St Kilda.

For a change to be adopted, it will require at least 75 per cent of members to vote in favour of it. This majority support is crucial, as is the chance for as many members as possible to have their say.

For that reason, the decision has been made to host an online vote (most likely in August or September) to ensure the APF's 3,000+ members have the ability to have their say on the changes rather than just the 100 or so people who typically attend the AGM and Conference. This is democracy at work and should see the APF brought into line with best practice, member-owned, national not-for-profit organisations.

As our CEO Richard McCooy says in his accompanying column, we need to focus on several key areas to ensure the ongoing success of the APF - safety & training, sport development, sustainability and member services, which includes improving membership interaction with the APF office through a web-based application system.

These areas are our immediate focus but we also need longer-term goals and to identify the opportunities and threats we will face as an organisation.

How do we know where we are going?

Being a member-owned organisation, we need to respond to members' particular 'aspirations' by engaging with each special interest group. These range from large commercial and small club training operations, aircraft operators and pilots, to competitors and judges, parachute equipment packers and riggers, recreational and professional skydivers, and let's not forget those wanting to achieve new national and international records in each discipline.

There are many stakeholders to consider and how do we know what they want unless we ask?

A Strategic Direction document can be found on the APF website homepage that was created by the Board in 2015 to outline our goals through to 2020, including growth in membership, an increase in the number of licenced jumpers and instructors, our performance in international competition and protecting our access to airspace.

This document is due to be updated and on this occasion the plan is to involve a representative sample from each special interest group at a workshop later in the year to refresh and revitalise our Strategic Plan from 2020 to 2025.

Once we know what we want, we need to mobilise ourselves.

A recent invitation for members with a special interest to volunteer to sit on one or more Board and Operational Committees resulted in a number of members putting their hands up to serve and help drive the APF to bigger and better things.

These are the people who will now guide the direction and establish strategies for achieving the goals the APF sets itself in the Strategic Plan for 2020-2025. Their contact details are listed on the APF Homepage and I encourage members to talk with them.

As for where to next? Well, we cannot answer that question until we engage with our stakeholders and mobilise our special interest groups through the committees, but I can assure you there are exciting times ahead.

Dave Smith
Australian Parachute Federation Board Chairman





IPC DELEGATE

Annually, the International Parachuting Commission, (IPC), soon to be known as "World Skydiving", gathers somewhere in cold, and sometimes snowy, Europe (because it's most convenient for most people to attend) in late January, to review and re-make the rules governing competition skydiving.

With nine disciplines and 18 committees to meet, review and discuss, it is a busy time.

Your representatives are me as Delegate and Mark "Stretch" Szulmayer as Alternate Delegate. Over time, and it takes time to become known and accepted, Mark has worked his way up to be Chair of the Formation Skydiving Committee, one of nine Committees responsible for the future of their discipline, which in his case includes FS, VFS, Female, Junior and Indoor events.

I am one of the four-person Bureau because I hold the role of Finance Secretary, which means I manage the finances for the world of competition skydiving. All the Application Fees, Deposits, Sanction Fees, refunds, Jury payments, Judge Claims, IT, equipment, training and Media payments pass through my hands. Being a country Delegate, I also get to vote in this inner circle.

Two such high-placed officials gives Australia an influential voice in the future direction of our sport.

This year the meeting was held in Lille, in Northern France. I got there two days early as usual, to sleep off the jet-lag, and also to meet with the Bureau. The Extended Bureau also arrived early this year to attend a two-day Strategy Workshop, run by the Bureau, to focus on the next five years. There are many winds of change and we must be ready to meet them.

A positive vibe was generated in the Strategy Workshop with some excellent suggestions for change, some of which are already implemented. For example, check out the IPC's new (draft) website and results websites here.

<http://5c70252c086ff.yolasitebuilder.loopia.com/>
<http://results.worldskydiving.org/>

Others will permeate our sport in years to come. With most people having a negative propensity towards change unless real benefits can be proven, we have to move firmly but gently forward.

From Tuesday, many Delegates, Alternates and Official Observers began to gather for the usual two days of presentations, ideas and discussions that precede the formal Plenary on Saturday and Sunday. It is always a joyful time to see old friends again, and the time is also usefully spent lobbying for any proposals put up by the Delegates.

While the evenings are the time for fellowship for many attendees, for Mark and I the evenings are spent in meetings, attending committee discussions, reading proposals (113 of them!) or writing documents. We work 16 hour days getting to all the relevant groups and workshops. I personally attended or hosted 11 meetings in addition to the main days. There was no time for socialising except for the drinks hosted by the Weembi iFly Tunnel, which was next door, on Friday night – it was really pleasant to have this break - and a short Australia Day drinks party shared with Ray Williams and Keith Francis preceding the Banquet on the night of Saturday 26 January.

It was great to see that on the menu that same day for lunch, the chef had considerably chosen kangaroo and we drank Australian wines. A win in France!

Saturday and Sunday are the formal voting days. People dress in business attire and sit in their countries. Roll calls are taken and voting majorities are established. It's a little like the UN, except we are seeking the improvement of sport skydiving, and arguably get more done! This year, New Zealand had its own Delegate attend for the first time in many years, so I carried a proxy for Ireland instead.

We heard from the French Parachute Federation that their bid for involvement in the 2024 Paris Olympics, with wind tunnel proposed as a new sport, was unsuccessful. We heard from the Skydiving for the Disabled group, the Technical and Safety Committee (90% of 2017 deaths occurred under at least one perfectly good canopy), from ASIANIA, COLPAR and CISM. The FAI gave a presentation. We observed a minute's silence and jointly with CIVL proposed an FAI Gold Medal for Domina Jalbert who invented the ram-air canopy. Each Committee or Working Group presented its proposals, some of which were voted for and some were unsuccessful.

Australia had two proposals to put forward this year. One was to change the Speed rules to accommodate our competitors' wishes to use GPS-based devices not pressure-based devices. We were really successful on this front and many of our ideas were accepted, including adopting these devices, many of our proposed rules and including a special competition for Females to increase participation. I was proud to have achieved this and send my thanks to Ash Crick, Bella Smart, Shane Turner and Tim Kolln for their leadership.

Our other proposal was to increase the number of CP Judges required to run a WPC from six to eight. This was controversial and saw a behind-the-scenes battle emerge between competing forces. While we supported our Chief Judge's proposal vigorously, most senior CP Chief Judges felt the existing number of six was enough, so it did not succeed, at least for the 2019 World Cup in South Africa where it will be tested again.

When it was Finance's turn, I ran the IPC through its financial position which has shown substantial deterioration over the past five years. Expenses have gone up, largely Judge and Jury travel, plus more events and greater complexity in training, systems and IT, without a matching increase in income. Numbers of competitors are also decreasing in many events such that Sanction Fees no longer cover IPC costs by a large margin.

I proposed to wait one year so that all Committees could work on increasing participation to try and build our coffers; instead the Plenary moved to increase Sanction Fees this year to €110 instead of €90 which it has been for at least



Stretch & Gail

the past 15 years. I demonstrated that if they had increased the Sanction Fee by the CPI for the past 15 years, today it should be at least €145; the small increase to €110 therefore is more palatable for now but may have to increase again. In the meantime, everyone was requested to "go on a diet". Several high-cost proposals were subsequently voted against until we are more fiscally strong.

We are seeing declining numbers of competitors in some events the world over. For example, in 2019 at the Canopy Formation World Cup in Romania, only two teams have registered for 4-Way Rotation and 4-Way Sequential. These events have to be cancelled if they do not meet the minimum number of NACs (4) required. Only 2-Way Sequential is surviving. If an event is not held for two consecutive WPCs, it will vanish from the IPC Sporting Code. It is really important, therefore, that we field CF teams for the Russian Mondial in 2020, if we want to keep these events alive.

In Artistic Events, Freestyle seems to be more popular in a wind tunnel but suffers diminishing numbers of participants out of an aeroplane. Two-Way Dynamic in the tunnel seems to be supplanting Freeflying in popularity.

By contrast, FS and Accuracy seem to maintain constant numbers over time and remain profitable, while there is huge growth in Indoor Skydiving, which is one of the reasons to change our brand name to the more modern "World Skydiving", instead of "parachuting", to also match FAI's brand name of "World Air Sports".

Without wishing to be gloomy, we need to look at our disciplines and events to see what can be done to arrest their decline, if indeed we want that for all of them. Some events we may just want to let go, like we did for Style, 8-Way CF and 16-Way FS, for example. We also need to discover new formats and events which will excite competitors and get them involved. For me, an obvious choice is to increase Female participation, and also Inter and Juniors for growth. We may ask ourselves, "are we spreading the WPC competition dollars too thinly with the wide number of events we support"? I know at our successful Aussie Nationals at Moruya this year we offered a vast number of events, some for just one or two scratch competitors. Should we consolidate these? How? Or should we be broadening them or lowering the bar, like Blast! to get more skydivers enjoying competition early-on and growing into our future Australian Parachute Teams? It's food for thought and your ideas are always welcome to me at gail.bradley@apf.com.au, and to your State or National Coach of course.

After the melee of exits on Sunday as people dashed off to catch their flights or trains home, Stretch and I were finally able to sit and re-group. We were proud that Australia had once again kept its tradition of being seen as "neutral with integrity". Then I gave him a written examination in FS Judging so he could participate in the Nationals this year as a Judge, with his bunged shoulder preventing him from competing. As he's the IPC FS Chair, I knew he would pass with flying colours.

At this level, it's what the IPC is all about. You've got to be enchanted by competition rules.

Gail Bradley
APF National Judging Officer

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PIA SYMPOSIUM 2019

At PIA there is a whole lot of learning to be had.

PACKING DEMONSTRATIONS

Who doesn't love a good packing demo? Some pretty awesome people demonstrated packing techniques on Javelin, Vector, Racer, Infinity and the National 425. Although you might already be a hot shot packer there's a pretty good chance you'll walk away with something you can use to improve your packing.

ARRAY OF SEMINARS

There's a whole bunch of technical and rigging seminars as well seminars focused on drop zone management. Just a brief snippet of what is on offer; John LeBlanc (Performance Designs) discussed parachute design, Timothy McCord from Butler Parachute Systems demonstrated high altitude parachute system packing, Derek Thomas (CEO of Elite Rigging Academy & cofounder of Sun Path) presented the pros and cons of Rigging apprenticeships and Rigging courses (watch this space...).

EXHIBITION HALL

Included in your registration is entry in to the Exhibition Hall. Here you can talk to the manufacturers, ask really important questions like, "can I buy a container in rainbow tie dye?", check out all the new developments, get your hands on the latest kit and most importantly pick up lots of free stuff. Larsen and Brusgaard always have some kind of delicious chocolatey treat, shoe laces from Chuting Star, closing pins from Airtec and if you're really good you can easily walk away with several years' worth of pull ups.



Rigging Innovations displaying their MOJO

2018 USPA FATALITY REPORT

Navigating your way around American skydiver's lack of humour at the best of times can be tricky. Having to stymie jokes that would have been warmly welcomed at any APF conference are generally met with loud awkward silences at the PIA. The most memorable occurred in the 2018 Fatality Report seminar. The speaker, Ron Bell, spoke about how the USPA had been focusing on education and training around high performance landings, stating there was "No high-performance canopy landing deaths for 2018, but I have a feeling that rate will bounce back". My buffer failed to engage, and I piped up saying, "No pun intended (guffaw)". A loud uncomfortable pause ensued while the speaker looked at me with a somewhat confused expression across his face. So no, pun was not intended.

Interesting statistics. In 2018 USPA recorded 13 fatalities. The lowest number recorded since record keeping began

in the 1960s. Of these 13 deaths there was 1 x Student, 3 x 'A' Licence, 2 x 'B' Licence, 1 x 'C' Licence and 6 x 'D' Licence jumpers. (USPA Licence 'C' = 200 jumps, 'D' = 500 jumps.)

In the 1960s the fatality rate was 1 in 10,000 (an index of 5.98). In 2018 the fatality rate was 1 in 100,000 (an index 0.067).

0 fatal high-performance landings

0 fatal canopy collisions

In the past 10 years there have been 39 deaths contributed to medical issues, 27 physical and 12 mental health. In 2018 there were two fatalities attributed to physical medical issues, both were heart attacks. One was attributed to mental health (the Tandem Master that extracted himself from the harness under canopy).

Of note, one of the 'D' Licence deaths was 61 years old and had been a regular skydiver for 40 years. They deployed their canopy at 3,000 feet into line twists, fighting the line twists down to 1,000 feet. At 1,000 feet they cutaway, rolled on to their stomach and the reserve was deployed at 200 feet. The skydiver was known to always jump with the RSL connected. The investigation found the RSL was disconnected.

LARRY RICHARDSON PRESENTED HOW PARACHUTES HAVE A HISTORY IN SPACE AND LIFE SAVING.

Both the Main and Reserve were identical in the Mercury program. The Main parachute system never failed, and to state the obvious, the Reserve was never required.

There was very little oscillation in the 48-foot round parachute. It took three days and 60,000 pounds of pressure to pack the parachute.

The capsule Gus Grissom flew in sunk after the hatch blew after landing. Following this incident floatation was introduced.

If the astronaut encountered difficulties they could eject out of the rocket up to the height of 70,000 feet through the use of an 'egress kit', a mix of explosives and engineering! A 'ballute' kept the pilot upright until a safe altitude was reached to deploy a main parachute.

An option to return the Gemini capsule on land was developed. It was scrapped as it was considered unreliable. The lack of reliability was evidenced during a test flight where the pilot ejected at 5,000 feet stating the aircraft was out of control. As soon as pilot egressed the craft the control stick returned to neutral. The capsule flew straight and level for several hundred miles, landing itself without a scratch.

Trish Vogels
APF National Rigging Officer



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2019 AUSTRALIAN NATIONAL SKYDIVING CHAMPIONSHIPS



PHOTOS BY STEVE FITCHETT



PERSPECTIVE OF MEET DIRECTOR: JULES MCCONNEL

I thought taking on the role of Meet Director after running the last six State Meets was gonna be a breeze... but I was somewhat mistaken! The Nationals is a lot more serious, and with the help of the amazing Moo Crew team we managed to pull it off. The open schedule would have worked well with perfect weather, with the idea of running different events on different days so that all the events would finish roughly at the same time for the inclusive medal presentation. Unfortunately the weather wasn't kind, but we still managed to complete most rounds in all the events.

It was great to see VFS 2-Way taking off, and competitors keen to try Artistic after finishing their main event, and some 4-Way teams scratching together to make 8-Way too.

The inclusive medal presentation at the end of all events was a huge success. It was great to see everyone cheering each other on over all the disciplines and the majority of feedback is that is what competitors prefer.

It was an awesome experience, we can now say we've ticked that off the list!



PERSPECTIVE OF NATIONAL COACH: RONNIE PERRY

It was great to look around Moruya at the 2019 National Championships and see all the home-grown coaches being utilised. Big credit to the APF and APF office staff, and the way they support their athletes and coaches. Many up-and-coming competitors were excited to be getting coaching from home-grown champions and appreciated them being available at the Nationals to all competitors, to share there.

The biggest value for the most part was the camera coaching - what a difference it made to the overall quality and awareness of flying camera, and the responsibilities of that task. Many Judges made positive comment as to the improvement during the competition and to the rising standard of the footage supplied for judging.

The NZPF athletes made use of the facilities and it was great to see them competing at the first combined Nationals.

Next year is the year of the Mondial starting at York and then the lucky Australia Parachute Team members will be off to Tanay, Russia.

Well done by all the crew at Moruya for their awesome efforts in putting on a super smooth Nationals. The only complaint was that there was nothing to complain about!





PERSPECTIVE OF 4-WAY BLAST MEDALLIST:
OLIVIA SCHOLTEN

This was my first experience of Nationals and competing, and it was incredible. The skill, talent and training that was there was mind blowing. Everybody was so encouraging of one another, building each other up and just mucking around together. It didn't feel like a regular competition were people are closed off and kind of just training with their team. Even during training you could see everyone being so playful with each other. My expectations for Nationals was blown out of the water! Even the support from everyone when each person got up on the podium, the whole group was so, so supportive of everyone in every single discipline. This sport continues to amaze me with every single person involved.



PERSPECTIVE OF WINGSUIT PERFORMANCE OPEN GOLD MEDALLIST:
CHRIS BYRNES

Wingsuit Performance was a success with ten competitors getting all nine jumps done, with no off drop zone landings.

In the Intermediate category John McKay got the Gold and a national Inter Distance record of 2.809km. Sudhir Rao was close behind with Silver and a national Inter Time record of 55.1 seconds. Paul Barker juggled camera flying duties along with Wingsuit and took the Bronze.

In the Open category I took the Gold and set three new national records - 4.977km in Distance, 96.3 seconds in Time and 324.7 km/h in Speed, which was just 0.7 km/h off the FAI World Record. Luke Rogers took Silver and Jason Dodunski took Bronze. Jeff Weatherall did very well in his first Wingsuit comp and finished 4th.

Myself, Luke and Jason will be representing Australia at the Wingsuit World Cup in Italy at the end of August.

Massive thanks to Skydive Oz and all the Moo crew for all their efforts in making the 2019 Nationals unforgettable.



PERSPECTIVE OF CLASSIC ACCURACY MEDALLIST:
GRAEME WINDSOR

Skydive Oz at Moruya is a wonderful scenic place to jump, and entering the National Classic Accuracy championships is a great way to take in the views along the coast line. Eight keen skydivers equipped with specialist precision accuracy canopies (mostly NAA Parafoil or PD Zero) entered the inaugural Skydive Oz Nationals at Moruya.

The Phil Hindley Memorial Accuracy equipment, comprising an inflatable landing "tuffet" (5m x 5m square) together with a Tex Air UK electronic scoring system, was on hand and worked perfectly during the event.

Apart from one round, when jumps were made in very "lumpy" gusty and turbulent conditions, scores were quite impressive, and the competition was finished early, courtesy of the mostly excellent Moruya morning weather.

The judging team, headed by event judge Dean Brooke-Rerecich worked tirelessly and flawlessly through the event. Skydive Oz was a fantastic host, and competitors were all very happy with the wonderful facilities and staff provided.



PERSPECTIVE OF VFS ADVANCED GOLD MEDALLIST:
JAMES GARNER

Vertical Formation Skydiving or VFS as its often referred to, is arguably the hardest of all the disciplines within skydiving. Vertical flyers are too often seen as the renegades, lawless or anarchy. Out of the 200 competitors who entered the 2019 Australian Nationals this year sadly only three teams totaling fifteen people registered to compete in VFS. While

the group was small the bond between all of us was strong, all the teams helped each other with dirty diving, expressing different exits or showing one and other short cuts to the next point.

The VFS community being represented at this year's nationals held a wide range of talents and experience - Team Focus coming hot off the back of placing third at the World Meet in October only just managed to scrape in first place in the Open division. The Block Party boys showed they are a force not to be messed with and their training was paying dividends. Block Party, who took out first in the Advanced Division, not only set a new Personal Best for a round with 13 points but over-achieved their goal for the competition and walked away with an average of eight points. The lads in the Defence team were the unsung heroes of the division however - the team achieved a silver medal, which is a huge achievement considering the experience within the team, as a couple of members had only just received their Head Down rating.

Hopefully the 'bad boys' of skydiving are able to pull in a bit more funding from the APF to help grow the discipline and attract a few more to the dark side for next year's Nationals.





**PERSPECTIVE OF VFS INTER GOLD MEDALLIST:
*BEN SKUCE***

The VFS Inter competition was a lot of fun. While our skill level wasn't particularly high, the opportunity to focus our flying by attempting the VFS Inter Dive Pool was really beneficial. Also we are stoked with winning Talon FS container vouchers along with the Gold.



**PERSPECTIVE OF SPEED SKYDIVING GOLD MEDALLIST:
*SHANE TURNER***

Epicness all round for the first Speed Event in the World to adapt the new rules at the sensational Moruya! World and Australian Records were set and those records broken, but the biggest win was the excitement and extreme levels of froth from all the new competitors! A new era of Speed has begun and these competitors aren't stopping here with many others searching for answers on how to get involved. Next year's Nationals will be game on for young and old, male and females, for the fastest person on earth!

New rules and new categories of Open, Junior, Male and Female as well as a Team event (three competitors) will now be included in competitions here on in. So get knowledgeable in the art of Speed, get training, go fast and we'll see you at the next Aussies in York, 2020!



**PERSPECTIVE OF 4-WAY A GOLD MEDALLIST:
*KRISTINA HICKS***

Moruya saw 19 teams of ranging experience take to the skies in some tight and not-so-tight competition. The weather did not take away the comradery, smiles and good spirited attitudes of the competitors. The Rookie Blast category saw eight rounds of every competitor aiming to improve their performance, with winning team *Trash Pack Bandicoots* scoring a 14 in Round 6. Silver and bronze went to *TunneltoSky* and *Defence@Squad* respectively.

The A competition was a tight one that had many eyes watching every round with many teams showing their skills. *Halcyon* and *Bin Chickens* had a friendly rivalry going with no more than two points between them vying for that top spot for the first five rounds. Rounds 6 to 8 saw both teams at even scores, nerves and excitement were high for the money Round 9 of Random jump P-H-M, which saw *Bin Chickens* take a four-point lead with a score of 21! This secured gold for the them, followed by *Halcyon* and *Bruise Brothers* in third.

AA also saw tight competition between all three teams, with only three points separating the teams through many rounds. It was *Wild Cards* (who literally were the wild card team having not flown together) winning gold by two points with *Red Belly Defence* and *VAWNT* close behind.

A very physical and block filled draw for AAA saw *Kinetix*, *Caliente* and *WhiteFish* display excellent flying skills and showed all competitors why these teams are worthy of competing at the top level. After many interruptions to the draw from weather, the final results saw *Kinetix* with Gold, and *Caliente* with silver and all Queensland team *WhiteFish* with bronze.

The outside coaching from Mossy and Craig Vaughan was invaluable and thank you from all teams for your hawk eyes for detail and guidance in the finesse of skills for every jump.



TEAM PICSTEAM PIGS TEAM PIGS TEAM PIGS TEAM PIGS





**PERSPECTIVE OF 4-WAY BLAST GOLD MEDALLIST:
OWEN WELSH**

When we received the draw the nerves started to kick in, but when we exited the plane on the first jump they all disappeared. This was when I really started to enjoy the competition. I learnt an incredible amount about 4-Way FS, in the lead up to and during the comp. The skydiving community is very supportive, everyone there was more than willing to teach and help me and my team out.

Once the comp was over, all the excitement turned to the medal ceremony, especially winning gold at my first comp. It was very satisfying that all our training paid off and now that I have had a taste for competitive skydiving I'm hooked!



**PERSPECTIVE OF SPEED SKYDIVING FEMALE GOLD MEDALIST:
JESSICA JOHNSTON**

Thank you everyone for the amazing support in 2019 so far, it has blown me away so far with the growth I have had. I am so excited and extra stoked to know that I have inspired others to give Speed Skydiving a go! I was lucky enough to be competing with some of the most amazing people I have ever met! We had such an amazing team considering it was an individual event! It is just a small part of this epic journey

I have started.

I am so grateful for the realisation that I have had, and the control I have over my mindset and reactions now, being accountable. Knowing I can do anything I set my mind to is so empowering! I want anyone who is reading this right now to know that YOU CAN DO ANYTHING YOU SET YOUR MIND TO. Most people have about five seconds to take action before the negative parts of their head starts talking, for me it's only two seconds. Don't listen to the negativity! So, if you have been thinking about doing something that would make you happy, take Massive and Immediate action now! You can live your life the way you want, you just need to act, write your goals down and make it happen!

Now for my next goal: to get a Speed of over 400km per hour.

A massive thank you to Ronnie Perry, the amazing crew at Skydive Oz, Judges, Icarus Canopies by NZ Aerosports for the use of the amazing Crossfire 3 109, Journey Unknown and Juice PLUS+ for all your amazing support.



PERSPECTIVE OF 8-WAY OPEN FS GOLD MEDALLIST: **RUSS BLACKMAN**

It started with an email outlining expectations...

“Successful 8-Way relies on consistency of members. Getting eight people together is difficult. There will be an expectation that you sacrifice events that aren’t immediate family weddings. We’re coordinating the lives of nine people – you are 1/9th of the group... We all know that guy. That guy that doesn’t play well with others. That guy we’re always waiting on. That guy who is never at fault. Don’t be that guy.”

Surprisingly, I found eight people who couldn’t read to come on the journey.

57 training jumps, eight hours tunnel training, and a bunch of ‘prep’ nights all lead to this... the 2019 National Skydiving Championships!

Monday – 4-Way took priority, teammates pitted against each other. No 8-Way love, only competition-inspired hatred.

Tuesday - “Today’s the daaaaaayyyyy!” – 4-Way forgotten, and we launched into Round 1 with a sensational exit, so good Kestrel felt it required an Artistic ‘underside’ shot. After a patient wait for his return (which probably helped us to calm down), we busted out a solid jump. Round 2 presented us with a slot-switcher timed perfectly for our entry into a cloud – we all promptly forget what day it was, and Dan Danned it and keyed an incomplete block. Round 3 and we were back to the familiar exit we all know and love (Andrea’s back flying has really improved). Still managed a decent score for a triple blocker. Dan’s line twists were fun to watch.

Wednesday – Clouds suck. Particularly when you’ve got eight people to collide with. We wasted no time getting bored and doing bored things.

Thursday – Clouds suck more two days in a row. Bored things escalated. Apologies if you were affected.

Friday – Finally a chance to get back up! We got one in early before 4-Way took priority again, and it was killer! A solid 10-point jump, with an 11th soooo close (it’s Simple Jack, just take the grip!). After spending the rest of the day trying to get another 8-Way up, we finally got a sunset load in, and we SENT IT! Twelve points in time (our PB), fist pumps on track off, watching Dan’s silhouette kicking twists out against a golden sunset. Nothing can beat that.

Saturday – Five rounds to go, the Weather Gods were playing nice, and no more 4-Way to contend with. We punched out four decent rounds, with a few hiccups along the way. Kris broke team rules and mounted Dan on the hill on Round 6, Josh tried to make the aircraft door bigger on Round 7, and Dan’s openings became more concerning with each successive round.

On the way to height on Round 9, weather closing in, the sun was getting lower. Round 10 looked unlikely. But after a stellar Round 9, we were met on the ground by an army of volunteer packers offering to help so we could prep the last round and get in the air. And how thankful we were - What a sick jump! It was a technical slot-switcher with a long block, we used every minute of prep time, and we cracked out a ten with the eleventh only ¼ second away. Round 10, along with the image of Dan taking off his booties for better line twist kicking range, are my clear highlights.

The Wash Up

As my head cleared on Monday, I reflected on what these guys had achieved. A 9.4 average on 50 jumps and tunnel training, nine out of ten complete exits in comp, and we finished on talking terms, wanting to party together and hoping there was more to come. All up, we had an awesome competition. Highlighting errors reminds us of the room we have to improve, and laughing at mistakes makes us stronger. But as I remind everyone I coach, between all the mistakes I can point out, there’s a whole bunch of brilliance in between. The performance these guys put on was top notch and exceeded expectations. I wouldn’t cut a single one of them.

Thank You’s. Troy gave so much to this team (thanks buddy!), but he put his foot down and refused to come to the comp (nah really, he couldn’t make it). Shout out to Sas, Stricko and AB for helping fill slots. The primary funding support came from the NSWPC and APF Fi Fund. Sydney Skydivers and Skydive OZ supported our training, and iFly, Cookie and NZ Aerosports helped out with some sponsored raffle prizes. Cheers everyone, your support made all the difference!

Thanks to the event sponsors:

APF, NZPF, NSW Parachute Council, Eurobodalla Shire Council, Parachutes Australia, Cookie and NZ Aerosports.



Photo by Kestrel Wolf



8-WAY PROJECT

By Russ Blackman

OPENING THE DOOR

Whilst FS remains the most populous competitive discipline, there are few players at the experienced end ready to commit to teams. Recent Open FS teams, both 4- and 8-Way, have found fewer options available for their line-ups, and I’ve heard several teams lamenting the shrinking pool of available, suitably experienced and financially viable players. There’s many reasons for this, but I reckon one of them is a lack of opportunity for Intermediate players to develop their potential, to experience the thrill of competition, to let the competitive hooks sink into their skins, and to step up to Open.

I came back from the 2016 World Meet in Chicago with a plan to address this, a desire to encourage a new wave of competitors to join the Open FS ranks, and I knew I could leverage 8-Way to do it.

THE 8’S PROJECT

More precision and patience than 4-Way, more cognitive load and piecework than Bigways, 8-Way teaches skills that can be applied to all of FS. It is technically challenging, a scheduling nightmare, preparation heavy. But when the work pays off, when that big chunk sails off the door, when eight people groove in unison... damn it’s good.

With an ambitious and somewhat ambiguous objective of ‘bringing more FS players to Open’, it was important to generate concrete goals and map out events to achieve them:

- Introduce Intermediate 8-Way to a wider audience
- Identify and develop promising FS players towards Open level competition
- Deliver two Open 8-Way teams to the 2019 Nationals

The project spanned over two years, totalling 132 coached 8-Way jumps, 14 hours tunnel of coached 8-Way, and delivered an Open 8-Way team to the 2019 Nationals. It wasn’t without failures. Initially I was too inclusive, and found it difficult to implement a minimum experience level. I burned a few people along the way to developing an Open team. I was over ambitious in thinking I could organise and coach two teams to Nationals. But if I had the two years again, I’d do it the same.

Massive thanks to Troy Crotty for helping the project from Day 1, and all the experienced players who jumped with the Intermediate level events. The primary funding support came from the NSWPC and APF Fi Fund, Sydney Skydivers, Skydive OZ and iFly, who each supported the projects.

The ultimate outcome from this project was the Nationals team EVACU8!, with six new Open level players stepping up to the Open scene. I do hope that everyone who participated along the way gained something from the 8-Way experience, and may be enticed back when if the cycle starts again... 🙌

Anyone with a ‘B’ Licence and some friends can do a Star Crest. But to achieve good basic 8-Ways with a potential for progression, with a hook that keeps everyone coming back requires a minimum skill set.

- General awareness – consistently look through formation, knowing when to (not to) dock
- Levels and proximity – Constantly match fall rate, stay close
- Patience – Able to stay OFF grips until its ready
- No momentum docks – Taking docks without passing any energy on

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2019

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 (7th Oct - Queens Birthday)
- 9th to 13th Dec, 2019 (Full Moon 12th)

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Fred Rae Photo by Karen McEvoy



DOWNUNDER DYNAMICS 6

Photos by Kian Bullock & Tommy Siera

Another Downunder Dynamics is done and dusted. DD6 was held at Skydive Nagambie. To start off I want to send a big thank you to Don and Lou Cross for supporting us so much and helping make this event the smoothest so far. At this event we saw a couple of upgrades - an additional coach, as well as a dedicated stills camera man, Kian Bullock, and Irish the MC to kick off the night organising, making the night time festivities a little more lively rather than just seminars and workshops.

I also want to thank all the sponsors for their help, APF Fi Fund, Job Connect, iFly Downunder, VTPC, Deem Flywear, NZ Aerosports, Aerodyne, Dekunu, LVN, Cookie helmets and Mee Loft. Without you the event wouldn't be able to happen. Last of all, the participants - a big thank you to you all for showing interest and making the time to attend. This year we had a great turn out with so many people returning for their second, third or even fourth round of DD. This was great as we saw the best progression of all the camps so far and got a real feeling that all the previous effort is really starting to pay off.

A couple of seminars were held with some slight twists, as well as a great workshop on the day off that included everybody, allowing the coaches as well to touch up on some safety knowledge we weren't 100% on.

With the fast plane it was a heavenly ride of only eight minutes to height and regularly we were treated to 15,000ft. Great weather all week, with most people averaging a total of seven jumps a day with only one day that we called early due to high winds. Plenty of beer was had at night with Don keeping a close eye on beer fines and the beer line. No incidences or injuries again this camp except for the failed attempt at a backflip late one night, thankfully we saw him back jumping. Only one chop which was myself after spinning on my back from trying to kick out of five line twists on the good old Leia. All in all, it was a great event and I can't thank everyone who helped and attended enough. Looking forward to the next already.

Mason Corby, Event Organiser



- COACHES**
 MASON CORBY
 KEITH GREALY
 KYLE CHICK
 JIMMY COOPER
 TAYNE FARRANT
 REED RAMAGE
 SCOTT HISCOE
 ADAM LONG
 OLIVER FONG
 SHANNON SEYB
 ANDREW KEIR
- CAMERA**
 TOMMY SIERA
 KIAN BULLOCK
- MC**
 PETE 'IRISH' SUTTON



Ten years in skydiving, 460 jumps. The thing that has kept me in the sport, despite the challenge of living outside Oz limiting regular (weekend) access to DZ, has been the sport's innate nature that offers various paths towards constant steady progression. With that thus the satisfaction one can get from walking it. And a large contributor to that sense of progression is with the availability of communal support and accessible coaching from within the general Aussie skydiving community. DD camps, with what I had perceived to be its spirit & aim to elevate the overall Australian SD skill level, is exactly the platform that offers that learning opportunity. The camp organisers' intent has been pure and non-transactional; also with efforts that can be seen amongst the coaches, such as constantly adjusting the jumps and groups so every participant's learning curve and objective can be best maximised. All of this is really what I sincerely feel sets these camps apart from what there is out there. No doubt it is the best. Of course there's the very strong lead throughout towards open conversation and knowledge transfer of dangers/safety culture, which is in my opinion what is required to let skydiving be continually supported and accepted as a sport. The collective improvements amongst the lot who had actively participated over the few short years has been massive, from baby Freeflyers to ninjas; and as our competency level increases, so has been the fun factor! More technical, smoother, tighter, larger, dynamic, safer. These I reckon can only get better. Keep it running boys! -

Kokhon Wong, Participant



The feedback from coaches and participants alike this year was unanimous - this was by far the best camp yet! I've attended the last five Downunder Dynamics events. All have been absolutely first class, but something about this one really stands out. We had near perfect weather all week, an all-time crew of flyers from around the country who were hungry to go deep into flying for a full week, a coach roster of Australia's very best, stoked to share their knowledge and passion for flying, two of the best camera flyers to capture it all, the master MC to take care of the night time LO'ing, and a drop zone with the very best facilities excited to support the development of Aussie flyers. I can't overstate the impact that Mason has had on the development of both coaches and participants alike, and on the sport in Australia. Despite the consistent positive feedback after an event, he continues to work hard to improve these events, and again proves why these are the best skills camps around. One thing worth highlighting that was mentioned to me by Helena, a newer flyer (<200 Jumps), was that she didn't think these events were for her. She thought that you had to be some super ninja shredder to attend. Perhaps among some less experienced people this perception exists? So let's dissolve that now. If you want to improve your flying and have never flown an Angle, or can't fly Head-Up yet - these events ARE for you, and you'll be so stoked you came! -

Andrew Keir, Coach



Having been to three out of four of the last DDs I can honestly say they just keep getting better! I don't think I'm ever going to get out of the beginner group because every camp the standard is just stepping up, again and again. From my first camp, where a huge majority were working towards HU Crests and spending time on their bellies, to the last watching dynamic multi group Vertical and Angles is a testament that Mason and Keith's vision to close the gap and up the skill level in Australia is truly working. DD6 was every bit the skills camp we know and love but with the inclusion of Irish adding a boogie feel, the fun and laughs turned up another notch. The vibe was awesome with lots of us now considering it a reunion between friends from across the country. It was cool to see people frothing, not just on epic jumps, but being stoked for each other as we unlocked new skills for the first time or finally made our slot! Big shout out to all the epic coaches, the videographer geniuses, to Don and Lou for facilitating us at Nagambie with their amazing plane and DZ, all the sponsors who made it happen and all the crew, I can't wait to see again! If you're not at DD7 you will be missing out. -

Bria Smith, Participant



Hands down the best event I've attended - super safe, all the coaches were super accommodating, the progression I had, and seen, was incredible! We are so lucky to have this in Australia!

Matty Bice, Participant





What a week! This has definitely been the best one I have been a part of. Coach selection was spot on, Don and the crew at Naggas were super accommodating, Tommy and Ki were getting beautiful footage and stills every other load, Irish was killer on the mic/general banter duties, the caterers were five star and that weapon of a plane was turning loads like clockwork. Once Mase and Keith know where your strengths and weaknesses lie they structure your week, pairing you with most appropriate groups and coaches, and maximising your progression. This amplifies each camp meaning increased return on investment, of both time and money, on every subsequent DD. The best part is that all these elements add up attract the best crew to jump and chill with all week. Sign me up for DD7, churrrr brah!

Matt Smith, Participant



I didn't know what I was getting myself into by signing up for DD6, and as first camps go I think the bar has been set too high! From the quality and number of coaches to the organisation of the groups, and even the excellent catering, I was blown away by the whole experience. The level of skill on show was astonishing and an exciting example of what I can aspire to. The awesome group of jumpers made me feel part of the crew, with plenty of beers to be had. Massive shout out to Irish for creating the fun atmosphere and adding the big laughs to the day tapes. The format of the event meant I got to jump with six awesome coaches, big thanks to AK, Reed, Tayne, Fongo, Mason and Keith for all of your time and input! After injuring my foot on the first jump I couldn't stand to miss out on this opportunity, so getting back in action the next day was a massive win. I was shocked to be winning again with an epic prize of 30 minutes tunnel so thanks so much Mason and all for picking me! Just what I need to prepare for DD7, now where's the rego form?

Darren Mason, Participant



It was a fun filled week of learning, and living and breathing skydiving. If you ask anyone who attended the event, they will tell you the same thing (most likely with a huge smile on their face) that the event was amazing, one of the best in Australia and to take me back! Why? Because they create a safe and fun environment where you can learn or improve your chosen discipline from some of the best coaches in Australia. So thank you Mason, Keith, Skydiving Nagambie and APF for making this event happen. If you haven't been to one of Downunder Dynamics events or camps, do, you won't regret it! I'll certainly be back!

Sarah Hogan, Participant



2019

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SHAKE
DON'T
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Free Fly Fridays

By Tara Bradley & Jacob Logan
Photos by Coaches & Participants

FREELY FRIDAYS AT SYDNEY SKYDIVERS STARTED IN JUNE 2018. AFTER NOTICING A DECLINE IN THE SPORTS JUMPING SCENE AT THE DZ, A GROUP OF INSTRUCTORS FORMED THE GROUP "SHAKE DON'T FLAKE" AND STARTED RUNNING A SINGLE DAY BOOGIE STYLE EVENT ON THE FIRST FRIDAY OF EVERY MONTH. THUS, FREEFLY FRIDAY BEGAN. YEAH, WE KNOW IT'S CALLED "FREEFLY" FRIDAY, BUT THE EVENT CATERS FOR ALL DISCIPLINES AND SKILL LEVELS. WE DON'T CARE WHO YOU ARE OR WHAT LEVEL YOU'RE AT, WE JUST WANT TO GET IN THE SKY AND FROTH. WE HAVE SOME AMAZING COACHES ON BOARD WHO ARE DEDICATED TO HELPING "FROTHERS" OF ALL LEVELS PROGRESS THEIR SKILLS AND HAVE AN AWESOME TIME DOING IT.

The event has grown and evolved so much, we're now 10 events in and the response we have had from participants, coaches and sponsors has been incredible. In the beginning, we had coaches volunteer their own time and skills to the event, shout out to Ware Wano, Shane Onis, Ale Ohno, Sam Broad, Tom Mitchell and Scott Hiscoe. More recently the NSWPC and APF have come on board to help us out with coaching fees so we can continue running these events with such a low rego fee. We mostly want to give a shout out to everyone who has come out and frothed at our events, these events are for you guys so thank you for making them so epic. If you haven't been to a Freefly Friday at Sydney Skydivers yet, get on it!

We've got some big things planned, if you want to stay updated about what's coming up follow the 'Shake Don't Flake' Facebook and Instagram pages.



Here's what some of our participants have been saying about Freefly Friday:

“Freefly Friday is an exciting skydiving event to be involved in. In fact, with the possible exception of losing my virginity it might be the most exciting event I've been involved in. But unlike the aforementioned first, Freefly Friday doesn't end three minutes later with a solemn apology. Just quickly on a serious note, watching this event grow, watching the progression from the participants, and watching the froth levels from the coaches and punters alike makes me feel like a proud father. I guess... well, my father raised a skydiver so I've never seen the whole 'proud dad' thing in action. If you live in Australia and you can afford a Friday off, make it the first Friday of the month and come do a couple of jumps with us at Picton, it would be our pleasure to jump with you, and your pleasure to get involved! ”

Sam Broad (Freefly Coach)

“As a new member of the skydiving world, Freefly Friday has been instrumental in both developing my flying skills and connecting me with the awesome skydiving community. With limited experience in the discipline of Freeflying, this event has given me the opportunity to pair up with some of Australia's best coaches to help me significantly improve on my skills and safety. The people are a bunch of fun, so even if the jump is an absolute flop, we can always have a laugh. Each event builds up and grows the skydiving community. Get a babysitter, quit your job, pull a sickie, do whatever it takes - just don't miss out! ”

Sam Buckley (Participant)



SHAKE DON'T FLAKE
Free Fly Fridays



“ Big shout out to the crew at Sydney Skydivers who organised an epic event, Free Fly Friday was the bomb. This event has grown so much over the past year and is so exciting for what’s to come. We’d love to be a part of it again. Big thanks to Ware Wano, Jacob, Jason, Shane Onis, Cam, Tara, Ohno and Marlise for all their work. And to all the other staff and crew out there who helped get Free Fly Fridays to where it is today. To all the sponsors out there, get behind these guys they’re doing great things for our sport and giving back to the Skydiving community. Peace out, See you at the next one. ”

Focus (Freefly Coaches)



“ Freefly Friday works harder than any other event to bring the jumps, the education and the fun back to the fun jumpers. Getting Freefly coaching in the sky can be very difficult. The coaches can only take small groups compared to other disciplines and the freefall time on each jump is often very short. Freefly Friday is a whole day of coached jumps that are tailored to your skill level. It is the best way to improve your sky skills safely. There is a tireless crew behind the scenes making every load possible, and there are always plenty of loads. Freefly Friday is about continuing to learn, sharing what the coaches’ “froth” and having a blast with everyone who can chuck a sickie once a month. ”

Brow Knee (Freefly Coach)



“ I was blind, but after one Freefly Friday my sight was restored. ”

Paddy Wyllie (Instructor)

Shout Outs

Coaches: Ware Wano, Shane Onis, Ale Ohno, Sam Broad, Tom Mitchell, Scott Hiscoe, Kyle Chick, Josh Leussink, Ben Cuttler, Nathan Brown and Kim Hopwood.



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Glen Farrell



Beau Gora



AUSTRALIAN & NEW ZEALAND CANOPY PILOTING NATIONALS 2019

SKYDIVE AUSTRALIA, YORK, WA

By Jules McConnel Photos by Steve Fitchett



MORE THAN 60 SWOOPERS TOOK TO THE POND AT YORK DURING THE TWO WEEKS OF TRAINING, WA STATE CHAMPS AND THEN THE MAIN EVENT – NATIONALS!

Conditions were challenging throughout - during downtime on most days there were plenty of canopies hung out to dry, juggling and ping pong skills developed and brains filled with CP knowledge from legendary coaches Patrick Kaye, Gabriel "Bubba" Phillips and Ronnie Perry.

Some came for fun, some to compete only in the State Meet, but most came for the lot. It was the biggest turnout ever for a CP Nationals in Australia with 30 Open and 25 Intermediate competitors. International competitors came from New Zealand, USA, Poland and Korea. Also to be noted, the most female representation with seven in Inter and one in Open!

A massive thank you to APF, NZPF, Skydive Australia, WAPC, judges, volunteers, manifest, pilots and all the competitors who made this event possible. Here's what the competitors have to say:

"The CP Nationals for me was a real positive learning experience, I came away from the event feeling inspired and driven to better myself for next year's competition. Getting to watch first hand Australia and the world's best Canopy Pilots swoop the pond was pretty epic! Sitting pondside with everyone to watch the action was a real highlight in itself. I was lucky enough to be a part of an awesome group of individuals coached and mentored by Ronnie Perry, it was a very comfortable and fun environment. Lots of learning was had in the sky and on the ground, a big thank you Ronnie for the awesome energy and valuable competition insight throughout the two weeks. It was really great to have that extra guidance for what was for most of us, our first time competing. Thanks to Jules, Bubba and Pat for the coaching and support during this time also. There is a really nice culture surrounding CP and I'm super stoked I get to be a part of it. I'm really excited to keep learning and progressing throughout the year for 2020 Nationals. Big thanks to everyone involved that made the event what it was!"

LAURA SCOTT



“ I am so grateful to have been a part of such an amazing two weeks. To see the progression made by every single competitor was inspiring! This year I had the absolute pleasure of jumping with six amazing ladies. To see these women in action, learning, growing, dragging water and the full commitment under the amazing guidance of the best Coach and Mentor, Ronnie Perry, was phenomenal. I'm super excited to help inspire more females to get involved in the amazing community. The support and encouragement you get at the Canopy Piloting events make you feel so comfortable. Even the big dogs had to start somewhere. If you are thinking about competing, do it. It's totally worth it!

I would like to give a massive thank you to the Australian Parachute Federation, Skydive York, all the judges and staff, the epic coaches, all the other competitors, Ronnie Perry for putting together the Ladies Canopy Development Program, it's just the beginning. Put your own mask on first... Also thank you to Elle and Tiki from Journey Unknown Caravan & Camper Hire and Camplify for sponsoring the beast Dommy the Dominator. I also had the privilege of flying the amazing Crossfire 3 from Icarus Canopies by NZ Aerosports. This Canopy was a pleasure to pilot, I highly recommend try one if you haven't yet. Also massive love and thank you to my Mum Leacette, and Dave, for being on this journey with me, love you more! Also my newest sponsors Juice Plus+ driven by one of the same goals as me: to inspire healthy living around the world. Mindset is everything. Bring on 2020 Canopy Piloting. ”

JESS JOHNSTON



Leigh McCormack



Rhys Kempen

“ The coaches, competitors and the whole community at the 2019 Australia and New Zealand Canopy Piloting Championships have been one of the most inviting groups of people I have ever met. It particularly feels amazing to have been a part of a record number of badass ladies! We are all pretty new to Canopy Piloting so getting coaching from the amazing Ronnie Perry over the two weeks, and being surrounded by a group of other girls all hungry to grow and learn, has been pretty special. I'm so excited to watch all the Intermediates grow together in the coming years and hope more people continue to come and give it a go! I will 100% be back next year. Thanks so much to everyone who worked hard to organise the event and keep it running smoothly, we really appreciate everything you do. ”

AMY JAMIESON



Miles Cottman



Jesse Lister

“ This April marked my second Aussie Nationals. As an Expat living in the States, the fairly brutal flights are well worth the opportunity to fly with a world class batch of legends, and with York's winds being notoriously challenging, doing well at York is intensely rewarding. The Meet itself went off smoothly, with no major injuries and while we only managed a few jumps on the first two days, we grounded out the rest of the meet for Open on Saturday. Inter finished their Meet missing two rounds of Speed and one round of Accuracy. Huge shoutouts to the APF and everyone at York, as well as the amazing judges, volunteers and pond scum for making it happen, I'm already excited to do it all again next year. ”

RICH HEALEY

“ Had such a fun time at CP Nationals this year. Being around so many experienced canopy pilots gives you the opportunity to learn from everyone. Can't wait for next year. I would highly encourage anyone who is starting to gain interest in high performance landings to come out and get on the training course as well as the competition. Even if you feel you are not ready I would still say come down and give it a go - think of it as just another Canopy Course. ”

SHANE ONIS



Glen Farrell



Marley Nolan-Duncan



Darren Griggs



Brody Johnson

“ Swooping is another part of the skydiving experience, it's not just the freefall! ”

MARLEY NOLAN-DUNCAN

“ I signed up for Nationals originally just for the coaching the APF provided (Bubba Phillips) who has mentored my canopy journey since early AFF. Well it certainly paid off, managing to place my 90s for a score in all but the Speed course. Super stoked and grateful for the whole experience and to come out with three medals was totally unexpected! I will certainly be back next year and hopefully so will the massive turnout of competitors from all over the globe. #howgoodisit ”

DAVID COLLINS

“ Another Nationals have finished for a year and it's a good feeling to become the Aussie Champ once again! It was very difficult due to the conditions with York being consistently inconsistent as ever. We had everything from strong winds the whole training camp to plane troubles to add to the mix. We all managed the conditions well, with everyone learning lots!

This year was the biggest year for Australian CP ever! With over 50 competitors, having the WA State Meet a week before the Nationals, sharing the Nationals with the Kiwi's and having a few Americans coming over (hey Jeannie...) made this Nationals one to remember. The most impressive as ever, were the Intermediates. They kept getting the raw end of the deal with the winds but still powered through. Every year the bar is raised which is great to see in Australia. For a country on “the other side of the world”, we have some very good up-and-coming talent in the ranks, which we will definitely see on the international circuit in years to come.

Big shout out to all the Skydive York crew for making us welcome as ever and going out of their way to get us in the air. To all the Judges, without these guys we wouldn't have a competition - congrats to Cole for his first time as Chief Judge too - Beer! To the pond scum for sorting out the courses quick smart and to Mr Ronald Perry as Meet Director making some OK decisions. Big shout out to the APF for, as always, backing our jumpers and this sport, and helping push our athletes onto the international stage. Thanks to all my friends and family for supporting me while I go have fun swooping and to all my sponsors Sun Path Products, NZ Aerosports, Cookie Composites, Vertical Suits and GLH Systems for making the journey an easier and more enjoyable one! ”

ANDREW 'ANGRY' WOOLF



Andrew Woolf





INTERMEDIATE - OVERALL STANDINGS

RANK	NATION	COMPETITOR	ACCURACY		DISTANCE		SPEED TOTAL		TOTAL
			POS	POINTS	POS	POINTS	POS	POINTS	
1	AUS	Ware Wano	#4	131.922	#1	291.319	#1	100.000	523.241
2	AUS	George Sheather	#1	193.243	#9	156.920	#4	62.827	412.990
3	AUS	David Collins	#2	190.645	#3	209.973	#11	0.000	400.618
4	AUS	Brody Johnson	#3	135.573	#8	157.578	#2	84.148	377.299
5	AUS	Shane Onis	#7	92.610	#4	206.876	#3	66.410	365.896
6	AUS	Jordan Michalov	#10	66.233	#5	178.546	#11	0.000	244.779
7	AUS	Allister Ware	#9	71.621	#7	161.348	#5	3.000	235.969
8	KOR	Nyungmook Choi	#18	3.000	#2	224.286	#11	0.000	227.286
9	AUS	Robin Morris	#13	32.729	#6	166.075	#11	0.000	198.804
10	AUS	Phielix Huibert	#5	121.744	#14	53.577	#5	3.000	178.321
11	AUS	Tiller Nicholas	#12	57.265	#12	105.514	#11	0.000	162.779
12	AUS	Shana Harris	#18	3.000	#10	151.283	#11	0.000	154.283
13	AUS	Jacob Mulder	#6	103.000	#16	48.928	#11	0.000	151.928
14	AUS	Amy Jamieson	#16	10.810	#11	127.061	#5	3.000	140.871
15	AUS	Laura Scott	#11	61.459	#17	44.081	#5	3.000	108.540
16	AUS	Dominic Jolley	#8	90.012	#22	0.000	#11	0.000	90.012
17	AUS	Robert MacIntosh	#14	23.779	#15	51.965	#11	0.000	75.744
18	AUS	Zack Rosser	#23	0.000	#13	64.052	#5	3.000	67.052
19	AUS	Jared Norman	#17	10.389	#19	30.971	#5	3.000	44.360
20	AUS	Lisa Miller	#15	21.621	#21	17.861	#11	0.000	39.482
21	AUS	Marlies Stanek	#23	0.000	#18	36.698	#11	0.000	36.698
22	AUS	Tamara McMurtrie	#18	3.000	#20	20.570	#11	0.000	23.570
23	AUS	Matthew Holmes	#18	3.000	#22	0.000	#11	0.000	3.000
23	AUS	John Connolly	#18	3.000	#22	0.000	#11	0.000	3.000
25	AUS	Jess Johnston	#23	0.000	#22	0.000	#11	0.000	0.000

OPEN - OVERALL STANDINGS

RANK	NATION	COMPETITOR	ACCURACY		DISTANCE		SPEED TOTAL		TOTAL
			POS	POINTS	POS	POINTS	POS	POINTS	
1	USA	Curt Bartholomew	#1	282.417	#1	295.465	#1	268.500	846.382
2	AUS	Andrew Woolf	#5	234.182	#3	268.845	#2	256.871	759.898
3	USA	Alex Hart	#16	189.740	#4	267.755	#3	245.604	703.099
4	USA	Jeannie Bartholomew	#15	190.444	#5	258.545	#4	240.954	689.943
5	NZL	Rhys Kempen	#9	211.604	#8	236.618	#7	219.743	667.965
6	AUS	Miles Cottman	#4	243.599	#19	174.483	#6	226.909	644.991
7	AUS	Darren Griggs	#10	210.996	#14	194.691	#9	216.563	622.250
8	AUS	Keven Walters	#3	259.242	#22	152.169	#10	209.751	621.162
9	AUS	Robert McMillan	#18	181.832	#15	193.617	#5	231.006	606.455
10	AUS	Bradley Jones	#7	228.626	#24	141.865	#8	218.904	589.395
11	AUS	Leigh McCormack	#22	144.691	#2	271.832	#13	166.180	582.703
12	AUS	Charly Rusconi	#6	233.925	#9	216.217	#21	123.254	573.396
13	AUS	Raymond Worrall	#17	188.741	#7	240.540	#18	138.957	568.238
14	POL	Krzysztof Jakoniuk	#2	277.761	#10	204.713	#25	77.563	560.037
15	AUS	Gerard Vejrych	#21	163.028	#11	200.599	#14	161.353	524.980
16	AUS	Simon Colmer	#12	197.385	#17	186.157	#17	139.199	522.741
17	AUS	Richo Healey	#23	142.819	#6	252.892	#23	103.871	499.582
18	AUS	Marley Nolan-Duncan	#25	122.318	#18	185.109	#11	187.676	495.103
19	AUS	Adrian Seemann	#14	190.541	#23	143.376	#15	150.502	484.419
20	AUS	Beau Gora	#20	164.139	#20	171.343	#20	129.578	465.060
21	AUS	Glenn Farrell	#19	172.839	#13	197.006	#27	76.290	446.135
22	AUS	Matthew Giddings	#13	194.350	#25	124.787	#22	122.534	441.671
23	AUS	Jesse Lister	#28	35.670	#12	200.138	#12	180.219	416.027
24	AUS	Alex Ohno da Cruz	#27	75.318	#16	186.627	#16	139.724	401.669
25	NZL	Paul Morton	#24	134.794	#21	155.338	#26	77.234	367.366
26	AUS	Cameron Jarrett	#11	201.139	#27	84.908	#28	43.463	329.510
27	AUS	Anthony Hood	#8	225.091	#28	55.696	#29	35.826	316.613
28	AUS	Ben Cuttler	#26	100.386	#26	102.499	#24	79.539	282.424
29	AUS	Selwyn Johnson	#29	-	#30	-	#19	138.108	138.108
30	AUS	Si Elliott	#29	-	#29	49.696	#30	3.000	52.696



AUSTRALIAN & NEW ZEALAND CANOPY PILOTING NATIONALS 2019



Brody Johnson



Charly Rusconi



Amy Jamieson



Simon Colmer



Beau Gora



Leigh McCormack



Glen Farrell



COMEBACK KIDS

THE REWARDS OF A SKYDIVING SEQUEL

By Kelly Brennan

WHEN YOU'RE AN ACTIVE, CURRENT JUMPER WHO GAZES AT THE SKY EVERY WEEKDAY AND RUSHES TO THE DZ EVERY WEEKEND, IT'S HARD TO IMAGINE THAT ANYTHING COULD MAKE YOU STOP JUMPING. BUT HUNDREDS OF SKYDIVERS DRIFT AWAY FROM OUR SPORT EACH YEAR.

A SPECIAL FEW DO MANAGE TO RETURN AND PICK UP WHERE THEY LEFT OFF, OFTEN WITH A MUCH GREATER APPRECIATION FOR THE SPORT. HERE ARE SOME OF THE COMEBACK KIDS WHO ARE DISCOVERING HOW MUCH BETTER IT CAN BE THE SECOND TIME AROUND.

JON KENT

Jon Kent spent a quarter of a century away from the sport and is back with a vengeance. He did around 2,000 jumps through the late seventies and the eighties, winning medals for CRW at World meets. He also had an F Licence, an Instructor B rating and an APF Achievement Award.



Family members kept asking him when he was going to stop skydiving and be a lawyer. "Life took over," explained Jon. "Marriage, children, career."

But it was a death that provided his turning point back to skydiving. His business partner suffered a fatal heart attack at the same age as Jon. The shock hit him hard, on top of mounting work stress and some health issues of his own. "I thought 'f\$#@ this'," he said. So he recovered and got fit, sold the family home, closed his business and cut back to casual hours working for his son, who is also a lawyer."



Jon went to Toogoolawahs one day in 2016 and Macca invited him to the Equinox Boogie. "I said 'Yes, but I'm not going to start jumping again!'" At Nox, it only took two days before Jon was back at 14,000 feet. "Nailed it!" he said. "It took 0.05 seconds to get back into it!"

After overcoming the fear of doing it again, there were some more disincentives. Jon was acutely aware that older bones don't bend as much when you're 60. Canopies were smaller and faster. His golf mates would give up on him. And he still hated packing!

Nevertheless, Jon was quickly back into instructing and he went to a 100-way camp in the US, as well as Aussie Bigways events in Australia. He recently helped lead the volunteer team at the Gold Coast WPC and he's doing some other volunteer roles for the APF.

JAMES EVERED

James Evered jumped for about 19 years, instructing, travelling, competing and breaking records over 7,500 jumps. "I never really left or stopped, I just slowed down and paused for a while here and there," he said.



The pauses were for family and health reasons. He was a stay at home father for a couple of years and he struggled with a frozen shoulder for about 14 months. "I missed the sky and all that it meant to me, the euphoric state after a jump and the emotional wellbeing that carried on well after."

James has been back in the sky full time for about two and a half years, logging another 1,500 jumps.

GRANT NICHOL

Grant Nichol had done more than 5,000 jumps when he took a couple of breaks. He was a competitor and instructor, who'd been part of the 400-way world record in Thailand in 2006. "It was the larger stuff that really pushed my buttons," he said. He drifted away after the 'Phoenix Project' bigway in 2011. "I knew that I needed to stay current to do bigways safely and there were just too many other priorities," he said.



Grant had a brief comeback moment for the Aussie 119-way record in 2015. But, with a busy work life and two teenagers, he soon fell into 'not being a jumper' again.

This time around, he's been drawn back by the lure of another Australian record. "Somebody sent a photo of me just after we landed from the 2015 record and it made the hairs on my arms stand up," he smiled. Grant found himself coming up with a lot of reasons why he shouldn't return, and then he realised the pull was too strong. He could do it and he would.



"There was also the fear of not being on it if our previous record was broken," he admitted. "Especially knowing it will probably be the last time they do it."

Just 100 days out from the bigway camp in Perris, Grant registered and set about getting himself current. Then he realised how much he'd got himself into! On top of the APF membership and a reserve repack, he ordered a new jumpsuit, and it turned out he needed a new Cypres too. It worked out to about \$6K worth of decisions in a few days.

But it was worth every cent to be back 'surrounded by such camaraderie and friendship' and a big goal to work to.

JOHN MIDDLETON

John Middleton was one of our earliest jumpers, from 1964 through to the eighties. He represented Australia at world meets, he was part of many firsts in the sport's development and logged about 2,800 jumps before some major life changes. "I was over 40 years old, got married, and had a new career," he said. "Most of my peers had long retired from jumping, then my best jumping mate was killed."



There was also a lack of incentive. "I had no new ambitions in jumping and other demands on my time and energy," he explained. That changed in 2009, when his old club was preparing for its 50th anniversary.

He got a big welcome at the club, and he didn't really have any fears. But he saw that equipment had evolved and people seemed to need faster canopies because the art of spotting had been lost.

The changes in the sport were a bit of a disincentive. "The commercial tandem business seemed to have become a big operation, almost separate from the traditional club jumping (and social) activities," he said. "But the changes were in me as much as in the jumping environment."



He bought a brand-new rig and did about 50 jumps over the next three years.

LOUISE TITTERINGTON

Louise Titterington notched up medals in Style and 4-way, as well as an instructor rating in her first 12 years of jumping. "I was in my mid 30s and decided I wanted to be debt free by 40," she said. "Skydiving took a great chunk of finances."

Six years later, in 2012, she had no problems at all with her return. The CI got her to do a couple of filmed jumps, but he knew her experience. It wasn't long before she was flying camera and instructing AFF. "I felt like I had matured and was more calm in freefall," she



recalled. "The only thing that concerned me was a lack of currency with landings." So she upsized from a 120 to a 135 and did a canopy course. "I could finally do a fast landing in nil winds!"



Lou now lives on the Gold Coast and has close to 1,500 jumps. But she is skydiving a little less often because of her tunnel addiction, loving everything from huckjams to MFS.

WIN SOME, LOSE SOME

It isn't just these individuals who find the comeback rewarding. Our sport is better for their return too. Perhaps we should look at past members as a pool of potential born-again skydivers?

Every year, the APF issues more than 500 new 'A' Certificates. Yet our overall numbers of licenced members each year tend to hover in the 2800/2900 area, only nudging ahead by <2% with each annual report.

We're working hard on getting NEW members. We have resources and programs to retain EXISTING members. We even try to pick up RECENTLY lost members when they don't renew. But let's also look at ways of renewing ties with past jumpers.

The reasons from lapsed skydivers tend to be quite consistent; finances, family, injury, career. How can we engage with jumpers who're taking a 'short' break, before it becomes a long one?

Asking around 20 or so of my own old jump buddies, many with thousands of jumps, I got some interesting answers. Around half of them are clearly in the 'ex' jumper camp. They have moved on and nothing will get them back. But the other half are either 'on a break' or 'might' come back one day.

How do we tap into that 'right place, right time' excitement that got Grant Nichol back? Maybe a free 'Friends of the APF' group, so past jumpers can stay in the loop? These types of continuing connections work well with Scouting and other organisations.

How do we identify ways of making comebacks a bit less daunting than they need to be? "It was a little bit intimidating for me for me to think that I'd be jumping with people who might have fewer jumps than me, but they could have a lot of time in the tunnel," said Grant Nichol. James Evered also wondered whether his freefall skills would be up to scratch and up to date, or would he be 'out to pasture?' If people of this calibre felt performance anxiety, then how bad would it be for people with much lower jump numbers?

What about the expense of coming back? Can we identify ways to reduce the cost for comeback members? Although, for my old friends, cost wasn't the major sticking point. It was mostly about family and needing to feel the right incentive.

WHERE ARE THEY NOW?

Most of the comeback kids mentioned here are keen to stick around.

Louise Titterington thought a lot about many skydives during her break and it was like she never left the sport. "I intend to skydive for the rest of my life," she says.

John Middleton recently had an ankle replacement to fix an old jumping injury. He doesn't want to risk more damage, so he probably won't jump again. "Sad, but nothing lasts forever," he says.

Grant Nichol doesn't see himself giving up after the bigway record attempt. "I haven't invested all that money to just do 20 or 30 jumps," he laughs. On the other hand, he doesn't see himself on the DZ every weekend either.

Jon Kent's mindset now is all about having fun, and he gets a lot of satisfaction out of instructing. "It's great meeting all the new players and a few old familiar ones," he says. "Faces change but the people are the same. There's nothing like the skydiving community!"

James Evered is glad to be back and loving every minute of it. "Onwards and upwards as there are more adventures to be had, skills to learn, people to meet, teach and party with," he says. "Game On!"

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PROFILE

SCOTT HISCOE

By Jenny Hopwood



What or who influenced you to start skydiving?

When I was young I saw a clip of someone jumping from KL tower in Malaysia, I was instantly fascinated by it and researched how I could someday do it myself. Not long after, my sister did a tandem skydive and I couldn't stop watching the video. After annoying my Dad for long enough he ended up taking me for a tandem for my 18th birthday and haven't stopped since.

What keeps you jumping?

For me it's become a lifestyle, it's my work and my passion, everything I do is jumping related. I love the places it takes me, the people that I meet and the constant learning curve it provides.

What is the biggest achievement of your skydiving career so far?

I would have to say coming third in VFS at the 2018 world championships on the Gold Coast and also the 164-Way Freely World Record back in 2015.

Do you have any advice for up and coming skydivers?

Skydiving is about the whole journey so enjoy it and don't rush, set yourself goals, both long term and short term so you constantly have something to work towards. I also encourage people to be involved with as many different disciplines of skydiving as they can, not only does it keep it interesting but you learn so much and become a better and safer all round jumper.



SCOTT HISCOE



When we did our AFF together back in 2004 did you think you would ever do 10,000 jumps?

Back then I thought 1,000 jumps was unfathomable let alone 10,000 but after a year or so of jumping I knew it was going to be something I would do forever.

What was your actual 10,000th jump?

Funny enough with the way the timing worked with weather and work my actual 10,000th jump was sadly a tandem with a smelly, sweaty, 94kg guy with no video, quite possibly a stitch up from the manifest girls but nonetheless, finished off the day with a fun tracking jump over the beautiful Wollongong beach with some of my best mates.

Hang on, 94kg and no video?

[Laughs] When they hit 95kg you get paid more money and video is also more money.

You have jumped all around the world, what's your favourite drop zone?

My favourite DZ in Australia would definitely be Skydive Oz in Moruya, the location and facilities are world class. My favourite overseas drop zone would be Skydive Chicago, once again amazing facilities and some of my most memorable jumps have been there.

What are some of the more memorable jumps you have done?

My top three best jumps would be:

1. A wingsuit jump out of a helicopter over the Eyjafjallajökull volcano in Iceland with my good mate Matty Gilso.
2. A jump out of a helicopter onto Mackay Cay with Ty Baird, which is a small sand island about 50kms off Port Douglas on the Great Barrier Reef.
3. And I'd say the most memorable jump I have done was the Freely world record jump in 2015, it was just the perfect big-way, it was quiet and smooth and was some of the most amazing visuals I have seen.

What's your most hectic malfunction?

I have had 11 malfunctions in my skydiving career. I'd say the most hectic situation I have been in was a jump back in 2013, it was an assessment jump for a visiting overseas jumper. Long story short I ended up chasing him down trying to dump him out. By the time his main had lifted off I was way below my hard deck and out over the trees and hills, luckily I was smart enough to go straight to my reserve and ended up with a seven second canopy ride, landing in a clearing in the trees. If I had gone for my main I would most probably be dead. I learnt a lot from that jump and it changed the way I go about student jumps ever since.

Demo jumps?

I love demo jumps! The feeling I get brings on the nerves like it was my first jump all over again. The two I remember the most was a demo onto the road outside iFly Downunder which was super scary, and the pretty well-known demo we did onto a giant waterslide in the Hunter Valley.

How many World Meets have you done?

I have done four world meets back-to-back now which has been a bit life consuming but amazing.

Any more items on the skydiving bucket list?

It would be amazing to be world champion with Team Focus at the next world championships. Other than that I can happily say that I have achieved every other goal I have set myself. So now it's time to set new goals and come up with new ideas so hopefully I come up with something super fun!



BASE

What do you like about BASE?

I enjoy the mental challenge of performing while really scared and of course the amazing locations it takes you that you wouldn't normally go to.

What are your most memorable BASE jumps?

It's hard to say because there are so many special ones. Usually it's the ones that don't go to plan ha ha, or the coolest icons and all the firsts. I'd say one of my most memorable was a double front flip I did off a building in the city and was met with a couple of detectives on landing who didn't think it was as cool as I did.

Do you have any advice for people considering getting into it?

I'd probably say don't do it, but if it's something that you really want to do and you have thought through all the consequences then do it right. Two hundred jumps minimum like the courses say is just not enough. I'd say minimum 500 – 1,000 skydives to help your chances of survival and do a course like Doug's LTBJ. Whilst being expensive, what's your life worth? They cover every aspect of BASE and get you as prepared as you can be in such a crazy sport.



THE PETER PAN OF SKYDIVING

By Kelly Brennan

PETE ALLUM IS THE PETER PAN OF INTERNATIONAL SKYDIVING. HE'S A REAL-LIFE VERSION OF THE FREE-SPIRITED YOUNG BOY WHO CAN FLY; ETERNALLY YOUTHFUL YET OH SO WISE.

Pete Allum left Neverland recently to spread his fairy dust in Australia. (Pete's home is a medieval village in Spain, straight out of a storybook. And his version of fairy dust is the many priceless grains of knowledge from his lifetime in skydiving.) His first stop here was a week with the 4-Way team, Kinetix, at Picton. Then he came south to Barwon Heads for a glorious weekend of 15-Ways.

The skydiving Pete doesn't play pipes to fairies or ride imaginary goats. But he is a perfect 'betwixt and between' who crosses several different disciplines in skydiving. He's logged 34,000+ jumps, has countless tunnel hours and has been competing for 35 years at WORLD meets. As his legend grows, his canopies get smaller, surprising the cool kids at the DZ with his 75ft canopy.

It's because of Pete's amazingly broad talents that he's the coach of choice for Kinetix, the new Australian Champion 4-Way team. "We have had many coaches over the years

and, whilst there are a number of very good coaches, we believe he has the most diverse skill set," says Stricko.

Pete Allum is also known as the nicest guy in skydiving, with good reason. He has a kind, calm and nurturing approach, which brings out the best in his flying followers. As another Pete, aka 'Irish', said while commentating the UK team on screen at the WPC, "Isn't Pete Allum amazing? Don't you wish he was your Dad!"

The Barwon Heads event, Barwon Bigways 2.1, was two days of 15-Ways, thanks to generous funding support from the APF Fi Fund and the VTPC, which enabled it to happen. (We also had excellent support from the DZ itself, plus a big makeover project from staff and skydivers in our fun jumpers' shed.) The skydives with Pete focussed on unusual slots for people, different fall rate techniques, different floater lines to what we're used to, and really nailing our one second stops between points. We achieved some great

multi-point 15-Ways, even while adjusting to those small differences and subtle challenges that were set on each jump.

The event secured fantastic media coverage in three newspapers and a radio station, but Pete remained humble, quietly doing the dishes in the share house and emptying the rubbish at the DZ. He wore his shiny new Aussie Bigways cap with pride, heading home with a bad case of hat hair.

As the original Peter Pan once said; "Never say goodbye because goodbye means going away, and away means forgetting." His skydiving namesake is certainly not forgotten and he already has plans for two more trips.

Pete Allum's positive vibe is a perfect help for Aussies on a treasure hunt for medals or records.



AUSSIE BIGWAYS GO BIG OR GO HOME!

By Kelly Brennan Photos by Aussie Bigways & P3 camera teams

SINCE AUSSIE BIGWAYS CAME ALONG, THERE HAVE BEEN SEVEN (7) NATIONAL LARGE FORMATION RECORDS. FOUR OF THEM HAVE BEEN HELD IN THE US AND THREE IN AUSTRALIA. THERE HAVE ALSO BEEN NOTABLE ACHIEVEMENTS, SUCH AS THE POPS 42-WAY, WHERE THERE AREN'T OFFICIAL FAI CATEGORIES FOR THE RECORDS. AND THERE HAVE BEEN STATE RECORDS CLAIMED AS WELL.

PROVING THE CRITICS WRONG

A decade ago, the DZ bar arguments began over the plans to head to USA for an Australian record. Ironically, some of the loudest critics were people who'd scored their own Australian records during international competitions overseas.

Bigway jumpers have often found themselves having to defend their travel choice. "It's all about planes, oxygen systems, pilots and lift capacity," we've chanted. It's a well-

worn mantra, but very true. All of those essentials are there in Perris, plus a world-leading coaching team, leaving the jumpers free to focus on the actual jumping. Believe it or not, it's also cheaper this way, and Aussie DZs don't have to lose their planes. When it comes to performance, there are no favourites. Everybody can earn a place, or miss out, based on what they do in the training camps.



2012, California, 3-Point 54-Way



2017, Moruya, 3-Point 32-Way

Back in 2010, the vocal minority wouldn't budge. In their eyes, any record achieved in California would never be a REAL Australian record.

The aim in 2010 was 100+. We needed to beat the previous record of 81. Tick. Tick. Tick. We did it three jumps in a row with a 105-Way, then a 109-Way, then a 112-Way!

Can't complain about that, right? Wrong.

DAM LIES AND STATISTICS

The next argument was the 75% rule. A National record must have at least 75% Australians to be counted. Just as all the successful record holders got excited on Facebook, the critics chimed in again. How dare we use the same Sporting Code that's applied to every other record in Australia. How dare we have our American coaches, plus some international friends who lived or worked in Australia, plus a handful of Californians.

Over the years, thankfully, both sides have pretty much stopped arguing. By any measure, the Aussie Bigways adventure has helped make skydiving stronger in Australia.

RECORDS

We've lifted the bar for records. Before Aussie Bigways, the largest formation was an 81-way. Now we have a 119-Way, plus sequential efforts. Hundreds of Aussies have achieved one or more national records.

PARTICIPATION

Aussie Bigways keep people participating in our sport. Looking at the original team list, about a third of the Aussies at the 2010 event are coming back to this one and going strong with their skydiving careers. Not too shabby when skydivers usually average around five years in the sport.

We have many high achievers. Our players include a dozen Instructor As, three Service Award recipients, two Tim Bates Award winners and 13 people who represented Australia in last year's WPC competitions.

2015, California, 119-Way



SAFETY

We've improved large formation safety. A continual focus on freefall awareness, tracking and canopy patterns has helped keep injury levels minimal. Our main events have usually ranged from 20 to 50 jumps, challenging people to lift their skills in a concentrated, structured environment.

Aussie Bigways has driven grass roots changes in formation safety. We have produced manuals, videos and local coaches who've moved us forward from the old days of being a 'target' on a crash and burn Star Crest load. Our frequent Star Crest events and Speed Star days bring people to DZs and keep them jumping, as well as educating newer skydivers in current best-practice.

Our goal has always been bigger, better and safer. Despite the extra pressure and sheer numbers of people in the sky at once, we have an impressive safety record. Looking at our six multi-aircraft events, Aussies have recorded two serious injuries in more than 15,000 jumps. This is also better than the APF average on serious injuries (ie. fractures, dislocations, multiple injuries) which was at 2.5 per 10,000 jumps last year.

ORGANISATION

We have raised the bar for event planning. We've held events for around 100 participants at DZs around Australia. We do tunnel too, but this magazine is about skydiving, and we certainly put bums on seats at drop zones.

GLOBAL AND PUBLIC ATTENTION

We are internationally recognised. Our efforts are published in US, UK and European publications. Aussies are active participants in large FS world records.

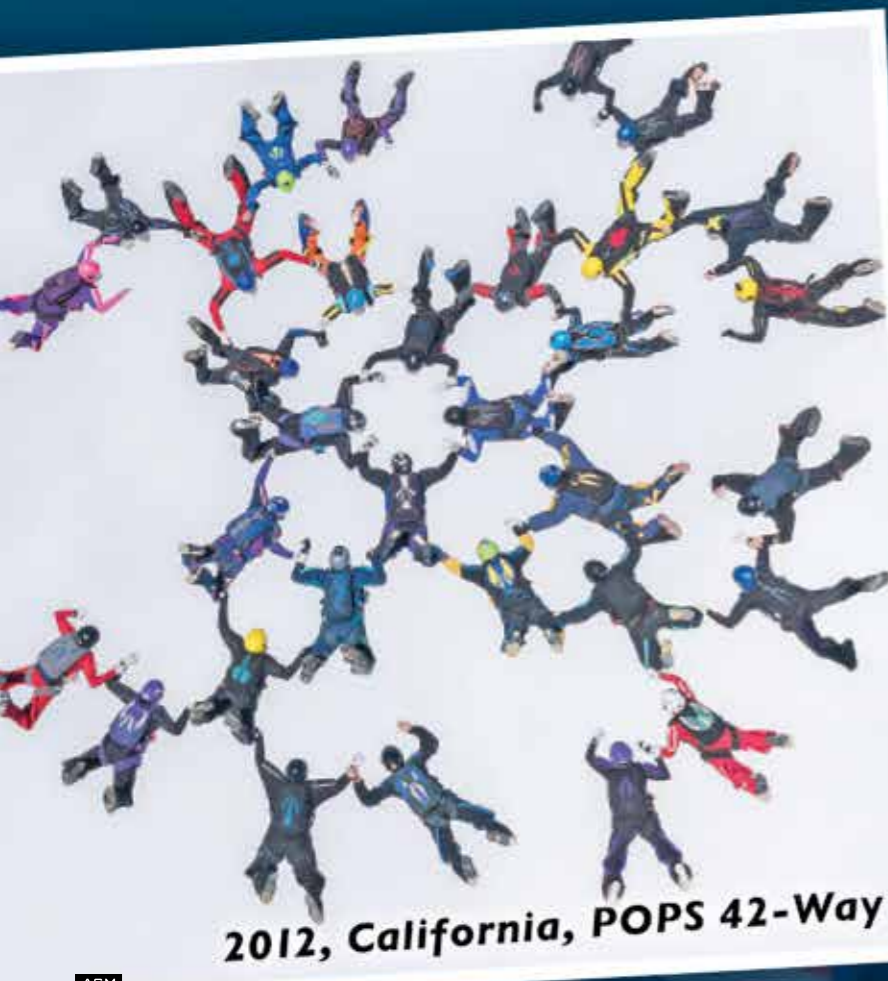
There has been huge Aussie TV interest in the previous records in Perris Valley, with around 70 items of media coverage overall for 2015. Two months before this year's mission, we'd already notched up around 20 items in local newspapers and regional TV.



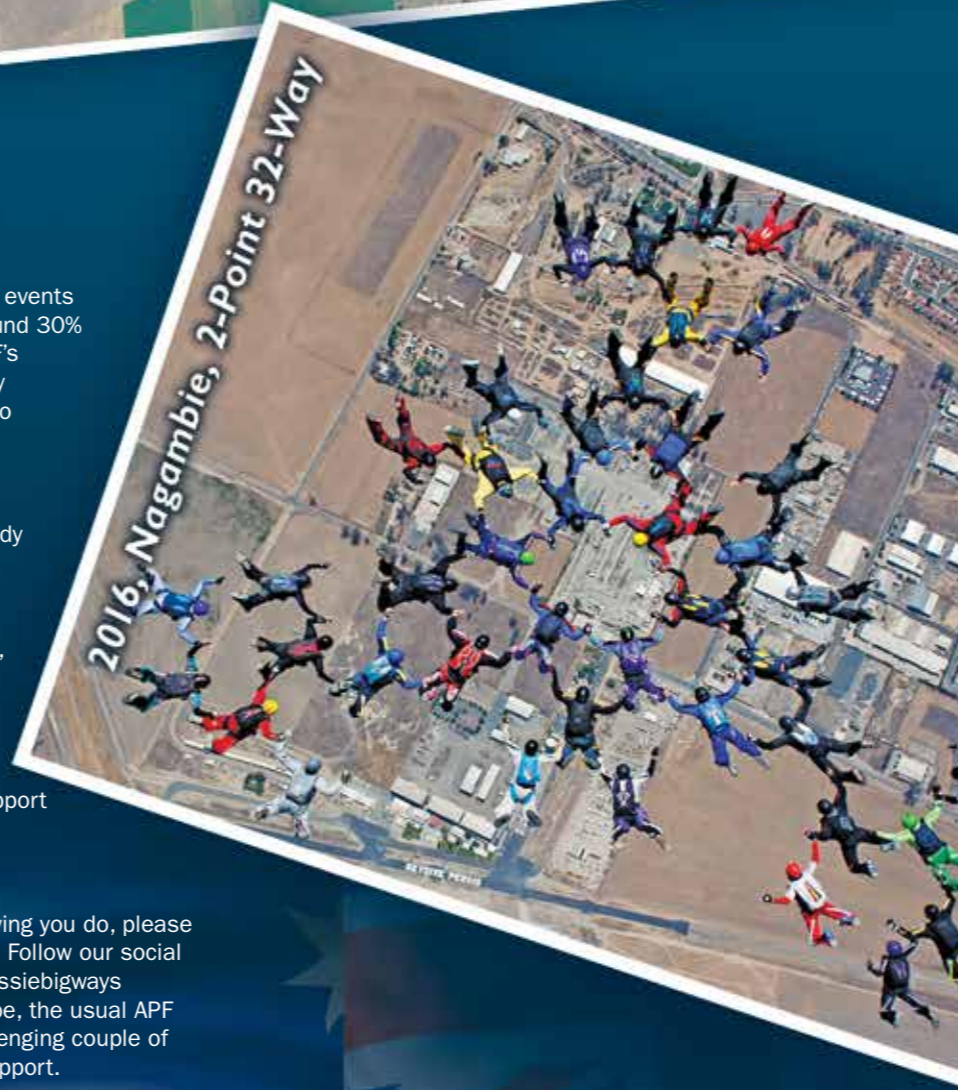
2010, California, 105-Way, 109-Way, 112-Way



2018, Toogoolawah, 2-Point 45-Way



2012, California, POPS 42-Way



2016, Nagambie, 2-Point 32-Way

INCLUSIVITY

Aussie Bigways is inclusive. Our events and records usually include around 30% women, which is double the APF's average for participation. Bigway players range from their teens to 70-plus.

THE MISSION

By the end of January, we already had 110 people registered for this year's trip. To set a new record, we need 120 or more people, including 75% Aussies, in a formation.

Two talented Aussie camera flyers were selected for the camera team, and we have secured generous funding support from the APF.

OUR LEGACY

No matter what type of skydiving you do, please cheer us on from back home. Follow our social media through hashtags #aussiebigways #gobigorgohome and, we hope, the usual APF pages as well. It'll be a challenging couple of weeks and we'll value the support.

The team will bring home new skills and knowledge. But, most importantly, we're aiming to bring everybody home safe, with a new Aussie record to celebrate.



KRISTINA HICKS IS THE PROUD RECIPIENT OF THIS YEAR'S LISA PERDICHIZZI SCHOLARSHIP

By Kelly Brennan

Kristina, the new SQPC Area Coach, received the news with a combination of shock and happy tears. She says it will help her pursue her goal to encourage and support all skydivers from all disciplines.

The Lisa Perdichizzi Scholarship was started by Lisa's family, through the APF, after Lisa died in a motorbike accident in the US with her partner, Clay, in 2015.

It's an annual grant to help an APF member with training or education that's geared towards the leadership and retention of women in skydiving. In Kristina's case, she's committing to a one year Graduate Certificate in Sport Coaching at the University of Queensland.

The previous recipient was Kate Vaughan, who added to her coaching qualifications and put in a record-breaking 4-Way performance at last year's WPC.

"Lisa's love of the sport was enormous," says her Mum, Joyce. "She dedicated her skills and time in getting more young women involved in skydiving."

In her 17 years in the sport, Lisa excelled as a competitor, coach and camera flyer who was passionate about nurturing new skydivers. She set up the Women In Adventure Sport (WIAS) program and drafted the first mentors in the months before she died.

Kristina is part of the WIAS program, plus she's active in 4-Way, Bigway and the new emerging discipline of Speed Skydiving. Not to mention her work in organising Star Crests and Speed Stars.

Lisa's family has committed a very generous amount of money for the annual scholarship because they want to keep her legacy ongoing.

"I'll do my best to honour Lisa's memory," said Kristina, who started jumping after Lisa had left us. But she's been told all about Lisa's impact in the sport, and she believes they would have got on well.



“ My vision is to be a part of a revolution in skydiving, that celebrates in the successes of both women and men on a level playing field. ”

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Compiled by:
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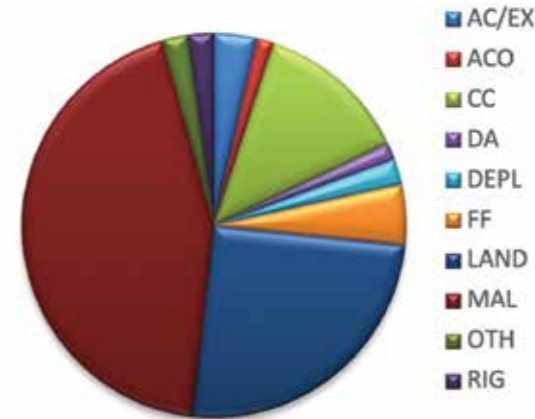
April 1919 – Leslie Irvin makes the world's first free fall parachute descent using a ripcord. He believed a freefall jump would be safer because an aircraft spinning out of control could interfere with the deployment of tethered parachutes. The skydivers of the world – we thank you Mr. Irvin.

Incident Focus

The following are a sample of incidents lodged with the APF January-March 2019 and are published in the interest of safety education. While every effort is made to ensure accuracy, neither the APF nor ASM make any representations about their accuracy, as information is based on incident notifications as submitted. **Note:** 'Actions' identified are taken verbatim direct from the incident forms.

Use these incidents to think about what actions you might take to reduce your chances of having a similar incident and/or how you might handle the situation. Discuss your options with the Chief Instructor / DZSO / qualified personnel at your drop zone.

INCIDENTS Jan - March 2019



AC/EX	Aircraft/Exit	ACO	Aircraft Only
CC	Canopy Control	DEPL	Discipline Action
FF	Freefall	LAND	Landing
MAL	Malfunction	DEPL	Deployment
OTH	Other	RIG	Rigging Report

AIRCRAFT/EXIT

Certificate D, 1200 Jumps. Micron container, Katan 150 Main, Optimum 165 Reserve. Phoenix Fly Shadow wing suit. 3rd wingsuit flight of the day; 2nd day of a first flight course. Poorly executed exit resulted in container striking the upper edge of the door which dislodged the main pin and resulted in main D-bag deploying just outside the door at 12,000ft. D-Bag pulled pilot chute from BOC and initially was stuck in burble. Lines were wrapped around right wrist and wing cutaway. Jumper cleared the lines after about 3-4 seconds and the main canopy deployed with line twists. Canopy dived to right immediately and skydiver ended up spinning on his back. Attempted to clear twists and control rotations. Rotation increased and the decision was made to initiate emergency procedures. Cutaway was completed with no issues at 8,000ft. Landed safely on drop zone. **Action:** Debriefed by Chief Instructor. Pay greater attention to exit procedure to ensure no contact between the container and aircraft.

Certificate C, jump 210. Micron container, Sabre 170 Main. Premature opening of main off the door. Two jumpers taking an exit off the door. The one which had the incident had his back to the rear of the door. They left inside the plane and as a result snagged the main pin on the rear of the door. The two exited the plane and straight away it was seen that the main had lifted off the container. The other jumper was pointing at the issue and by the time the jumper involved realised and looked up the pilot chute had been extracted and the canopy had started opening. Luckily no entanglements and the jumper then flew down and landed safely. **Action:** DZSO had taken both jumpers and reminded them of the importance of planning jumps better with exits regardless of experience. And also, thoroughly explained what potentially could have had further consequences if it went wrong.

DEPLOYMENTS / MALFUNCTIONS

Certificate C, jump 103. Icon Container, Volt 210 Main, Optimum 218 Reserve. After uneventful solo flat fly, jumper deployed at approx. 4800ft and as the main started to open he felt something hit him in the back of the head (jumper's video shows it was the reserve pilot chute) and then both main and reserve canopies opened at the same time. The canopies then started to fly in a side by side configuration, and the jumper flew them the best he could to an open space near the dropzone. At about 10-15 feet he drifted to the right and both canopies hit a tree and got caught up in branches suspending the jumper about 6 feet from the ground, the jumper didn't hit any branches and didn't sustained any injuries. Jumper was assisted down and both canopies were recovered. **Action:** Jumper was briefed by a senior instructor of how to handle possible 2 out scenarios and making a decision earlier about cutting away or not and if not how to best fly and land 2 canopies configuration.

Certificate E, jump 370. Micron container, Leia 69 Main, Optimum 143 Reserve. Stable deployment at 6000ft. Canopy started diving and rotating shortly after line stretch. Identified tension knot. Tried to counter rotation with opposite rear riser input until canopy started to collapse. G-force increased to an undesirable level. Carried out EP's reserve deployed with line twists, kicked out of line twists and landed safely under reserve. **Action:** Ensure lines are stowed as neat as possible, especially with new UPT semi stowless bag.

Certificate C, jump 184. Wings container, Crossfire 179 Main, Tempo 210 Reserve. Jumper's fifth jump of the day. Hop n Pop from 5000ft. Jumper initiated deployment at 4000ft and experience a normal opening when the canopy started to dive aggressively to the left. Jumper attempted to recover the dive by pulling on the opposite rear riser however the canopy began to twist. Dytter alarm sounded at 2500ft so jumper elected to commence emergency procedures. Jumper experienced a normal reserve deployment, landing back on drop zone without further incident. **Action:** Toggle off suspected after canopy was recovered with one break unstowed. DZSO debriefed importance of packing techniques and practising the Toggle off procedure.

Certificate D, jump 290. Ventus Hybrid 150 Main, SmartLPV 135 Reserve. On opening, after 10-way flat RW jump, slider was stuck up. Jumper flared, but as he did the left side of the canopy started to collapse. He then noticed a broken line on the front left riser. Cut away and deployed reserve. Reserve opened well, was under canopy approximately 2000ft. Landed safely on DZ. **Action:** Rig was taken to a rigger for inspection. Other lines attached to front left riser are also very frayed. Talked with jumper about personal responsibility for own gear and maintenance, to which jumper replied that he blamed himself for not noticing the wear on the lines. Reinforced monthly maintenance, and more regular checks after every jump.



PLENTY OF LINE TWISTS

Line twists have been identified in 41 incidents already in 2019, with 95% unable to be corrected and therefore resulting in a cutaway & reserve deployment. The following are samples with familiar themes.

“Deployed at 3500ft, line twists, momentum sent body in opposite direction. Couldn’t kick out, opted for Emergency Procedures (EP) at 2000ft. Landed off.”

“Jumper deployed at 3800ft, canopy opened straight into line twists and diving. Tried to kick out, only making it spin more. Checked height and carried out EP under reserve at 2000ft. Landed on DZ.”

“Deployed at 4000ft, hard opening into severe line twists. Tried kicking but started spiralling. Cutaway, reserve open with 2 twists, kicked out by 2800ft and landed ok. First jump on new gear.”

“Deployed main at 3100ft, to a bag lock. Pulled on risers to fix, canopy deployed into line twists, spinning on back. Hard pull on cutaway, fully open reserve at 1200ft.”

“Deployed main at 3000ft, turning sharp left into multiple line twists. Attempted to kick out unsuccessfully, initiating EPs at 2000ft, under reserve at 1700ft.”

SPINNING LINE TWISTS

By Jim Crouch

The following article was printed in the April edition of USPA's Parachutist and is reprinted here with permission.

The Rolling Stones sang a popular song titled “Time is on My Side.” Obviously, Mick Jagger never had a high-speed malfunction. After receiving a letter from a concerned skydiver who witnessed an incident resulting from a low cutaway, the USPA Safety and Training Committee discussed the hazards of one high-speed malfunction—spinning line twists—during the February USPA Board meeting. Following the discussion, the board added

the following to their Skydiver’s Information Manual: “Spinning main parachute malfunctions can lose altitude significantly faster and require a rapid response. Checking your altitude more frequently is required to ensure cutting away the main parachute and deploying the reserve is done above your decision altitude.”



Over the last 20 years in the USA, at least 24¹ jumpers have died after failing to handle spinning line twists properly. There are several possible explanations for why so many have fallen prey to this tricky and deceptive malfunction.

From the first jump, a skydiver learns that line twists are just a nuisance that they must fix in order to steer the parachute. Although this is usually true for large, docile student canopies, it is not true if the parachute is not flying level and is spinning.

A quick look through YouTube videos shows skydivers spending anywhere from six to 30 seconds trying to untwist risers and suspension lines before pulling their cutaway handles to release their main parachutes, all while their parachutes spin rapidly toward the ground. The jumpers who are not using reserve static lines or main-assisted-reserve-deployment devices lose additional time and altitude falling away from their jettisoned mains before pulling their reserve ripcords.

During a spinning malfunction, jumpers can lose as much as 300 feet of altitude per revolution. It does not take long to end up dangerously low for a cutaway and reserve deployment.

Unforeseen issues add complexity to emergency procedures. Some jumpers have reported an inability to shear the Velcro and pull the cutaway handle because it was sandwiched tightly between the harness and torso due to tension on the main lift web.

During a spin, centrifugal forces cause a jumper’s blood to move toward the feet and away from the brain, which can affect judgment and slow reaction times. In one case, a jumper spinning under a very small experimental main parachute lost consciousness and struck the ground in a hard, diving spin.

Skydivers need to start treating spinning line twists as high-speed malfunctions that require immediate cutaway and reserve deployment. Usually caused by a brake release or uneven risers trapping suspension lines, the situations are almost never recoverable, and trying to kick out of the twists is just wasting time and altitude.

Fortunately, there’s a lot you can do to respond to spinning line twists correctly. As soon as you find yourself orbiting around your spinning main parachute, immediately pull the cutaway handle and deploy the reserve. A faster reaction maximizes the altitude remaining for a reserve deployment and makes it easier

to extract the cutaway handle from the main lift web, because the harness is not yet highly loaded. Sooner is better. Additionally, use an RSL or MARD. Many fatalities occur after the jumper releases the main parachute at a sufficient altitude but fails to pull the reserve in time. An immediate reserve deployment via an RSL or MARD can mean the difference between life and death.

You can prevent spinning line twists by jumping larger canopies at lighter wing loadings, packing carefully, stowing your brakes securely and deploying in a stable body position with your shoulders level with the horizon. Practice your emergency procedures in a training harness on a regular basis to help ensure you handle malfunctions correctly when the time comes. Don’t spend too much time trying to fix an unfixable malfunction. Pull your cutaway handle. And pull it immediately. Mick Jagger had time on his side. You don’t.

Jim Crouch | D-16979

USPA Coach Examiner and Tandem Instructor Examiner; AFF, IAD and Static-Line Instructor; PRO



¹**APF Note.** Over the last 20 years in Australia, at least 3 jumpers have died after failing to handle spinning line twists properly.

CANOPY CONTROL / LANDINGS

Certificate B, jump 88. Sabre 170. Poor planning and execution of circuit. Light southerly ground winds. Set up too high, overshot his landing area by approx. 300m and landed about 1ft in front of BBQ/picnic table area immediately in front of building. Canopy fell over picnic tables. Was observed on finals to be headed straight for BBQ area, when clear landing area was available about 10m to the left. Made no attempt to steer away, would have required only minimal toggle input. **Action:** Possible target fixation? Stated that he panicked when he saw where he was headed but did not think to steer away. Jumper is quite un-current and acknowledged he needs retraining on circuit basics. Revised gentle toggle input canopy correction techniques.

Did not jump again for the rest of the day, had a chat with a couple of instructors about circuits. Next 20 landings he will pre-plan a circuit with a coach/instructor, and land near the student cross. The GCA is to sign off on each landing.

Is required to attend a canopy course and is looking at doing one in the next couple of weeks.

Certificate E jump 5427. Velocity 96M. After an uneventful hop and pop from 12000’, performed a 270o turn to land, failed to grab the rear risers, hit the ground hard on right side of body resulting in a dislocated right shoulder. **Action:** Jumper briefed on the importance of currency on personal gear and use of the toggles instead of risers on landing.

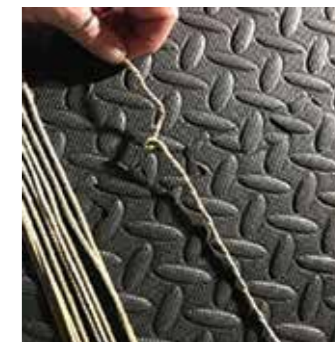
Certificate E, jump 1072. Katana 107M. On his 3rd jump back from a short layoff (6+ months), jumper flew his parachute into turbulence behind trees and buildings. Winds were around 5 or 6kts and changing from East to North East. Jumper felt turbulence and was witnessed to be in half brakes approx. 50ft. Jumper then commenced flaring at ~5m after his canopy lost an end cell. Jumper landed on right heel first then heavily on bum with no PLR. Airlifted to hospital. Bruised Right heel, Sore bum, Soft tissue injury to mid back. **Action:** Chief Instructor to debrief jumper about landing in turbulent conditions. Correct flaring techniques to be revised before next jump and jumper to be retrained in PLR practice.

Certificate F, jump 3058. Sabre 135 Main. Landing in light and variable winds jumper ended up landing in correct landing direction that was slight downwind, jumper caught their foot and tripped over and landed awkwardly to the left. Sustained fracture to left wrist.

GEAR CHECK

The Twisted Truth

Jumpers blame the occurrence of twisted steering lines on everything from how they collapsed their canopies to the Coriolis effect. But no matter how they occur, if left unattended, they can lead to problems. It does not take many twists before lines start wearing unevenly.



As the slider grommets slide down the lines during opening and hit high and low spots created by the twists, they create more friction—and therefore more heat—on the high points. This creates a set (sometimes called a memory) in the lines, which causes them to twist up again the next time the jumper lets go of the toggles after landing. Once this set burns into the lines, it is impossible to rectify.

In extreme cases, a set can increase the frequency with which canopy pilots experience tension knots that shorten brake lines and cause unwanted turns, poor landings and buffeting when using front risers. As always, maintenance is the best solution. The better a jumper takes care of their gear, the better the gear is going to take care of the jumper.

When you perform your canopy-control check after deploying, spend that extra second or two it takes to check the brake lines and make a mental note if you need to untwist your brake lines after landing or before packing. Better yet, if you have the altitude and no other canopies are near you, spin the toggle a few times and take them out in flight.

RSL Lanyard

While performing a routine gear check on another jumper, the inspecting jumper noticed that the reserve-static-line lanyard was tucked between the jumper’s shoulder and harness. This improper stowing could have caused the lanyard to snag, risking an unintentional reserve deployment.

RSL systems add complexity to the reserve system. Rig owners need to fully understand their equipment, including the external parts of the reserve system, so they can ensure the rig is in airworthy condition. Jumpers who are performing gear checks should also be aware of the different reserve systems and know what to look for during a gear check.



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Do you truly understand the risk???
Are you prepared for it???
Are you really???

By Dan Brodsky-Chenfeld

It is with great sadness that I feel it necessary to bring these skydiving safety issues up again. A couple of weeks ago I had two friends tell me that on a jump they looked up at their parachutes which weren't working properly, actually heard my voice in their heads telling them to "Cut that crap away!" and cut away immediately. They both landed safely and wrote humorous posts about it. This past weekend I had two other friends look up at their parachutes which weren't working properly. One cut away too late, one didn't cut away at all. We're very lucky to have one of those of friends still with us. No funny posts this time.

How is this possible? I'll tell you. Please, please listen carefully.

Most skydivers, probably you, make these two mistakes first:

1. Underestimate the potential risk involved on any given jump
2. Overestimate their ability and readiness to handle that risk

Understand this; **SKYDIVING IS NOT A SAFE SPORT.** It is a dangerous sport that can be done safely. To do it safely you need to expect everything that can go wrong to go wrong on each jump.

- Expect that something is wrong with your gear when you do a gear check.
- Expect to have other jumpers close to you on opening.
- Expect your audible and visual altimeters not to work.
- Expect to have a hard pull.
- Expect to have a malfunction.
- Expect other canopies to be coming at you.

How much would you be looking for air traffic if you knew other jumpers were close to you on opening?

How sharp would you be about altitude awareness if you didn't have any kind of altimeter?

How hard would you pull on the first try if you were expecting a hard pull?

How much would you practice your emergency procedures if you knew you were going to have a malfunction on the next jump?

Many Special Forces soldiers from the US and around the world train at Skydive Perris. They are experts in risk and

readiness. All of them practice their EPs every morning for about 10 minutes before jumping. Do you? Are you more prepared than they are? I seriously doubt it.

The Red Bull skydiving team members are close friends of mine who I knew as young jumpers. They do dangerous jumps. I worry about them, but I know they understand and accept the increased risk and they do all they can to prepare for it. Do you truly understand the risk? Are you prepared for it? Are you really?

Being prepared means anticipating emergencies and having made emergency decisions before the emergency happens. You need to decide NOW that if you ever deploy your main, look up at it and aren't 100% sure it's good, you are going to cut away immediately. Bad canopies generally get worse and executing your emergency procedures only becomes more difficult the longer you're under a spinning malfunction.

Expect a malfunction so you're not surprised. Being surprised will slow down your response. Take a breath and calmly and immediately execute your EPs.

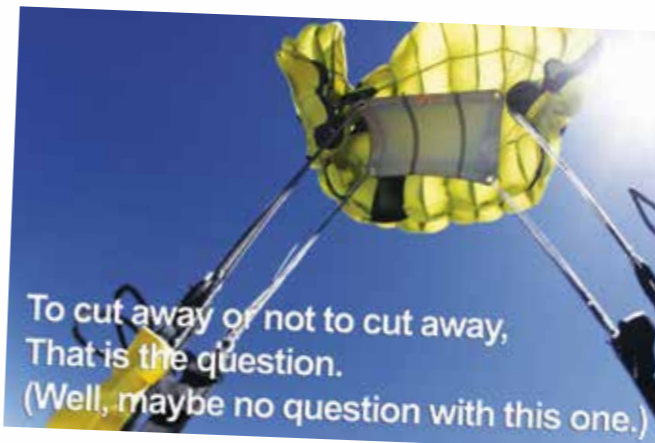
Don't just know your EPs, be great at them!

The first step of any EP is "looking" for your handles. Look first! When you're under canopy, especially a malfunctioning canopy your handles won't be in the same place as when you're wearing your rig on the ground.

In case you find yourself under a less than perfect canopy thinking "Maybe I can get out of this....". Think about this. Other than particular CReW situations, no one in the history of skydiving has ever been hurt or killed because they cut away too soon. Many have been who took too long.

Coming to you with much love towards our community and sport, and insane frustration when we're complacent.

Dan Posted this to his Facebook page just days after, and in response to two malfunction incidents at his DZ where only one survived.



To cut away or not to cut away,
That is the question.
(Well, maybe no question with this one.)

Dan Brodsky-Chenfeld, or "Dan BC", as most people refer to him, is one of the most decorated skydivers in the world. Manager of Skydive Perris, he's also one of the world's best-known skydivers, known internationally for his autobiographical book, *Above All Else*, for his TED Talk and for his outreach as a keynote motivational speaker. He's a standout ambassador for our sport at large- and has had an enormous, positive influence on the safety of the sport, and its capacities. <http://danbrodsky-chenfeld.com/>



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FASTER
faster than...

wait
what?!

AN UNEXPECTED JOURNEY TO FIND THE FASTEST PERSON ON EARTH



part 2

By Ash Crick

The data was clear. Whether intentional or not, it appeared that people could manipulate the official Speed Skydiving measuring results, by creating pressure around the devices at the right moments. What I didn't know was the mechanism of how to do it... so between Freestyle training days, I tried to figure it out.

Carrying half a dozen Protracks at a time on each Speed jump for the previous couple of months, I was used to seeing Protrack graphs showing "spaghetti" for speed (see lines in red in the Figure 1 graph below), indicating that each Protrack device thought I was doing different speeds at the same moment, whilst the Flysight graphs showed all the lines virtually colouring over each other (in orange), as they consistently tracked my speed throughout the jump.

How to trick a Protrack

When I tried a dolphin kick in the middle of my Speed jumps, I started seeing some big speed changes. Below (Fig 1) is a graph where Protracks say that I'm travelling all of 704km/h, 674km/h, 482kmh, 479km/h, 357km/h AND 345km/h at the same moment in time; a spread of more than 350km/h.

Meanwhile five separate Flysights at that same moment, in the same jump, said I was doing between 439.6km/h and 441.2km/h; a difference of merely 1.6km/h.

350km/h difference versus less than 2km/h difference!

I found another technique where I could build up speed on my head, and then aggressively flop onto my back to create a ton of drag, which in one jump made the Protracks on my hips think that I was accelerating from 415km/h up to near 592km/h (the red line spikes below), when in reality I was dramatically slowing down from 440km/h to 360km/h, as seen in the Flysight orange lines in those same three seconds.

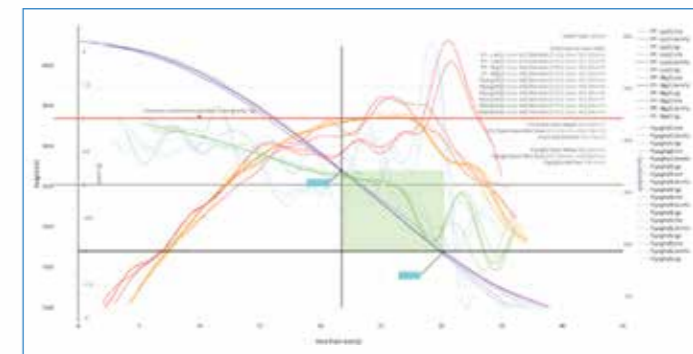


Figure 2.
Red lines - Protrack speed measurements
Orange lines - Flysight speed measurements

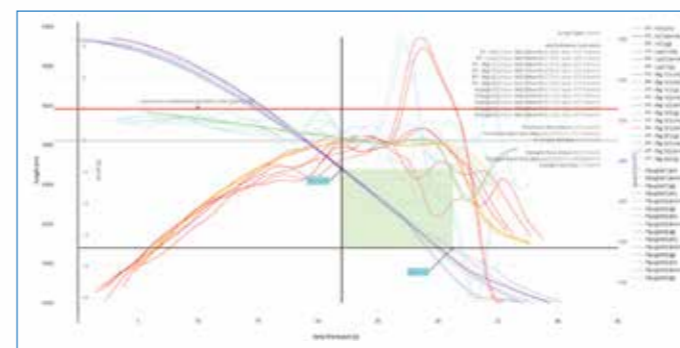


Figure 1.
Red lines - Protrack speed measurements
Orange lines - Flysight speed measurements



Figure 3.
Protracks from the above jump, showing speeds in mph (369mph = 590km/h)

The inaccurate speed measuring devices were the ones that we were going to be used in the World Championship competition to determine who would win the medals.

I hadn't yet found a way of achieving these extreme results consistently, but I was able to replicate them enough that it was beyond doubt - **Protrack speeds could be manipulated intentionally**. To do it consistently was going to take quite a bit of practice, but we had discovered methods that competitors could use.

So this sport was not only measured by wildly inaccurate devices, it was demonstrably vulnerable to people who could figure out how to cheat.

IPC- International Parachuting Commission

I had been in communication with the Speed Committee of the IPC, and the 1st Vice President for more than a month by August last year. I used to be an official advisor to the IPC Artistic committee in the early 2000s, and had met the current 1st Vice President almost 20 years ago on that committee.

We had now delivered information to the IPC on how to see for themselves that the winning jumps of past competitions and the World Record could be shown to be catastrophically wrong, simply by using a ruler on their own official graphs, given skydivers cannot break the laws of physics.

They had also received around a hundred graphs of jumps, where between two and seventeen devices had been used at a time, showing wildly different speed measurements by multiple Protracks throughout the jumps, and extremely consistent measurements throughout the same jumps by multiple Flysights.

I had also relayed accounts of techniques I'd found to make the Protracks read near or above 700km/h by intentionally manipulating them, whilst having the evidence from multiple Flysights to show that I was only travelling at 450km/h at the time.

It turns out that even with data that demonstrates that the sport of Speed Skydiving could not measure the exact thing that it claims to be measuring, the governing body of the sport were not prepared to change to a measuring device that could actually measure speed; a device the IPC had approved and used regularly in other disciplines.

It might be unfair, but the distinct lack of curiosity, and considerable difficulty in receiving follow-up responses suggested to me that the committee didn't want to know. I could understand that it must be embarrassing to realise that past officially endorsed World Records and World Championship medal results were wrong, but I couldn't help but hope they would want to do something about it when they found out, to make sure we didn't go into yet another World Championship knowing that the Speed competition could not award medals based on speed.

If there was ever a time to make an exceptional change close to a competition in any sport, you would think that finding out that you can't measure your sport, where you have an immediately viable alternative, would be it.

Fun facts from the 2018 official WPC Speed Skydiving results

- In Round 2, the Gold Medalist was measured officially by the devices that their left and right hips were a quarter of a kilometre apart at the top of the measuring zone (the gap in the darker blue lines, around the 20 second mark below)

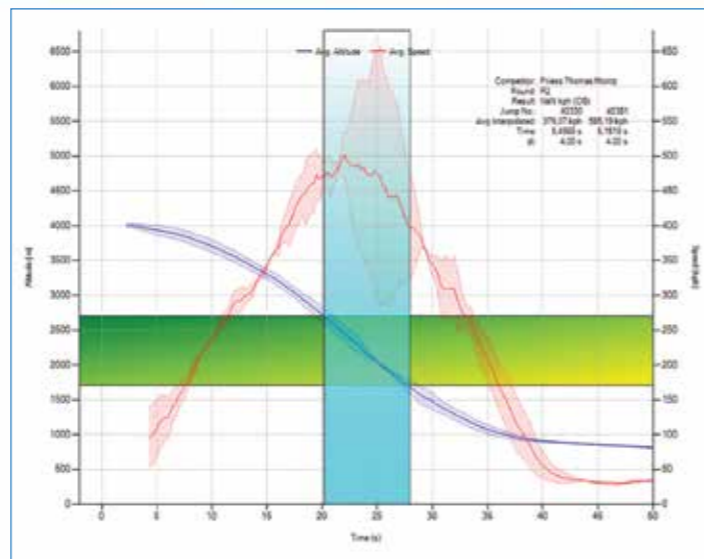


Figure 4

- In the same jump, the official IPC graph shows that one of his competition devices said that one side of his body was travelling 370km/h faster than the other side at the same time (the widest gap between the red lines in the middle), and one side of his body finished the race 3.7 seconds faster than the other - in a race that takes around 7 seconds.
- When the speeds on the two devices read radically different results in a Speed Skydiving competition, the official Speed Skydiving rules say that the competitor should be penalised. More than 30km/h difference, they receive a penalty of up to 30km/h, and more than 60km/h difference between hips the competitor is given a score of zero, due to the device's not being able to do their job of simply measuring speed. Crazy... yep!
- Many of the top placing competitor's jumps had graphs that again showed they broke the laws of physics (greater than 1g accelerations), as has happened in all past WPC competitions. ight speed measurements

WPC 2018

Imagine you invested a whole lot of time and money throughout a year, and then travelled halfway across the world to a World Championship in your discipline, only to realise that the devices used to measure you in that competition can't actually measure you, for the thing you had trained for, and that other competitors were capable of manipulating their measurements.

That is the scenario that most international Speed Skydiving competitors found themselves in last October at the Gold Coast.

Some struggled to hide their frustration even before the first jump had been made, and the IPC Speed Committee were still informing competitors, at the competitors meeting, that the reason that their two devices can give two completely different speed readings more than 100km/h apart was because they "didn't have the right body position" (face palm).

Fastest Person on Earth competition

As the WPC was not going to be able to find the fastest skydiver, we floated the idea amongst the competitors of running a competition in parallel, using Flysight devices. The competitors were super keen to be involved, as the reason they were there was to find the Fastest Person on Earth too.

So more than half of all competitors took a Flysight with them on each official competition jump, and we collated the results as the competition proceeded. Whilst most people relished the chance to participate, interestingly, some former medallists and record holders would not. It was strange to notice that most were taking Flysights on their jumps anyway.

Half way through the competition, we overheard a term that we later found out was used in the Speed Skydiving community to label those who had managed to discover techniques that could manipulate devices to read high. For years, they called them "Pressure Pigs".

The practice of attempted manipulation of pressure around the device in competition appeared so well established that it was difficult to escape overhearing conversations amongst many long-standing competitors at the WPC, of the specific cheating techniques used.

Worse, there really seemed to be a culture of protecting and excusing the ability to cheat the speed measuring devices by some. I heard excuses such as: people are just "flying their devices", or "you have every right to do it too". I'm not sure what happened to Speed Skydiving being about speed, or where the spirit and fairness in this competition went?

Unlike the amazing feeling of sportsmanship that I had experienced without exception in the past two decades of competitive skydiving, it just wasn't there in this WPC Speed Skydiving event. The vibe was a mixture of genuine disappointment for the competition not being a competition by many, and excuses that cheating was somehow OK by some others.

In a perverse way, this unusual situation led to a unique camaraderie forming between the competitors of the competing nations, all struggling to get their heads around what it was that this competition was about.

The winners!

The winner of our parallel GPS competition was Kyle Lobpries from the USA, with an **average** speed of 481.8km/h per jump. He came 7th in the same event in the WPC.

Second place was Shane Turner from Australia, with an average speed of 474.9km/h. Shane was 2nd in the same event in the WPC results.

Reinhard Weisenhofer, from Austria, came third in the Fastest Person on Earth competition, but came **23rd** in the WPC.

FASTEST PERSON ON EARTH RANKINGS ORDER (TRUE SPEED)

POS	WPC POS	COMPETITOR	R1	R2	R3	R4	R5	R6	R7	R8	MAX	MAX 2	MAX 3	MAX 4	COMP RESULT
AVG (KMH)															
1	7	Lobpries Kyle	466.00	466.41		484.18	476.58	487.80	471.35	478.79	487.80	484.18	478.79	476.58	481.84
2	2	Turner Shane	468.40	455.09	469.44		474.81		487.05		487.05	474.81	469.44	468.40	474.92
3	23	Wiesenhofer Reinhard	460.44	461.63	464.85	455.01	465.14	464.90	451.29	456.69	465.14	464.90	464.85	461.63	464.13
4	19	Acevedo Christopher		443.51		439.41	458.23	445.29		460.43	460.43	458.23	445.29	443.51	451.86
5	18	McCormack Leigh	460.01	383.98	422.08	441.51	452.54	448.58	409.85	433.12	460.01	452.54	448.58	441.51	450.66
6	17	Osorio Daniel	447.84	454.62	449.72	446.06	448.31	448.36	448.35	446.92	454.62	449.72	448.36	448.35	450.26
7	5	Gmyzin Dmitry		445.15	443.85	447.36				445.12	447.36	445.15	445.12	443.85	445.37
8	15	Pendleton Reese		459.62	439.62	442.69		438.79	386.84	436.34	459.62	442.69	439.62	438.79	445.18
9	24	Long John	448.19	444.33	424.56	429.90	447.74	439.41	332.33	389.63	448.19	447.74	444.33	439.41	444.92
10	21	Crick Ash	445.77	444.12	422.35	437.41	438.42	433.43	432.17		445.77	444.12	438.42	437.41	441.43
11	9	Eftodi Daniel		429.27 4	29.26		432.61	445.08		442.86	445.08	442.86	432.61	429.27 4	37.46
12	11	Kolln Tim		424.76	425.15		410.49	418.53	429.30	446.60	446.60	429.30	425.15	424.76	431.45
13	20	Hopwood Kim		413.11	426.77	439.34		354.91	416.73	434.10	439.34	434.10	426.77	416.73	429.23
14	27	Carder Joe	414.82		433.11	437.82		410.84		400.60	437.82	433.11	414.82	410.84	424.15
15	29	Didenko Dimitri		381.40	314.12	363.76	408.52	333.48	409.82	350.94	409.82	408.52	381.40	363.76	390.87
16	31	Surink Laura	238.40				236.97	215.86	252.29	244.01	252.29	244.01	238.40	236.97	242.92

Figure 5 - Fastest Person on Earth parallel competition final results, with WPC placing comparisons

The results spoke for themselves. The WPC Speed Skydiving competition was in dire need of change.

How could we be OK with situations for people like Reinhard, who actually achieved some of the highest speeds in the world at the World Championships, but scored one of the lowest placings in the WPC, just because the devices he was given couldn't measure his speed accurately?

Rule changes

After the WPC 2018, with the extraordinary help of the Australian Speed Skydiving competition team, with Ronnie Perry, Mark Edwards and Gail Bradley, considerable effort was put into a proposal for sweeping rule changes, to present at the upcoming IPC meeting in Paris in January 2019.

Gail made a powerful pitch to the IPC plenary, and most of our changes were accepted, for use in future International competitions. Flysights would now be the devices used for all competitions going forward.

First competition back

Since the changes, we have had the Australian Championships, and the 1st International Speed Skydiving competition in Portugal last month.

The early results of the impact of the device change probably best speak for themselves (seen below in the recently reset live rankings on the International Speed Skydiving Association website <http://www.speed-skydiving.com/index.php/rankings/eternal-ranking-gps>)

SPEED SKYDIVING WORLD WIDE ETERNAL RANKING Speed Measurement powered by FLYSIGHT

Pos	MF	Competitor	Country	Event - Country - Place - Date - Jump	Speed kmph	RT	ISSA	FAI	NAC
1	M	Shane Turner	AUS	National 2019 Meeting - Australia - 11/18 Mar 2019 - R 6	490,32	NR M	x	x	
2	M	Marco Hepp	GER	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 1	474,84	NR M	x	x	
3	M	Ash Crick	AUS	National 2019 Meeting - Australia - 11/18 Mar 2019 - R 6	471,80		x	x	
4	M	Henrik Raimer	SWE	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 2	467,28	NR M	x	x	
5	M	Luc Malin	BEL	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 1	461,16	NR M	x	x	
6	M	Augusto Bartelle	ITA	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 2	460,44	NR M	x	x	
7	M	Reinhard Wiesenhofer	AUT	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 2	457,20	NR M	x	x	
8	M	Max Hurd	GBR	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 2	442,08	NR M	x	x	
9	M	Fabian Wernli	SUI	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 2	441,72	NR M	x	x	
10	M	Paulo Alves	POR	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 1	416,86	NR M	x	x	
11	M	Stephen Slater	GBR	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 1	400,32				
12	F	Jessica Johnston	AUS	National 2019 Meeting - Australia - 11/18 Mar 2019 - R 6	375,12	NR F	x		x
13	M	Claudio Mac Donald	POR	World Series 2019 Meeting - POR -Alvor - 05-07 April 2019 - R 2	372,96				

Figure 6 - ISSA website Eternal Rankings since change in device 2019

Shane is smashing it, with the top speed of 490km/h! Interestingly, Max Hurd, who won the bronze medal at the 2018 WPC couldn't get above 442km/h with the Flysight, and Henrik Raimer, with the Protrack World Record of over 600km/h, couldn't get above 467km/h with the Flysight.

It is clear that competitive Speed Skydiving is now a level playing field, and a real competition :)

The future

This past year has been an amazing journey of learning, and discovery. It has been disappointing at times, but has ended in an amazing place.

In 2019, the sport of Speed Skydiving has been reborn internationally, and I'm super excited that we now have a competitive sport that truly seeks to find the Fastest Person on Earth!

come speed with me

By Shane Turner

**WANT TO GO FASTER THAN ANY POWERED MOTOR SPORT ON EARTH?
WANT TO ASPIRE TO BE THE FASTEST PERSON ON THIS PLANET?**



Then come with me on this new journey, with new rules, accurate data and see who is truly The Fastest Person on Earth! Grab yourself a Flysight, tighten your chest strap, set your audible to scream and come rip through the atmosphere at speeds you never dreamt were possible!

All the standard Freefly rules apply with stress over the importance of tight closing loops, tight BOC, and the need for dual audibles and PUD instead of Hacky. Make sure your rig is tight, chest strap tight, let your LO and DZSO know your intentions, jump off jump run, SLOW DOWN before deployment and the rest is pure speed!

Start by wearing something comfortable like your Freefly suit and exit the plane however you're comfortable in obtaining an accurate and smooth off-jump-run heading, then gun it! With DZSO approval you can experiment with different clothing, working towards a tight top or leading edge and working your way into a slicker, more aerodynamic fit.

Whilst gaining speed and the world around you intensifies, it's really important to stay calm through the storm and not let fear take over. Breathe and relax in the chaos that will hunt for you at these extreme speeds. Fly through any adverse movement, remain relaxed and push through the different sensations reached as your speed increases.



At extreme speeds air molecules breaking from your head will form their own course around you, finding the quickest route to regroup as if you never happened. Don't search for the air like you would on any other skydive. Trust me, if you find the air while travelling these speeds it will respond with vengeance throwing you off course. Instead allow the air to pass by as you sneak under the guise of a raindrop and penetrate the air faster and faster.

Only a skydiver, hungry for speed, knows the feeling.

Speed Skydiving is a data driven sport. Without knowing your speed, you will never know your progression. Get yourself a Flysight. My first goal starting out was achieving over 400km/h. Then make that consistent. Next, 450km/h. Then, never under 450km/h. I have only knowingly exceeded 500km/h once using my Flysight. My goal now is to do this over and over again.

How fast do you think you can go?

Just think, half the speed of breaking the sound barrier, Mach.5 is 617km/h (or 172m/s or 562ft/s.) I can safely tell you right now, I have fallen faster than 139m/s (or 456ft/s,) even though just for a moment. 139 metres per second! Usain Bolt eat your heart out!

Analysing the data is simple, look at your top speed from exit to 5,500ft and continue to strive to beat it! Try not to lose speed throughout the course. Speed wobbles may sustain your current speed without losing any, whereas a 'wang out' will drastically reduce your speed as you get thrown horizontal.

Competition is the single best way to learn and test yourself in any discipline and Speed Skydiving is no different.

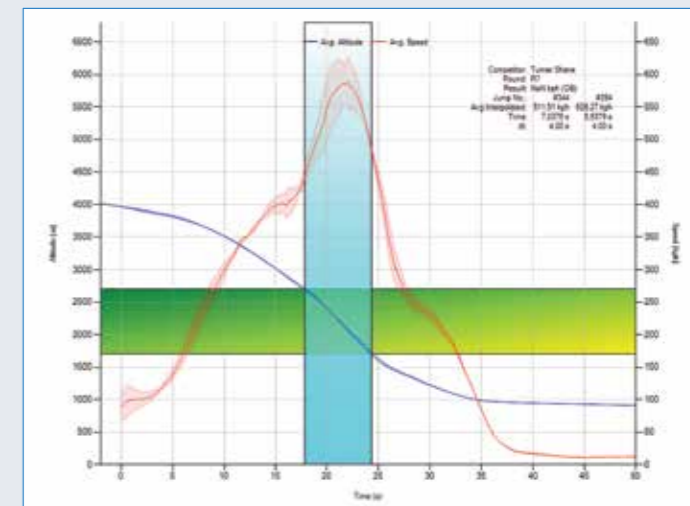
I will be available to come to your local DZ with a Development Weekend into Speed Skydiving and hold a competition style learning weekend with importance over safety, and I guarantee I will have you jumping speeds faster than you have ever gone before! With this I urge you to speak to your local drop zone owner, your local council and organise through myself and the APF to hold this learning opportunity at your local DZ.

If your ambition finds you seeking Speed around the globe, a World Series Event is held over in Europe and the World Cup for Speed Skydiving will be held in the UK in August, 2019. Speed Skydiving is again part of the World Parachuting Championships in Russia come 2020 with qualifying necessary at York, WA at next year's Australian Nationals. Let's strive to make the world notice Australia as the team to beat with a new team division part of the new rules!

Summary of the new World Speed Skydiving Rules:

- Maximum GPS exit height of 13,500ft.
- Sliding window of your fastest three second speed from exit until 5,500ft.
- 8 rounds. All rounds count.
- Re-jump for device malfunctions.
- TEAMS division of a preselected '3 person' team and their total score.
- JUNIOR Division (under 25yo) Male/Female
- Open MALE/FEMALE Divisions
- 'FLYSIGHT' the approved Speed recording device

So who wants to fly fast? Do you have what it takes to push the limits of your skydiving experience!? Do you want to be the fastest person on earth!? Then come speed with me!



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Local Training Drop Zone: Byron Bay, Skydive Australia

Mobile: +61 402 489 200



ISSA WORLD SERIES ONWARDS

Facebook Sites to Connect with:

- Aussie Speed Skydivers (ASS)
- Speed Skydiving
- ISSA Speed Skydiving

Websites:

- ISSA <http://speed-skydiving.com>
- www.fai.org
- (Watch this Space - a one stop information source on everything speed skydiving is currently in the works, created by Ash Crick in conjunction with Australia's Expert Panel in Speed Skydiving)

ISSA World Series 2019 events confirmed:

1. 5-7 April, Alvor PORTUGAL (skydivealgarve.com)
2. 10-12 May, Fano ITALY (skydivefano.com)
3. 30 May - 2 June, Saulgau GERMANY (skydive-saulgau.de)
4. 22-23 June, Jwartberg BELGIUM (pcv.be)

FAI World Cup of Speed Skydiving:

- 12-15 August, Dunkswell GREAT BRITAIN



By Kelly Brennan

QUESTIONS AND ANSWERS ABOUT STAR CRESTS

What is a Star Crest and why do I need one?

An Australian Star Crest (ASC) is simply a number that gets added to your APF licence, to show that you've demonstrated your flat flying skills to a particular standard. You need to enter fifth or later on an 8- to 10-Way flat formation, you need to do this on three separate jumps, and you need to be signed off by two ASC-holders on each of the three jumps.

You don't NEED to get one. It's not compulsory for all sport jumpers. But it IS a requirement for people who want to go on an 11-Way or larger in any discipline. And it's also a must if you want to be an instructor one day.

When should I do it?

You can do it straight after your 'B' Certificate. But just because you CAN, doesn't mean you SHOULD. The basic flying skills are similar to B-Rel's, but it's a LOT harder. The flying itself has to be second nature, so you can focus on exit timing, approach angles, navigating your way around extra people, matching fall rates, docking gently, tracking away safely and flying your canopy in a crowd.

Some organisers set minimum numbers, like 80 or 100 jumps. I always suggest around 30 to 50 flat jumps after your B-Rel's, but I sometimes, rarely, make exceptions. We had a guy recently with only 51 jumps in total but more than 10 hours of tunnel time as well. He had the right mindset and demonstrated the skills well. We also had two people with 200+ jumps who were just starting their Star Crests. All of them did really well. Most of the 'readiness' is about understanding your own flying ability and fall rate, so you can confidently tackle the new skills.

I just want to do Angles and Freefly. Why should I bother?

A lot of the experience and knowledge you pick up in Star Crest jumps is totally transferable to other disciplines. Same same but different.

We bang on about approach angles and no momentum docks for a reason. The body position might be different for Angles, Freefly and Wingsuit flyers, but the concepts are the same. Much better to put them into practice at Flatfly speeds before you discover what you can and can't do in a higher speed Freefly formation.



What's so important about levels?

Matching levels is everything! If you match the fall rate and dock perfectly level, the formation will stay stable enough to turn points. If you think a successful 8-Way is great, then how about a 3-Point 10-Way?

If you dock slightly above or below the formation, you run the risk of slamming down on top of the person you're docking on, or bringing them down on you.

If you're level with the other person, a side-to-side bump can be absorbed by both of you. But above-below bumps will probably stuff it up for both of you.

Levels are important for other disciplines too, so this is a good time to focus on them.

How do I know if I'm on the correct level?

If you're docked on somebody and you can see the back of their rig, you're too high. If you can see their belly, you are too low. (Unless they have a huge belly, of course.)

If you're facing a person, you should be looking at their smiling face. You should see their face and their 3-rings. Keep flying your body so your eyeline is 100% matched. If you're behind a person, the view isn't so good. You should be looking right up their clacker or their underarm. (It's a sad fact of bigway that we get to see a lot of, ummm, inseams!)

Do I need a Rel suit to do my Star Crest?

A lot of people don't require one, but I prefer that everybody uses them for our events. I see it as a training day where you're learning important skills and you're learning about the right tools for the job.

Your suit really isn't just about YOU. It's about the people docking on you. We can do a lot more different formations and we can turn more points if there are sausages on the suit. And that's a good thing too for the experienced people on the load, the ones spending money and helping you with your Star Crest.

Dress for success! More sausages = more success.

Realistically, we know that many Star Cresters want to race off and do something else. But it really won't hurt them to do Flat like they mean it for one day.

What should I do to get ready for my Star Crest jumps?

Step One is to read the Star Crest Manual and understand the terminology. It's available via the Aussie Bigways website, www.aussiebigways.com, under the 'resources' tab. There's a checklist in the manual which outlines the required skill level.

While you are getting those post B-Rel jumps in, try some different exits. Instead of one in and one outside the plane when you do a 2-Way, have a go with both of you on the outside. Or all three if you're doing a 3-Way. Ask a flat coach for some jump ideas. Or check out excellent apps like Rhythm Skydiving 101.

Redo your B-Rel jumps with your mates, fine tuning the skills of matching fall rates, turning, docking gently and side-sliding. Work on your flat tracking to generate maximum lift and distance. Work on your packing for on-heading openings. Improve your canopy flight, ready for more crowded skies.

I've got my Star Crest. Why won't the boogie coach let me on their 16-Way?

A Star Crest is not a magic ticket to all the bigway action. It gets you in the gates and proves you can do the basics. It gets you ready to continue learning. Most coaches would want to see you on smaller formations, like 10- to 12-Ways, before they'll put you on a 16- or 20-Way. But safe, reliable and skilled formation flyers will be noticed and they will earn their place on some of the bigger, better jumps going around.

Kelly has just finished her eighth summer Star Crest program in Victoria, at the Great Ocean Road DZ. These 48 events have produced more than 100 completed Star Crests, thanks to Skydive Australia, the APF Fi Fund and the Vic-Tas Parachute Council. "By running these structured training days, we've learned a lot about what makes people succeed in the Star Crest jumps," says Kelly. "It's all about the Star Crester's preparation, their awareness of their own flying skills, and their mindset on the day."

FURTHER READING
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The 2018 QUEENSLAND BLAST

E League

THE 2018 QLD BLAST E-LEAGUE WAS A GREAT SUCCESS AND THE FIRST SUCH JOINT VENTURE BY BOTH NQPC AND SQPC, IT WAS AN EVENT THAT WAS RUN THROUGH THE SECOND HALF OF 2018, OPEN TO ANYONE IN THE STATE TO JOIN FROM ANY QLD DROP ZONE.



Good Point, Photo: David Brown

SOUTH QUEENSLAND By Alex Cattaneo

The whole idea was to boost interest and introduce jumpers to 4-Way FS competition skydiving. It was a busy year for skydiving in QLD with the world meet, and as a result no State Champs were run. The Blast comp was a great way to continue the development of grassroots competition skydiving, free from the stress of having to perform on a set day at an event such as State Championships or Nationals. Instead jumps occurred at whichever drop zone the team chose, with as little or as much practice as each team wanted to commit to. The other advantage of hosting an E-League comp meant it was accessible to both North and South Queensland alike. As a challenge we often run into with State Championships, given they are held in North and South Queensland on alternating years, is that it ultimately means that it is much more costly for either council to attend the other championships.

The rules were simple - one player/coach with unlimited jumps and the remaining three players having no more than 1,000 jumps between them. NQPC really came to the table with the incentives, they offered a grand prize of \$1000 in jump tickets for the winning team.

In South Queensland we had five teams that entered:

1. Airbenders
2. Dock it like it's hot
3. The Regulators
4. Sticky Mess
5. Good Point

I was involved with two of the South QLD teams. I honestly have to say that we had an absolute ball. None of us had been in teams together before, and in fact for some of us it was the very first skydiving team that we'd been a part of. So for those of you who have been in this sport for a few years or a few decades, remember the first skydiving team you were a part of? Wasn't it a wicked experience? My first one certainly was!

The event received funding from the APF Fi Funds, NQPC and SQPC and also attracted the attention of heaps of industry brands who contributed a number of amazing prizes which in the spirit of the blast comp were awarded via a lucky draw. These included: CYPRES, L&B, Bev Suits, Cookie, who sponsored our major prizes and Terminal Sports and Kroops who donated enough merchandise for every competitor to receive a goodie bag consisting of some really cool stuff!

So that's the wrap up from South Queensland, over to Val to fill us in on the comp in North Queensland!

Good Point



Sticky Mess



Dock it like it's hot



Airbenders



The Queensland E-League Blast in 2018 was a steep learning curve for me, as I began to understand the commitment required to compete in this sport. Since I started jumping in early 2016, skydiving for me was an adrenaline-charged thing to do on my weekends after a stressful week at work. Participating in the E-League gave me a little taste of what it is to jump for a common goal shared amongst great people. I had such a great time and learned so much from Vale Schmied. Her commitment to the sport and especially newcomers is exceptional.

The E-League has given me an appetite for 4-Way competition skydiving which I didn't have the confidence to even consider doing. I'm so grateful to the people who made it happen and being the winner of the prize draw, I would really like to thank Terminal Sports and Larsen & Brusgaard for the epic goodies!

Mark Dunne, "Flat Out Beef"

Airline Angels



Flat Earthers



Anyone who is under 500 jumps: I can highly recommend joining a 4-Way team and jumping regularly with your team. I joined Fourplay at 91 jumps, we have since jumped 39 times together over three months. Having the familiar faces and canopies around makes the learning environment safe and comfortable.

Anna Mueller, "FOURPLAY"

NORTH QUEENSLAND By Valérie Schmied

It all started early August when the first two teams registered! I was at Innisfail Tandem Cairns DZ with a keen team practising the jumps. We smashed four jumps and had a ball! Now we could only hope to meet again and practice more, but we achieved the jumps so we can submit jumps... Yay! Flat Out Beef was starting their competition. I went back home all pumped thinking about the next time we could meet...

As I was winding down from the great day... Rangry from Toogs posted a photo on the E-League Page... a photo of his alti on jump run! The first team to register from South QLD started jumping exactly on the same day as the first team to register from North QLD! Oh boy, what a surprise! Even if we tried we couldn't have done that! Flat out Beef and Airbenders opened the QLD E-League Competition on the same day even though we were soooooo far apart... The competition spirit was born.

From then on, we kept meeting up to build our skills up to do great 4-Ways. We organised a few events through North QLD where we all enjoyed turning points and progressing together. It was a pleasure to witness everyone's improvements over the months we met up, to perform our best rounds for submission. iFly Gold Coast sent us an instructor to play and he offered 4 x 10 minute vouchers of free tunnel time! How lucky are we?!

In North Queensland we had four teams that entered:

1. Flat Out Beef
2. Burble Buddies
3. Fair Dinkum
4. FOURPLAY

Other teams tried to make it happen but ran out of time or out of players. I'd like to thank every participant for giving it a good go and I am really hoping to see some of you competing at our next State Meet or at next Nationals. Until then, keep up the good work and stay safe!

The E-League blast Comp has brought our fun jumping community closer. It has provided us the opportunity to learn and develop our skills together as teams of mixed experience and skills. We have all been blessed with the coaching of Val and Paul of which has been a true privilege and honor. The competition has given jumpers of lesser experience an avenue to learn and interact with jumpers of higher experience in a fun and casually competitive manner. For some of us this has been the first team building experience in our time as skydivers! FOURPLAY have been lucky enough to have developed a strong bond and have made some promising progress as a team. We are now pushing toward the Nationals with the guidance and coaching of the great Paul Osborne! This competition has opened up some absolutely amazing avenues for us! On behalf of FOURPLAY we would like to thank Val, Paul, NQPC and Sponsors for this opportunity!

Cain Vella, "FOURPLAY"

Karen Hardy & Valerie



Flat Out Beef



FOURPLAY Leads To... A Long Term Relationship!

The story of a developing 4-Way
team and the QLD BLAST



By Cain (Moussenuckle) Vella of team Fourplay

THE JOURNEY OF FOURPLAY STARTED WITH THE QUEENSLAND BLAST E-LEAGUE COMPETITION IN FAR NORTH QUEENSLAND 2018. THE COMPETITION WAS OPEN TO TEAMS ACROSS QUEENSLAND, ENTRANTS WERE ABLE TO SUBMIT ROUNDS ONLINE AND WERE CAPABLE OF PRACTICING AS MANY TIMES AS THEY LIKED AT THEIR OWN DROP ZONE. THE EVENT WAS ORGANISED IN AN EFFORT TO PROMOTE 4-WAY COMPETITION IN QLD & AUS. ORGANISED BY MEMBERS OF THE 4-WAY TEAM WHITEFISH, VALERIE SCHMIED COORDINATED PEOPLE AND TEAMS AT INNISFAIL, DZ (TANDEM CAIRNS).

The Far North Queensland Region has a small but enthusiastic sports jumping culture that is somewhat superseded by the ever encroaching Tandem industry. BLAST E-League has brought about an amazing shift within our community, uniting jumpers of mixed experience and skill levels together with common goals! Skill Development, Team Building, Unity and Fun! The competition for many of us was not important but what we got out of the journey thus far has exceeded any of our expectations.

I think one of the biggest motivations for our team has been our Coach/Player and all out legend Paul Osborne. Yup... we were so blessed as to have a true Godfather of the sky, volunteer his time to coach and jump with us! Meeting him through BLAST E-League competition was an honour in itself! We were all truly chuffed when Paul stated that "We have some real potential!"

Hearing that comment from Paul was the catalyst each of us needed, to want to progress further in the discipline.

Ever since we established a team, we have all worked hard to develop our skills and maintain a dedicated approach.

The team suffered a slow start, due to our cameraflyer Hin sustaining an injury during our third jump as a team, of which, he was sadly not able to recover from before the competition closed.

Paul had quite rightly warned us that the hardest part of the team gig is trying to maintain consistent players throughout. Thus far... this has indeed been the case! Fortunately, we had several offers for the slot and have since welcomed several camera flyers to our line-up. (Shout out to Oli Morris and Mark Dunne - thanks for stepping in!). Subsequently, the team did contend with a lot of chopping and changing of key members due to incompatible work rosters. However between Val's infinite itinerary of helpful contacts and Paulie's consistent encouragement, it was easy to stay positive and defy the odds. We have been overwhelmed by the offers to help us out whenever in need!

Our last training day before submitting the final jumps was on a Saturday where, thanks to iFly, Tim Kolln sent us an instructor to play with, Dan Manley Catlow. Dan input some coaching with competitors and helped us with camera through the day. And surprise, surprise... at the end of the awesome day he offered us some tunnel time at iFly Gold Coast (Thanks Dan and iFly)! What a great way to end our E-League competition! And so it was, that our team was off to the iFLY tunnel at the Gold Coast to refine our capabilities; with the express intention to step it up and join the competition circuit.



Without warning, yet another delay was to befall us, as on the very day before Fourplay where due to fly out to Brisbane, our full-term teammate Geoff Aitkin had an accident leaving him hospitalised with a broken femur, nose and minor head injuries. (Geoff has since been released from hospital and is expected to recover well).

Thus enters our new team player Stephen Hicks, who, by some feat of a miracle, was able to at the last minute join us and fill the slot; deciding on the very night before our 5am flight to book himself a ticket! First shout out goes to you, mate! We are very much looking forward to what we are going to achieve together!

Further complications arose at the tunnel as Pauly managed to stir an old injury in his shoulder, deeming him unfit to fly with us for much of our tunnel time. Thanks to the ever so enthusiastic Samantha Wardle (Air Goddesses - 7th place Indoor Nationals 2018 4-Way FS A & AA & Aussie Aviators - Competitors in Bodyflight World Challenge 2019) for stepping in and flying as a coach/player. Your input was a huge help. Truly inspiring to experience the professionalism and humbleness of such talented competitors as yourself. Eighty minutes of tunnel-time later and the combination of the coaching and participation of Paul and Samantha, and we were flying tight! Now it was time to take it to the skies! And we couldn't have hoped for a better Drop Zone than that of Skydive Ramblers to do so! Macca and the Crew where exceptionally accommodating. The mood was vibrant and buzzing over the Australia Day weekend, and the loads where running hot!

Here we met Kristina Hicks (Bin Chickens - 3rd place Indoor Nationals 2018) & Alex Cattaneo (White Fish - National Meets contenders 2018 & 2019). These guys kindly volunteered their time to us, filling Paul's slot when needed and inputting some valuable coaching. Whilst at Ramblers we received the results from the Blast E-league competition! We placed 4th in Qld! Hungry for progress and driven by these results, our commitment as a team was at an all-time high!

Our stay at Ramblers was wrapped up by sitting in for a meal at the local, with The Great Claude (F3 not F4), Macca, Ali and Pauly. Macca serenaded us on the piano & Claude spoke and sung of the history of skydiving. What an amazing way to top our initiation training camp!

So through the trials and tribulations that has been the start of Fourplay as a team we have devised a game plan. This year we will be aiming to compete in the Asiana EMAX competition, QLD State Meet and BLAST E-League again (if there is one?). We hope to bring some serious competition to the Nationals in 2020! Either way we are determined to continue to keep the flat scene alive and stay strong as a team!

The hardest part thus far has been wondering how we could possibly show our gratitude and thanks enough for all the support we have received already. So here it is (in no particular order)...

The people keeping the Flat Scene alive and those who have helped us in whatever way possible.

Paul Osborne - Fourplay Coach/ Player - Life Coach - Your belief in us is all the encouragement we could hope for! We will not let you down!

David McEvoy (Macca/Bald Eagle 1) - Accommodation - Camera Slots - Use of the plane, DZ & facilities - keeping sports and fun jumping alive!



Photo: Karen McEvoy

The Crew at Skydive Ramblers for your hospitality and facilitation.

Claude - Can not ever thank you enough for everything we have and the sport/industry you have founded. The legacy you have left us is eternal!

Valerie Schmied - One of the Organisers of the Queensland BLAST E-League Competition 2018 - Coaching Teams - Whitefish National Meet contenders 2018 & 2019 - A Mother/Sister/Friend/Life Coach and all out encourager of all things skydiving!

Samantha Wardle - Co-coaching and Filling Pauly's slots in the tunnel! Pushing to amalgamate tunnel and sky!

Kong Wing Hin - Camera for Qld BLAST E-League jumps at Innisfail (Hope to jump with you again soon!)

Oli Morris- Camera at Toogs

Kristina Hicks & Alex Cattaneo (another organiser of Qld BLAST E-League) - For your input and jumps! Wonderful to jump with you both!

James Lehman - For the generous donation of your REL suit!
Tim Kolln - Organising us a coach for the BLAST weekend!
Making things happen for us up here in NQ!

Phil Onis - Innisfail DZ (Home ground) - Hosting event - Staffing event - Facilitating and supporting fun jumpers - Most of our team where born as Skydivers at your Dropy!

Dan Catlow - iFly Instructor - Coach for BLAST Weekend in Innisfail - Co-ordinating of our tunnel camp - Pushing to amalgamate tunnel and sky!

Ben Nordkamp - Your input has been helpful! - Your ongoing contribution to the industry is commendable! (Thanks for the booty power!)

NQPC and the APF for supporting the Qld Blast E-league, with camera slots, coach slots and events throughout half of the year!

We look forward to seeing you all on the circuit!

Personally I would like to thank Fourplay!

Paul Osborne (Pauly)

Anna Mueller (Anna-Conda)

Geoff Aickin (Godfrey) (Can't wait to have you back with us!)

Stephen Hicks (Coconut Steve)

We will have triumph and we will have losses along the way... but importantly... we shall go through them together!

SA SKYDIVING

ALL LEVELS CANOPY COURSE

OVER THE WEEKEND OF 23/24 MARCH SA SKYDIVING PLAYED HOST TO THE MAGIC THAT IS A JULES MCCONNELL CANOPY COURSE. JULES NEEDS NO INTRODUCTION, TRUSTED BY THE APF AS ONE OF AUSTRALIA'S BEST, DELIVERING CANOPY COURSES AND THE TRAIN THE TRAINER PROGRAM ALL AROUND THE COUNTRY.

This event was supported by the APF, the South Australian Parachute Council and the South Australian Sports Parachute Club.

With a good influx of new jumpers since Jules' last course at our Langhorne Creek drop zone, the course was booked out weeks ahead, with 15 participants over two days. Experience was well varied on the course, with some jumpers maximising their learning early with less than 30 jumps, others working on more advanced techniques and high performance landings with over 1,000 jumps.

After worn out closing loops, tattered pull ups and an old Stiletto canopy were burned, as sacrifices to the weather gods, we were blessed with almost perfect conditions, at least for the Saturday. Crystal skies and nil wind had the course participants chomping at risers and ready to learn. After an early morning brief, which included setting goals for each jumper, the Cessna 206 prop roared into action and two back to back groups took to the skies. Loads ran all day Saturday with the participants all making great progress.

It was great to see Kate Furness back in the harness after a short hiatus, delivering some very confident landings, and encouraging to see Alex Hanka progressing fast with some expert advice on his new loaded Crossfire 3. Tiarne Easley sought advice on downsizing, successfully demonstrating textbook landings on a Sabre2 150. Everyone always says do a canopy course before downsizing, but how many do? 'Onya Tiarne, looking solid!

Saturday evening saw two loads back to back in an action-packed Swoop'n'Chug. The Swoop'n'Chug was part of the SA Skydiving Foosball World Cup organised by Josh Haffer and the beers were sponsored by Icarus by NZ Aerosports - thanks to the legend of JYRO and the team at NZA for their continual support of all things canopy and beer.

The swoop 'n'chug was contended by twelve participants.

The winner Brad Anderson taking out the chug in a time of under five seconds! The top three winners of the swoop and chug scored bonus

goals to use tactically in the Foosball World Cup, held that night. Perhaps the most stylish swoop and chug was by Jed Smith, coming in hot and collecting girlfriend and swoop 'n'chug partner, Jay Fitz, in an "affectionate, high impact" hug, spilling half the beer all over both of them before downing the rest.

After the festivities of the Foosball World Cup wound down on Saturday night, Sunday morning course participants were straight into it bright and early on Sunday. Sunday saw some new course participants who took full advantage of a good morning brief and a few jumps.

There was again some great progression, with plenty of learning around canopy inputs and weather conditions and their influence on parachute flight. This learning about weather was soon put into practice as sacrifices to the weather gods ran out of power and a hot, turbulent northerly grounded the operation.

Jules continued with seminars and detailed debriefs after jumping stopped.

Thanks Jules for making the trip and imparting some much of your knowledge and experience in what was a very successful course. We look forward to the next one.



FOOSBALL WORLD CUP

By Josh Haffer

11:30PM, 23RD FEB, SA SKYDIVING, LANGHORNE CREEK

IT'S DARK. THE AIR IS TENSE. BROWS SWEAT WITH CONCENTRATION AND THE WHOLE DROP ZONE HOLDS ITS COLLECTIVE BREATH. A SHOT RINGS OUT THROUGH THE NIGHT AND IT'S ALL OVER. THAT WAS THE PRECURSOR... ONLY ONE WAS EVER GOING TO SURVIVE.

Disbelief turns to realisation, which turns to a cry of adulation. A piano arpeggio fades in through the PA accompanied by a tender voice. *I've paid my dues.* It's the one and only Freddie Mercury. *Time after time.* The room is truly electric now, the onlookers cheering, one half of the table hugging each other in celebration, the other side with their pants down in shame. After a long day and a long night, a victor is decided. A champion is crowned. The 2019 UPT Foosball World Cup is concluded.

And Freddie's voice rises as it commends them. *WE ARE THE CHAMPIONS,* he sings, with a bohemian gutful of emotion.

EARLIER THAT DAY...

It was a 6:00am start for the first early birds leaping their way into a sunrise, and a 7:00am debrief for those spending their day with the one and only Jules McConnel, as she imparted us with volumes of canopy wisdom.

Much like Freddie, Jules is fabulous, knows how to party, and is an absolute master of her craft. Her every word was taken in and processed as we listened, learned, jumped and learned some more, every individual pushing themselves to get just a little bit more out of their wing with each jump.

Although a little on the warm side perhaps, conditions were just about perfect. The wind started slowly, picking up to 10



odd knots throughout the better part of the day. The sun shone bright, and those highly coveted blue skies were clear and cloudless as we were offered the best of a summer day before the coming heatwave really kicked in. And Jules didn't miss a beat as she coached

a dozen of us through our individual canopy journeys.

There was something else palpable in the air: the coming competition brewing. Mid-afternoon the teams were drawn - twelve teams forged from twenty-four competitors, with representation from all of SA's major DZs. The top movers and shakers were paired with the least experienced foosballers for an all-inclusive scrambles competition that no-one could predict. True competition at its best, sponsored by UPT Vector 3 who had an awesome give-away in store for us.

THE BONUS POINTS SWOOP 'N' CHUG

As the evening drew closer, the winds picked up a little, but we had one more trick up our skydiving sleeve: an Icarus Canopies sponsored Swoop 'n' Chug to determine who entered the coming comp with an extra edge. Swoop City of course, is not an actual place, nor a wind reading, but a state of mind - a place that exists on the inside, in the heart of every skydiver. So, channelling this energy up we went, and down we came, one swoop at a time.

It was old-timer Brad Anderson, recently minted with a fourth digit to his jump numbers who showed the young'uns how it's done with his eight second effort, although as he wasn't foosballing it was Jon McGregor, base jumper and wingsuit extraordinaire, who earned the competitive edge, a mere half a second off the mark.

AND SO IT BEGINS...

It was drawing nigh on business time. The wood oven was lit and a flicker turned into a flame, turned into a fire and into a feast. Over 40 exquisite pizzas were cranked out by our (non-skydiving) chefs Dom Hotich and Hugh Gockowiak, who wanted only to join in the fun and start a squirrel fund towards their own tandem jumps: A noble and delicious cause.

The group stages began. Twelve teams played across four tables and were whittled to eight, albeit not without a few near misses. For some, a lone goal was the difference between a quarter final berth and elimination.

Like any fierce and tight competition, it was easily turned on its head on a whim. It was Lauren Hatcher and Dale Hooper who qualified in the group stages as number one yet bowed out of the first quarter against Nic Fleet and Madi Wells who had scraped through the group stages on goal difference alone. Our youngest competitor, nine-year-old Harry Anderson, was not to be underestimated as he and teammate Alex Hanka pushed would be finalists to within a single goal before an eleventh hour rebound got the better of them. The victors, Vernon Wells and Jon McGregor, whose group stage had been aided by bonus points from the Swoop 'n' Chug win, progressed from this to meet and beat Jed Smith and Shaun Henderson in another heated match. Our talented chefs Dom and Hugh jumped from pizzas to foosball, moving from a canter to a trot as they earned a semi-final against Nic and Madi and, really finding their stride, they won that to gallop into the final. It was all on the line now.

AND SO IT ENDS...

The first half of the final was neck and neck. Bets had been placed. Now we held our breaths and watched. Jon and Vernon were undefeated. But it was the pizza boys who were the dark horse. No-one had seen them coming, but now they were hard to ignore as they reared their equine head and edged into a lead through the back half of the game.

Maybe it was a chemistry forged in a furnace of burning logs and pizza prep... whatever it was they were a force to be reckoned with, as the pro held down the backline and the rookie in attack played out of his skin. A resounding strike took them to a 9-7 lead. *Match point* was the cry. *Tournament point.*

This was it, tensions were high. Shots were taken, deflected, defended. No one was gaining an inch. The pressure was on. And through the cluster and the chaos came a stillness, a hovering question mark over the fate of the tournament. Then a pistol whip crack, a precision shot to seal the deal, the little plastic ball soaring past the little plastic keeper to find the back of the net. The pizza chefs had done it. They came, they cooked, they conquered. Cue Freddie, tequila, and a few extra games for those unsettled scores...

A massive thanks to our official tournament sponsors Vector 3 by UPT and Icarus Canopies by NZ Aerosports for supporting our inaugural competition. Next stop, 2020!



ANNOUNCEMENT

Fun Fact:

In 1893
New Zealand
was the first
country in which
women received
the right to vote.
Australia was
next in 1902.

PROJECT 19

Women's Vertical World Record

By Amy Chmelecki Photos by Norman Kent

TO CELEBRATE THE WOMEN'S SUFFRAGE MOVEMENT THAT SWEEPED THE GLOBE IN THE EARLY 1900S, THE WOMEN'S SKYDIVING NETWORK WILL BE FULLY SPONSORING A WOMEN'S VERTICAL WORLD RECORD 100-WAY ON THE 100TH ANNIVERSARY OF THE 19TH AMENDMENT TO THE U.S. CONSTITUTION. THE 19TH AMENDMENT PROVIDES WOMEN AND MEN WITH EQUAL VOTING RIGHTS.

The mission of Project 19 is to encourage women worldwide to dream big and live a brave life. This newsworthy storyline will be highlighting the talent and abilities of female skydivers. We plan to raise awareness to the general public of the fun, challenge, athleticism and excitement surrounding our sport, with the ultimate intent of recruiting more women to it.

Project 19 is scheduled for the summer of 2020 at Skydive Chicago. With over a year between now and the record attempts, new Vertical Big-Way flyers have plenty of time to train.

Record organisers have broken down the training timeline for Project 19 into four phases. Phase I is Basic Training which will be run by Regional Captains in various local areas around the world. Phase II is Advanced Training run by Project 19 Organisers in larger groups at key locations. Phase III is the selection phase, ie. Tryout

Camps. Phase IV is the Record Attempts. This breakdown serves as a step by step training guide for flyers interested in participating in the record attempts.

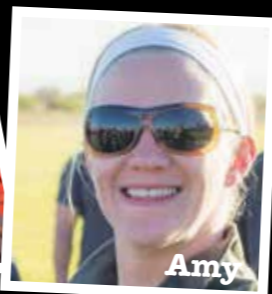
Regional Captains Sonnica Van Zijl and Jill Grantham will be working with the record organisers to help get the Aussie chicks get record-ready.

As mentioned above the Women's Skydiving Network (WSN) will be sponsoring the event by paying for all the 100-Way jumps, support team (bench) jumps and registration fees.

Contact amychmelecki@hotmail.com and/or Sara@azarsenal.com for more information.



Sara



Amy

This record will be a 36% increase from the last record. We are calling on **ALL FEMALE FREEFLYERS** to help us celebrate brave women from our history by being **BRAVE WOMEN THAT CREATE HISTORY.**

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Give The Best

Compiled by the APF at ASM deadline time.

CERTIFICATE 'A'	SIAN ALMOND TARUN ANAND AINA BJORK CHRISTOPHER BLUNKS TOM BROCKLEY LANCE BROUGHTON CARLY BROWN NATHAN BRYANT MICHAEL BRYEN SHANE BUCKLAND IACOPO CARPENTIERI LEONARDO CARTEI CORY CASSELL CHRISTOPHER CAVANAGH LUCY CLACHER ANDREW CLAMP ROBERT CLARK CHRIS CLARK OLIVER DERHAM TOM DO NOT USEBROCKLEY CARRIE EAMES ROBIN EBERLE OKAN ERCIKA TRISTAN EVANS DEAN EVEZARD MATT FALLOON MAX FAN TIM FAWZY NICK FISHER KALLAN FITZCLARENCE SEBASTIAN FRENCH TERRY FREY MATT GODFREY LACHLAN GOLD TOMMY GOLSBY-SMITH ASHLINN GORMAN CHRISTOPHER GRAHAM DAVID GRUENIG JEAN GUEGUEN ALISTAIR HARKNESS NORIIHIRO HAYASHI ERIQ HARMEN JAMES HINCH KWOK LUN HO JACK HODGE BRADEN HUDSON KURTLY JAMIESON DANIEL JAMIESON FIONA JANSEN KERRY JENKINS KIMBERLY JOSHI MAXENCE JUICHI JONO KENNEWELL DUK SIK KIM SAM LANE SEUNGHYUN LEE JUN-TING LIN DANIIL LUNEV GINA MAHNKOPP DEAN MAIDEN MAX MALONE JAMES MANSFIELD SCOTT MARSHALL JOSHUA MCCORMICK MATTHEW MCINNES JORDAN MILNE CHO MINCHUL TOBY MINNS ADAM MORRIS HELEN MOUTZOURAS TUAN NGUYEN HAYDEN O'CALLAGHAN SIMON PENE KIEREN PERKINS SAMMY POINTER MICHAEL POLYAKOV JAMIE PRATT DAVID PURVES	MATTHEW RANKEN GREGGORY REIDELBACH JACOB RIGLIN WILLIAM RIMMER PAULO RITTER NETO SIMON RUEDA ANDRE SANTOS MELISSA SATTERLEY LOGAN SAVAGE THOMAS SAWYER JOSHUA SIXT JAMES SMITH MARTIN SOLARSKI CORY SONG JINLUN SOUTER IZAYA SOUTER KELLAN STARKIE PAUL SWIFT MATHEW SYMONDS LONG TANG SONNY TILBURY ALEX TRANTER ROXANE VICHOT TAMARA VUJADINOVIC CHRISTOPH WAEFFLER QUINN WHITLOCK AARON WOOD GRACE WRIGHT BRUNO YOUNG BORGES	GIACOMO BRICHESE CATHERINE BROWN DARREN BUNDY BRIDGET BURT DAVE COETSEE WARREN DAVIES CRAIG EDWARDS CINDY EINENKEL PATRICIA ENG ANA GOMES MICK GRIBBIN ALEXANDRIA HAHLEWEG HEATH HATELEY CASEY MAYALL ROI MIRON DEANNA NAEGELE NICOLE NAVARRO OSUNA BECCA PERIC ISRAEL POSADA CAMERON PUTTEE CODY RICHARDSON MARCIN RUCINSKI ETIENNE SIMARD RENEE STOKES HORACE SUNG RANDY THOMAS RILEY TOPPING JANE TSAI RYAN-CRAIG TURNER BRENTON TURNER ELIOS VOUDOUKIS ISAAC WARDLE OWEN WELSH FRITS WERNERI SIMON WRIGHT	DOUGLAS COUGHLIN PAUL-HENRY DE BAERE GIEDRE DOMZAITTE DAVID DUCASSE DANIEL EGAN MATT ELLIOTT JUSTIN FRASER RAPHAEL HECT PATRICK KAYE JOHANNES MEIER BRI MO MORGAN JONNO POST ALEX SANDEMAN JAMES STAVRO MITCHELL WARNER DITTE WINTHER ROBERT WYLIE	CERTIFICATE 'B'	BRAD ANDERSON RENE BAARS JAYKE WALTERS	STAR CREST	PETER WRIGHT LUCY ABBEY DANIEL AHERN PATRICK BOYLE CATHERINE BROWN HANS BUHRKALL BRIDGET BURT MITCHELL CAMPBELL ATAWHAI CHARTERIS DOUGLAS COUGHLIN PAUL-HENRY DE BAERE JOSHUA DE FREITAS DAVID DUCASSE PATRICIA ENG BEN GINGOLD ANA GOMES BRUNO GONTIJO MICK GRIBBIN ALEXANDRIA HAHLEWEG JOSHUA HAWKINS RAPHAEL HECT JOHN HILLAM DEAN JOSEPH PATRICK KAYE DAVID KNOFF NICOLE LEWIS CRAIG LEWIS SAM MASSEY CASEY MAYALL GRANT MCNULTY TOM NOONAN LUCINDA RANDALL ROWAN SALGER LIAM SMITH MICHAEL STREET JANE TSAI SALOMON VOORHOEUE ELIOS VOUDOUKIS DITTE WINTHER ROBERT WYLIE ZEE ZARUBIN	NIGHT STAR CREST	PETER ALLUM	CAMPY CREST	PETER ALLUM	WINGSUIT CREST	TONY BAI JULIAN BYLHOUWER BENOIT FOULON BRAD GUNSON ARTOUR KOLESNIKOV JOHANNES MEIER DANIEL ROWEN MICHAEL STREET JOSHUA WOZNIAC	FREEFLY CREST HEAD UP	NATISHA DINGLE PETER ALLUM BLAKE ARDLEY STU BARTON JASON BISHOP JAKE BLACKBURN THOM BOEHM DANNY BOGA DAVID BONNICI STEVEN BOWERMAN BROWNE BROWNE HANS BUHRKALL RODRIGO CAMACHO DE FRIAS TRINITY CARSON GIEDRE DOMZAITTE MICHAEL DREW MITCH DRUCE DAVID DUCASSE MATT ELLIOTT ANA GOMES ARTOUR KOLESNIKOV NINA KROHMER NICOLE LEWIS CRAIG LEWIS GRANT MCNULTY JORDAN MICHALOV SAM MICHELL DEANNA NAEGELE SCOTT PATERSON RICHARD PHILLIPS MATTHEW RIGBY JANA SARAUEROVA ROBERT SPINK MARLEY STANEK CHRIS TODD GEORGE TOLLEY ALEXANDRA TOMASI ADRIAN WEIR MICHAEL WILLIAMS DITTE WINTHER ROBERT WYLIE	FREEFLY COACH	DIMITRI DIDENKO MATT DREW DOMINIC MARCH ADRIAN URACZ RYAN WEATHERLEY	WINGSUIT COACH	ALEX SANDEMAN	HIGH PERFORMANCE ANOPY COACH	CAMERON JARRETT JESSE WARREN	INSTRUCTOR	ADAM DIAMOND CIPRIAN GHERASIM ANDREW GROMEK TOM NOONAN ALEXANDRE OHNO DA CRUZ JAMES STAVRO	SENIOR INSTRUCTOR	JASON MCGREGOR	ENDORSEMENT AFF	MARLEY NOLAN-DUNCAN	ENDORSEMENT TANDEM	TARA BRADLEY CIPRIAN GHERASIM TOM NOONAN ALEXANDRE OHNO DA CRUZ CHRIS RAWLE WILL ROSNER JAMES STAVRO	ENDORSEMENT DZSO	BRENT WOODMANSEE	ENDORSEMENTN COURSE TRAINER	REBECCA AVISON WARD CLEMENTS	JUMP PILOT AUTHORISATION	JOSHUA HATCHER SCOTT CLARKE RAFFAELE ACQUARO MATTHEW BARNES CHRISTOPHER BRICK REGAN CHRISTOPHER ALEXANDER HARRAWAY JOSHUA HARRAWAY HARRY HAWKINS PETE JOWETT DANIEL KOCH BRIAN KORNG JAMES KOSITCN STEWART LUMSDEN MATTHEW NORRIS SIMON ODILUM DAVID SAWERS JONATHAN SODEMAN JACK TURNER
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