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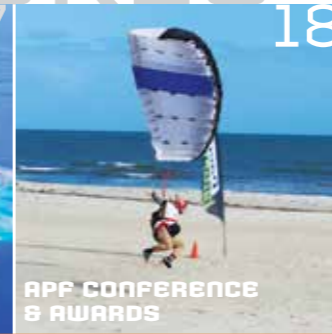
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FEATURES



CLOUD BREAK



APF CONFERENCE & AWARDS



FOCUS PROGRAM



FUNNY FARM

EDITORIAL

It has felt **refreshing** working on this issue as there are a few more technical and thought-provoking articles than usual – Steve Smith has outlined Canopy Collision Decisions (page 58), the APF Code of Ethics have been questioned (page 46) and further to Jed Smith's Elephant in the Room article last issue, Kelly Brennan has given us more to think about (page 50).

Using the word **“breathtaking”** for skydiving photos is a little bit cliché, but take a look at Kian Bullock's visuals from the Fiji Boogie and tell me they don't make you **jealous** too! The Funny Farm always delivers – this year with a keg and “Theresa” gracing our cover, Coomsey would be **proud** that these crazy fun objects are still being lobbed out.

The pages from the APF Awards and On the Air are a **taste** of the who's who – from Shane Onis making 600 jumps already through to Jonny Mac clocking up 24,000 jumps, Macca celebrating his 50th anniversary and Roger Clifton on more POPS, SOS and JOS records – it seems the name of his skydiving game is to start early and keep on jumping.

Thanks to all you **fabulous** contributors and photographers for making this mag another ripper. For next issue, change your cameras to Stills every now and then, and send in your happy snaps. We want to see your smiling faces having fun.

Don't forget the ASM is online, you can **view** every magazine from Issue 44. Send the link to your family and friends, **share** the love. Just go to the “Online Mags” button at www.skydiver.com.au

Susie EDITOR

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FRONT COVER



Tim Goldsby-Smith docking on “Theresa” with Kim “Scatty” Hopwood looking on, over the Funny Farm, Westmar.
Photographer: Keith Creedy of www.gndgrounded.com

BACK COVER



Aussie jumpers shredding it over Fiji.
Photographer: Kian Bullock

[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 87**
Deadline 25th Aug, 2017
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- Issue 88**
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Photos submitted will be returned if supplied with a self-addressed stamped envelope.

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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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direction

CHANGES TO THE SPORTING CODE

The new 2017 Sporting Code and Dive Pool documents are available on the APF website for download.

The major Sporting Code changes in 2017 are in the 4-way Formation Skydiving events. We now have 4-way competition classes that cover the entire range of skill and ability levels from the end of your B-Rels, to World Champions. At the national level, all 4FS events are a ten-round competition.

New Blast Category

Blast was introduced at last year's Nationals. This is the class for the beginners in Formation skydiving competition at the grass roots, or jumpers who just want to enter a casual competition. All sixteen Random formations are used, and no Blocks. If you've finished your B-Rel #6 jumps, you're at Blast level.

Intermediate Replaced

Two new competition levels have now replaced what was Intermediate:

The A Class is the next step up after learning the basics of 4-way competition in the Rookie Class. The A Class applies the following eight blocks of the IPC dive pool: 2, 4, 6, 7, 8, 9, 19, 21. The sequence can be three or four formations long. This is basically the same as the Australian Intermediate class, except we had a limit of four or five formations length.

The AA Class is the next step for teams and competitors who have mastered the Rookie Class and the A Class. Eight additional blocks (1, 11, 13, 14, 15, 18, 20, 22) are added to the A Class. This is basically the entire Dive Pool, without the blocks that create mirror images and slot changes (3 – Side Flake Opal/Turf, 5 – Opal/Opal, 10 – Diamond/Bunyip, 12 – Bundy/Bundy, 16 – Compressed Accordion/Box, 17 – Danish T/Murphy). The jump length is four to five formations.

Open Renamed

AAA class is Open. The entire IPC Dive Pool is used, and the jump length is five to six formations. There is no change for Open/AAA competitors, who are still competing under the current World Meet conditions.

Why did we do this?

This change has been a long time coming, and our Aussie Intermediate served us well for years. In Australia, we have always been leaders in creating competition for junior players, and our 4-Way Intermediate competition was one of the first in the world to give an easier entry into, and provide a training ground for, 4FS competition. With these changes, we are hoping to see more 4FS competition. Many countries *only* had (and still only have!) IPC level 4FS and 8FS competitions. Imagine seeing a dive with Opal/Opal, Danish Tee/Murphy, Compressed Accordion/Box as Round 1 in your first ever competition!

A little daunting! So we now have four competition levels to make the learning of the Divepool and rules more progressive, and less challenging.

Pick Your Competition!

You can now be able to pick your level of competition, and have a good time competing with your peers, at a similar level. These new levels of competition are going to be available at National Championships, and also at the State and local drop zone level. Whether they are run at State Meets/Nationals or not will probably rely on entry numbers, so get a team together and enter! The best way to improve your skydiving is to enter competition and do some coached training. You will be stunned at your improvement, as compared to just doing the same number of fun jumps with your mates.

There are now no rules covering who can enter which competitions. This was quite a point of discussion, and the general thought was that with tunnels becoming more common in Aussie (even Victoria should have one running one day!), there is no way to measure or regulate skill levels, so we have left it open for self/peer regulation (much like Canopy Piloting, where you choose your level of competition once you have qualified). This has only been abused a few times in CP by competitors staying at the Intermediate level when they should have ascended to the Open competition...and all the competitors from that time remember who it was – Don't be that guy! Be a sportsman, and challenge yourself. If self/peer regulation doesn't work, we'll have to form some regulations.

Changes in Other Disciplines

Open 4VFS: The Dive Pool has been expanded (two new Randoms, and five new Blocks) to be the same size as the 4FS pool, now having sixteen Randoms and 22 Blocks, enabling a ten-round competition without repetition, so that is now our Aussie format as well. VFS has been combined with the other FS competitions, with the same basic rules. This change was made last year at the IPC level.

Wingsuiting competitions have had the Wingsuiting Artistic and Performance competitions combined into one section, with one set of common rules.

Canopy Piloting: Zone Accuracy values have been slightly tweaked, and the Centre Zone box is now one metre wide by two metres deep, as it was too easy to drag all the water and stand up in the box! A new one metre wide zone each side of the C.Z. has been created, with a 48 point value. For Intermediate, all three zones are worth 50 points. There have been no other changes for Intermediate CP.

Speed Skydiving has been updated, and we are following the IPC format entirely.

Artistic events: Freestyle Compulsory routines have been tweaked (again, as they seem to be every year!), and your Free routines must now be provided to the judges before the start of competition. Descriptions and difficulty values have been changed for routines.

As always, if you're a competitor, get the latest Sporting Code and Dive Pool documents from the APF website, and get familiar with your competition rules – Round 1 isn't the time to be sorting out what your rules are...

See you all on a podium somewhere soon!

By Craig "Crash" Bennett,
APF Director Competitions



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CLOUD BREAK FIJI

27 May – 3 June 2017

Temperature: Brisbane 19°C Sydney 17°C Melbourne 15°C Malolo Lai Lai 30°C

ALOHA! HANG ON, THAT'S NOT RIGHT. BULA! THE FIJIAN GREETING COMBINED WITH GUITARS, UKULELES, AND HARMONISED SINGING GREETED US AS WE STEPPED OFF THE PLANE AND INTO THE TROPICAL HEAT AT NADI AIRPORT. AS THE AUSTRALIAN WINTER KICKED IN, 100 EAGER SKYDIVERS TRAVELLED FROM FAR AND WIDE TO CREATE A SPECTACLE IN THE FIJIAN SKIES IN A WEEK-LONG EPIC SKYDIVING EVENT.

Paddy and I, accompanied by Hayden Galvin, arrived a few days early to setup. As we took the ferry from the mainland over to Malolo Lai Lai Island, we kicked back and enjoyed our first Fijian sunset. Stunning.

Bula! Again, we were greeted by song and were each adorned with shell necklaces presented by the staff of the Plantation Island Resort. The island that would be home to skydivers for the next week was a tropical paradise. Were these people ready for us?!

Two days before the Boogie began, as the 6pm ferry came in to dock, I thought to myself, who are the two idiots in bright blue Fijian shirts? Yes! The boys are here, Irish and Keithy, in full troppo-party-Boogie mode. Arriving in style, true to form. I got to hang out with the comical duo for the whole week. I know girls, pretty lucky, right? That's until they make your ears bleed with a nightly rendition of Adele's "Hello".

The Boogie began on Saturday morning with the arrival of the Super Caravan from Picton. Our pilot of choice, Chris Kokot, was happy to arrive after spending the night held by customs in Nadi while they picked the plane's contents apart. Having found nothing untoward, they sent him on his merry way.

It didn't take long for the event to get into full swing, with Freely coaches Mason Corby, Keith Grealy and Matt Boag winning the race to Load one. They were closely followed by International Freely Superstar, Domi Kiger, who, to discern the beauty of the island on her first jump, took a big group of freefliers for a flat jump. Yes, flat. Dave Loncasty almost filled the plane for load three with keen flatties taking to the skies, and two of the most talented wingsuit coaches around, Scotty Paterson and Michael 'Woody' Smart from Scotty & Woody's school of wingsuiting, made everyone jealous as they took a group of avid wingsuiters for a flock over the idyllic Fijian island; making the most of their extra freefall time absorbing the breathtaking views.



By Tracy Scott
Photos by Kian Bullock and Matt Boag

CLOUD BREAK FIJI



NZ Aerosports sent over the talented Welsh Wonder, Chris Brook, after surviving a weird tropical illness (let's call it Bula-phobia) that had him bedridden for two whole days before the event. He was on hand to film and debrief landings, coach canopy skills, take intermittent naps, run some outside camera, drink copious amounts of tea (you sure you're not English, brah?), and organise canopy flocks. I know the list makes him sound as if he was really busy but don't be fooled.

After checking my emails around midday, I received the news that Freely coach, Jill Grantham, one of the prettiest, smartest, most organised people I know would not be with us until at least Monday due to an issue with her passport expiry date. Please note everyone, the expiry date on your passport has an expiry date. Yeah, figure that one out. Not to worry Jill, you are still pretty~.

The guy who deserves an ASM article for himself, who really stepped up and contributed so much to the event was Hayden Galvin. Being short a coach was not an ideal situation, but Hayden offered to help out, and, due to popular demand, continued coaching even after Jill arrived. Massive thanks Hayden, you big legend. Also the shredder and genius behind the imminent Dekunu Smart-Alt, Brent Chandler; swoop master, Ryan Dudderidge; and the multi-talented moose herself, Mariska Folley, all volunteered their coaching skills throughout the event. Huge thanks. You all rock.

As day one came to an end, everyone was high on life, making me jealous at manifest as they talked about the spectacular views from height.

We had setup a manifest making use of the resorts' golf course. The facilities were much better than I had expected and we had our own Fijian staff taking care of us, Billy Boy and Matt, who were both hilarious and truly enjoyed hanging out with us for the week.

Irish, Cindi and Phil were all official DZSOs at the event and had their work cut out for them. Keeping everyone in line when the froth factor is super high is no easy task. Irish gave safety talks each night, more than proving his worth for his recent achievement of Instructor A; congrats mate. Mason, Domi and Boagsy all got on board with planned seminars throughout the week, imparting their wealth of knowledge on all to hear.

As the week wore on, the jumps seemed to get better and better with lots of mixed discipline loads happening. An 'In-Hop' was organised onto a small island nearby. The load did a canopy flock, landing on a beautiful beach near a surf competition that was happening before hitting the bar and drinking beers and swimming. There are worse ways to spend an afternoon.

Each day of jumping would come to an end with everyone gathering together to enjoy the best thing to come out of Ireland since the invention of Guinness, the one and only, Peter 'Irish' Sutton. His MC hilarity had us in stitches before handing over to Paddy who spent every day and early evening filtering through the footage to create incredible day tapes, as well as orchestrating skits and taking care of all social media. You're a legend Paddy. Irish came up with some hilarious games for participants with a chance to win a prize from one of our many sponsors throughout the



event. Main prizes were saved for the last night to be doled out to the biggest Fiji Frothers. iFly ran a photo competition throughout the event, so many amazing photos, both from the air and on the ground, were uploaded to Facebook with the hashtag #iflyinjfi. Kian Bullock's photographic genius was displayed throughout the event. Having worked with Kian at Funny Farm this year, I knew he would not fail to impress and he managed to deliver hundreds of amazing shots before posting the album on Facebook for all to see. Thanks heaps Ki! If anyone is looking for camera for their next event, Kian is your man.

Some notable achievements were accomplished among which, Mariska Folley reached her 500th jump, Angus Sellen did his 800th, and Maria Dmitrienko got to a massive 1,200th! One unlucky guy managed to get part of his manhood stuck in the sharp unforgiving metal teeth of his jumpsuit zipper. He shall be left unnamed, but I just had to give him a mention. Sorry if I missed anyone guys, it's hard to keep track of everyone shredding when you have Keith Greal performing semi-professional provocative dances for you daily, Yowza.

The event proved a successful one with most people using up their thirty tickets that they got with registration (except Dingo, who used ten! But between himself and Tracey Chops, they kept us entertained in the official "drinking area" – legends). Party night was epic. A big bonfire (thanks to the very resourceful Mason) on a secluded beach, music, and lots of alcohol; so good.

Cloudbreak Boogie was an idea conceived by Phil Onis and the late legend Jyro. We wish you had been here to see it Jyro, though I'm not sure we would be welcomed back after party night!

This event would not have happened if it wasn't for the Godfather of Australian skydiving himself, Phil Onis. Many people came to me and asked, knowing he would likely lose money, "why has Phil organised this event?" Well guys, the answer is simple and it is the same reason that you attend skydiving events. Because he loves skydiving and wants to see the sport progress. The man is nothing short of a legend. Showing their big hearts, Phil and Cindi organised for people to bring donated clothes and other items to give to the villagers of Solevu who lost so much in the recent cyclone Winston. Make sure, if you see Phil hanging around the drop zone at Picton, you shout him a beer. He gives us so much for little or no return. Thank you Phil.

A massive thanks to all our sponsors. The APF who always support events with generous funding, making it possible to get the best coaches involved. The NQPC who funded some coaching slots; and in no particular order, Sydney Skydivers, Matt Boag, LVN, Dekunu, NZ Aerosports, Manifest Cloud, iFly, Aerodyne, Deem Flywear, Vertical Suits, Cypress, Para-Gear, Cookie, Chute First and UPT.

To all of the staff and coaches who helped make this an epic event, Phil, Cindi, Irish, Paddy, Pilot Chris, Mason, Keithy, Boagsy, Jill, Hayden, Domi, Chris Brook (Bula), Dave, Woody and Scotty, thank you.



CLOUD BREAK FIJI

By Jill Grantham

Cloudbreak Boogie 2017 was the event that dreams are made of. Actually, it was even more epic than I could have dreamed. The beautiful back drop of the Fijian island, with the perfect blue water that seemed to be simultaneously every colour blue all at the same time. There were idyllic beaches on all sides of the island and the runway was nestled in between two island resorts. It was perfect summer weather, not too cold and not too hot, in June! The drop zone landing area was the 5th and 11th hole of the Plantation Island golf course, ensuring smooth landings. Am I in a veritable paradise?

Well that's how I would have felt, if I had made it there. Apparently, there is some rule about needing more than six-months validity on your passport that isn't open to interpretation or sweet talking at customs. Even though I mounted two exceptional arguments: One. A passport is not a bottle of milk, and should have an expiry date, not a best before date that is six months before the expiry. Not buying my lactose related reasoning, I tried argument number two. What if I am a diplomat and really need to get there? Worryingly, that one got a better reaction and they obliged to tell me how to skip all the queues and checks. Once the passport office opened on Monday, I had a passport in a few hours and was on the plane that night. Only four days late, I joined the crew in island paradise.

Sydney Skydivers had brought over their top crew of Paddy, Phil, Cindy, and Chris the legendary pilot with his awesome



flying machine. Tracy Scott was the mastermind and visionary behind the event and man she deserves a medal for the effort that went into making this event successful and happening in the first place. Peter 'Irish' Sutton was DZSO extraordinaire by day and professional smartarse, or 'MC' as he prefers to be described, by night.

The Coaching team was stacked.

Wingsuiting was Scotty Patterson and Michael 'Woody' Smart from Scotty and Woody's School of Wingsuiting. hilariously, turns out most of the wingsuiters who signed up were too scared about landing in the water so didn't bring their suits. A few die-hards braved the elements and put on their flotation and took advantage of the amazing opportunity to fly with the boys with insane progression. Jonah Hertan pretty much became an awesome wingsuit shredder in one short week after lapping up everything the coaches were offering. Too bad he doesn't know how to eat a mandarin, never mind. With their lighter than anticipated coaching load, Woody and Scotty were mixing with the freeflyers and flat flyers alike as Woody tested out his epic new camera. Slow-mo, yeah! This cross-pollination led to some of the most epic wingsuit rodeos I have ever seen with two rodeos side-by-side and multiple docked backflyers.

Dave Longcasty was showing the flatties how it's done, including some pretty awesome first load hybrids. He even had a crack at some freeflying himself, with none other

than world champion, Domi Kiger. Chris Brook from NZ Aerosports, in between naps and cups of tea, was available for canopy coaching and camera flying.

Freeflying was the discipline of the day, and why wouldn't it be with five coaches! French legend, Domi Kiger, must have found herself in Fiji after having gotten lost on her way to buy some cheese. Along with Aussie Shredders, Keith Grealy, Mason Corby (Downunder Dynamics), Matt Boag from Australia iFly, and me (not a shredder but I was standing close to some so it rubbed off a little... I'm hoping). Also, while I was learning the passport validity lesson, Hayden Galvin stepped up and filled my sparkly rainbow shoes until I arrived. Everyone was kind enough not to point out they preferred him when I did finally make it.

There were seminars galore, which turned out to be a very useful way to keep the Boogie and learning flowing while waiting for weather to pass. Irish, Paddy, and Tracy worked their fingers to the bone making sure this was the most insane Boogie that ever was, but of course, they couldn't stop singing the praises of the supporters and sponsors behind the event which were (in alphabetical order): Aerodyne, Australian Parachuting Federation, Cookie, Cypres, Deem, Dekunu, iFly, LVN, Manifest Cloud, NZ Aerosports, Paragear, Sydney Skydivers, UPT and Vertical Suits. They mentioned it so often I thought I was starting to memorise them in the same vein as the way everyone

can recite what is on a Big Mac. Massive thanks to all the sponsors. Judging from the sweet promo shots of Fiji in the background, I think everyone was pretty happy to be involved.

It was such a cool location with amazing weather, and heaps of friends and family joined the jumpers to hang out for the week and have their own adventures: Paddle boarding, snorkelling, swimming, terrorising small children on the inflatable playground, etc. I loved having the extra crew there as it made the event even more awesome and fun. Sometimes, I think they were having more fun than the jumpers; almost.

There is so much that can be said, but it can all be summed up by: It was awesome! For those of you who thought, "It won't be that good." Yeah, how did that work out for you?



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CLOUD BREAK FIJI



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UNITED PARACHUTE TECHNOLOGIES

“Well, that escalated quickly!”

By Kate Vaughan Photos by Steve Tonson

TESTING THE NEW FORMATION SKYDIVING DIVE POOL ON A PICTON 4-WAY WEEKEND

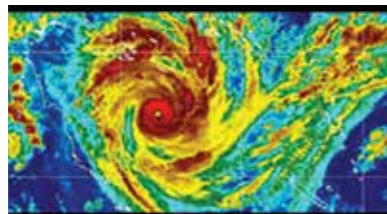
IT HAD BEEN A WHILE SINCE WE'D HAD AN INTERMEDIATE 4-WAY WEEKEND AT PICTON; THE LAST ONE HOSTED BY BELLATRIX A FULL YEAR AGO. SO, IT WASN'T A SURPRISE WHEN DEB HOBBS AND TRACEY BASMAN HIT ME UP TO ORGANISE ANOTHER ONE AND I AGREED.

These events are a two-day commitment where three skydivers are teamed up with a coach to jump with them, or an existing team of four with a coach on the ground. The first day is spent training together, followed by a handicapped Intermediate 4-way FS competition on day two using the Intermediate dive pool. The handicap helped to even out the playing field between say, teams who were straight off B-Rels against more experienced skydivers.

However, I thought, why not test the upcoming FS dive pool changes? Intermediate 4-way will soon be a thing of the past in Australia.* What did we have to lose?!

We advertised, they responded. Before I knew it, we were two weeks out from the event and I already had enough people for eight 4-way teams, then ten, plus a waitlist. Yikes! That got out of hand!

Of course, the weather forecast looked like this:



And the last-minute work commitments cropped up on Friday causing a flurry of texts to cancel slots... at 3am, yeah right! Cue a damp room full of sad faces at 08:00am Saturday morning... but by 10:30am, we had blue skies and off we went!

We had a pretty specky line-up of coaches, most having competed in 4 or 8-way, or both, for Australia at some point. The feedback said it all: Flying with a coach means more successful jumps, which means, more fun! Davey and The Kids (Dave Loncasty's team) took out AA class. Troy's Team (Troy Crotty's) won the A class, and the Creeper Ninjas (led by Deb Hobbs) won in Blast.

What about the competition classes? How did they work out?

We had four Blast teams, three A class, and two AA class teams. (There would have been only one AA team but a Nationals-winning Blast team led by the inimitable Dave Loncasty stepped up to make sure there was an AA competition – thanks guys!)



Compared to previous events like this, instead of just one handicapped Intermediate competition, we ended up having three excited groups of teams competing against each other, which produced a fun atmosphere all day. We had some informal judging of the footage performed on-site by Tracey Basman; as usual volunteering her time and energy to the cause of fun jumping and events, thanks Tracey!

The range of jumps (from randoms only in Blast to new blocks in AA) meant that there was a wider range of moves to suit the wide range of skills amongst the teams. This meant that we could challenge those who were more capable but not quite ready for slot swappers in Open, whilst jumpers with less experience under their belts got to have their own battles in the sky just puzzling out the randoms.

* The demise of Intermediate and Open dive pools was discussed at Nationals in March at a competitors meeting. You'll have seen articles in ASM, and online by Crash (APF Director of Competitions), about moving from Intermediate and Open to the Rookie/A/AA/AAA classes used internationally. See Crash's report in Directors Direction on page 4 for the ratification of these new classes at the APF AGM.

If anything, I think this gives the potential for more fun at State and national competitions for us. The most exciting part of the Nationals I've been to in the last eight years has often been watching the excitement and ties and leapfrogs in the Intermediate 4-way scores!

I hope that next Nationals, we'll have the pleasure of watching these three divisions fighting their battles for the podium... and ultimately that excitement will feed the supply through the ranks up to AAA over time.

As ever, the support of a few organisations helped to make the event possible: Phil Onis' never-ending generosity via Sydney Skydivers, our N.S.W./A.C.T. Parachute Council and the APF's Fi Fund. Our N.S.W. mentors, Deb Hobbs and Calder Chernoff, relieved the administration burden and kept me sane, so a big thanks to them too!



Feedback from jumpers about the new dive pool

“Please share your impressions of the new dive pool with us: Blast, A, AA... What did you think about it?”

- It's great, been waiting for this to come to Australia for a while now.
- The categories give people of all levels enough to work with, so they can feel competitive. It means each category is small though.
- Being new, it is hard to say for me, but the Blast level was fun and challenging. It certainly makes me feel that I could compete at that level, and that progression through the levels is not so daunting.
- The categories seem to be a lot fairer in the skill level of the player, giving all a better chance to hone their skill set to have a positive outcome and sense of achievement.
- Dive pool now aligned with various experience levels for fairer competition.
- Blast dive pool is fantastic for just starting; challenging but achievable to keep confidence up on progression.
- Probably helped insofar as it targets the skill levels of the participants better.

So what's in what Division?

A common misperception during our weekend was that the new A is the same as the old Intermediate, but it's easier as it is a maximum of four points per jump, not five as in Intermediate. Basically, the old Intermediate dive pool would have sat in between the new A and AA, so it spreads the learning across four divisions, like this:

	4-way FS Division	Blast	A	AA	AAA
Dive pool		Randoms only A to Q	A to Q Blocks 2, 4, 6, 7, 8, 9, 19, 21	A to Q Blocks as in A plus 1, 11, 13, 14, 15, 18, 20, 22	A to Q Blocks 1-22
No. of points per jump		3	3-4	5-6	5-6



Annual APF Conference

GLENELG, SOUTH AUSTRALIA



By Rob Libeau, APF Development Photos by Jason Leverton

ADELAIDE, THE COSMOPOLITAN COASTAL CAPITAL OF SOUTH AUSTRALIA PROVIDED GREAT WEATHER FOR THE ANNUAL CONFERENCE AND THE STAMFORD PLAZA WAS A SHINING LIGHT AT THE END OF THE GLENELG STRIP.

Over 130 delegates attended the shorter, two-day conference and over 60 delegates attended the Welcome BBQ to kick things off.

Day one opened with the CEO's address and welcome and then went into a very inspiring and entertaining keynote presentation from 5-time World Champion aerial skier, Jacqui Cooper. The day continued with a very heavy schedule of presentations and workshops.

That night, it seemed that all delegates were present for the Awards Dinner and Presentation, with two extra tables set up at late notice.

Congratulations to all the award recipients, including the well-deserved and earned Master of Sport Parachuting to Graeme Windsor. APF Service Awards were also presented to Paul Murphy, Simone Bambach and Janine Hayes, and an Honorary Life Membership to Alan McDonald. Congratulations also to Tim Bates Award recipient, Archie Jamieson.

Was it strategic? Day two started with the APF AGM. Short and sweet, delegates were rewarded with an extended break before resuming the conference. More workshops and presentations filled the day and thanks to the late Jyro and NZ Aerosports, a well earned drink celebrated the end of the 2017 APF Conference.



The Post Survey sent to delegates via the conference app and available paper-based at the front desk had a fantastic return from 81 respondents. This is a great message to the APF that members are interested in what is coming up and, members' want to be involved.

When asked what members would like to see at next year's conference,

equipment/manufacturers and marketing were the big winners. Members also want to hear from young skydivers and what direction they see the sport taking, workshops on succession planning, behavioural training education and sports psychology.

Also positive was the keynote speaker, aerial skier, Jacqui Cooper. From comments made, someone inspirational is an important way to kick-off the conference.

Regional conferences were also positively mentioned as a key to encourage younger skydivers to attend such events and to maintain a fun and vibrant community, but importantly, not to bog them down in the administration of the sport. Rather, inspire and educate with hands-on workshops and "real life" skydive demonstrations such as a Skyhook chop and approach and landings.

Negatively, on workshops and presentations: Workshops were not long enough and running "like" sessions together that may attract the same people. This is an ongoing challenge from the organisers and some good advice was heard to combat the challenge. The 2018 Conference will return to a three-day event.

Following is a summary of the workshop outcomes presented to the APF for consideration and further discussion:

SMS

Facilitator: Sam Smalley

Attendance: 28

Workshop covered: Leadership in SMS, SMS in general, background on human factors and fatigue risk management. Suggested implementation options for fatigue risk management systems.

Outcomes:

- Focus should be to develop a climate where leadership/management supports fatigue risk management.
- Each club will have to develop a fatigue risk management system customised to its own unique circumstances.
- Start simple: Don't include too many groups (e.g. start by including only TI's and pilots).

- A key element of a fatigue risk management system should be: A fatigued person must be able to stand himself/herself down without negative sanction.
- Complexity of tasks should be taken into consideration (e.g. level of responsibility towards others, stress levels involved with a task, etc.)
- The APF will provide a framework as a template or example for a fatigue risk management system.

General reaction: Positive

FIRST RESPONDER

Facilitator: Charl Rootman

Attendance: 46

Workshop covered: Importance of dealing with serious incidents appropriately, role of the "first responder", investigative process, managing a serious incident (allocating staff, statements, notifying appropriate parties, managing the scene, obtaining evidence, dealing with external parties (police, media, etc.). Focus was on the importance of being prepared.

Outcomes:

- Importance of being prepared for serious incidents was emphasised.
- Being prepared includes: Having specific, documented procedures for dealing with emergencies; ensuring that all staff are training in this and their roles; and having regular practices. Practices should happen at least annually.
- The value of checklists was acknowledged.
- A workshop handout included notes on serious incident management, and various documents to assist in compiling checklists.

AFF

Facilitator: Steve Geens

Attendance: 44

Workshop covered: Review of previous conference outcomes: Opening altitudes, no comments from workshop.

Outcomes:

- Possible age (upper limit/older people) or weight limit for AFF. Workshop agreed that older people do add more risk. Participation should be judged on an individual, case-by-case basis. Agreed that there should be no set limits.
- Mantis or Box: No change to manuals. Each club should use whatever it is comfortable with. The ideal is somewhere between the traditional Box and Mantis.
- Number of AFF instructors: Workshop agreed that no club is experiencing a shortage of AFF instructors. More AFF students are needed. Some clubs are struggling to keep AFF instructors current.
- Ways to improve AFF instructor training: More focus should be on canopy flying training, more "Train-the-trainer" type of training. Suggestion that AFF instructors

should visit other drop zones to learn from other ways of doing things.

- AFF training video: 100% support. Some clubs indicated they would be willing to participate.
- Request for a longer AFF workshop at next conference. Possibly including a practical session (e.g. exit techniques from various aircraft).

CANOPY PILOTING

Facilitator: Jules McConnel

Attendance: 38

Outcomes:

- Possible inclusion of a canopy handling course as Certificate C prerequisite. Subject to the running of the "Train the Trainer" courses for the next 12-18 months to provide more canopy coaches.
- Raise the importance of a Duty of Care at drop zone level regarding canopy downsizing.
- Propose to develop a canopy downsizing guide based on competency and experience with less emphasis on wing loading. Remove the wing loading weight recommendation in brackets () from the current downsizing guide.
- Add a canopy type and size approval for each member on the APF look up.
- Develop a canopy downsizing approval form for CI to sign prior to downsizing.
- Downsizing Criteria Guide. Work up a document that the APF can provide (see Jules McConnell for her current document). Add this document to the Canopy Pilot Guide. Develop an APF poster with the criteria guide.
- Add a sign-off check list at the back of the CP manual-optional use. To include flight handling exercises.
- Classification Guide of Canopy Types (Student/Novice) (Novice/Intermediate) (Intermediate/Advanced) (Advanced/Ultra performance).
- Instructional Canopy Pilot video – work with STO's. Inclusions in this video must be incidents and interviews with those involved. Interviews with Top athletes and coaches regarding the history of canopy progression and recommendations for downsizing, canopy collision avoidance, how to fly a basic landing pattern and entering the circuit.
- Consider listing all Main canopy manufacturers/models and an expert group grade all (i.e. Beginner/Novice/Intermediate/Advanced). This may be used in conjunction with the downsizing criteria for jumpers to advance.





Annual APF Conference

GLENELG, SOUTH AUSTRALIA

EXAMINERS

Facilitator: Mike Tibbitts

Attendance: 20

Workshop covered: Principle agenda item was to address examiner numbers and to introduce a currency requirements for examiners to maintain their appointments. We will come up with a system to facilitate this.

Outcomes:

- Discussions were had as to examiner appointment processes, fees to examiners, and as to whether examiners could examine for all their disciplines. Consensus on these points was to continue with current policies.
- Lastly, a new examiner's manual is in the pipeline and an expert panel of mostly volunteers was formed to help with this. Expert panel to include Don Cross, Kobi, Dixie and Terry King.

Items to action:

- Currency requirements to be developed for examiners to prune their numbers and make current examiners more effective.
- Continue with re-write of manual, assisted by expert group.

FREEFLY

Facilitator: Vince Jarvis

Attendance: 26

Workshop covered:

- Coaches
- Lots of weekend FF events in S.Q. Payment of day rates with healthy funds infused by SQPC. Also, an abundance of coaches has made this easier.
- More coaches haven't yet arrived in S.A. Local funding required with the suggestion of bringing coaches over from Perth. Events that have taken place in S.A. have resulted in coaches having a great impact on small groups of people. S.A. jumpers advised to get their State coach to liaise with the SQPC state coach.
- Crest sign-off

HU/HD Crests. Does it need to be four jumps? If they do it in less, it needs to be noted why, not as a punishment or burden, but just to help the person who is processing

it to understand why it is not filled-in in the normal way (which will otherwise result in delays).

- How to manage Angle jumps?

HU/HD Crests – what about Angle coaches? Should newbies be sent to HD coaches? Should Crests have an Angle component? For example, must have completed a structured Angle weekend prior to sign-off for the HD Crest.

Decentralised approach now, led by a couple of drop zones. Can the APF produce a basic Angle progression guide?

Guidelines from Nagambie and S.A. Skydivers to be sent to APF for discussion.

- Increasing attendance at competitions

2-way FF dive pool noted as very intimidating and possibly deterring jumpers.

Suggestion was made of FF for everyone (2-ways with a coach) as being a great solution for competitive experience for lower experience jumpers.

USA "MFS" dive pool also suggested as an inexperienced alternative.

- Funding issues at Council level

Local jumpers discussed a difficulty achieving funding for events, but did note that the move to Company Limited by Guarantee had improved the situation. Other attendees offered advice on the best way to draw funds for events.

- General comments on Mason Corby's Train the Trainer
Mason Corby's report from his Train the Trainer camps suggested that camps were well attended and a great success. It was noted 80% of camp attendees just wanted to fun jump and approximately 20% wanted to be coaches.

- General comments on coaching

Angle events are difficult to organise coaching for, as they require intensive coach to participant ratios.

It was also noted that the nature of coaching has changed to some degree. The previously held norm of one-on-one jumps, for example, two slots and \$20, appears to be moving towards larger groups with one coach and an expectation of council or APF funding for participants. This is possibly due to FF skills now being developed in the tunnel and coaches seen as jump/load organisers?

Items to action:

- Review Nagambie and S.A. Skydivers' Angle policy/guidelines submissions.
- Discuss possibility of Angle requirements as part of the HU/HD Crest.



- Discuss intermediate Freely suggestions with National Competitions Officer.

SFF/IAD

Facilitator: Justin DeWaard

Attendance: 15

Workshop covered:

Mostly an information session. With videos and discussions, principally about the actual mechanics of how the IAD despatches work. No new business or items brought up.

One CI in attendance (Kobi) had not heard of IAD before and immediately saw the merit of it, especially on overcast days as a way of keeping AFF students jumping/interested.

No items to action.

STATE COACH/COUNCIL MEETING

Facilitator: Rob Libeau

Attendees: 11

Items to action:

- Create State pages on APF site that allow access for council representative to update a central events calendar and to provide a consistent model of forms across all States.
- Create a link between National and State Calendars.
- Duplicate States' Google Documents application forms to clone as APF application forms and introduce a work flow to ease the burden on State coaches to effect event applications.
- Create council logos to define State identity and to encourage more State pride.
- Develop a Media Kit with appropriate logos for funded events to ease the burden on event organisers when they are expected to develop social media with appropriate "thanks" to sponsors.

TANDEMS

Facilitator: Joe Hallin

Attendance: 22

Outcomes:

- Investigate incident reports for statistical evidence of low TI experience leading to injuries: Does the minimum jump number of 500 jumps need to be raised to a higher level?
- Recommended that CI's at all operations introduce "Buddy Checks", "Gear Checks" or a system of equipment inspection prior to emplaning.
- Add the recommendation that new and low experienced TI's wear a jumpsuit to the TM Handbook – jump number to be determined by CI.
- The new APF Drug and Alcohol Policy has been received well and is a good improvement to APF Policy. Operations encouraged to develop own policy and enforcement and add to SMS.
- Low turns on Tandem landings needs further discussion as to whether a policy is adopted.

WINGSUITING

Facilitator: Brett Newman

Attendance: 42

Outcomes:

- Aircraft are rated to 9g for impact rating, this equals 900kg. (Mark Edwards)
- Development of the harness extension is to continue with further testing required using both the Dyneema lanyards and Type 24 restraint webbing.
- It was noted that terminology used in any documentation for the harness extension be carefully worded. Not to state "Crash restraint". Better terminology suggestion "Load restraint". To be discussed further when APF testing of the harness extension is completed.
- XRW: See 2016 workshop notes to assist in the development of a CI approval guide for XRW. Recommended Inclusions in guidelines: At least one participant must be experienced in XRW with CI approval. Seek further guidance from experienced APF XRW pilots, Darren Griggs, Woody, Ryan Sanders, Scott Patterson. Seek any guidance material from overseas sources. Jay Moledski, Vince Renfet.
- New winguit designs are designed to inflate at zero airspeed for BASE. Concern is raised over possible tail strikes with these suit types. CI's need to be aware of wingsuit types being used on their drop zones.
- There were no current experienced wingsuit flyers at this meeting, so no further discussion was presented on any plans for events or record attempts.





APF AWARDS

By Kelly Brennan

MAY 23 WAS THE NIGHT TO SHINE FOR AUSTRALIAN SKYDIVING'S HIGHEST ACHIEVERS AND UNSUNG HEROES!

THE ANNUAL APF AWARDS NIGHT WAS A CHANCE TO CELEBRATE ALL THE INTERNATIONAL MEDAL WINNERS, JUDGES AND RECORD-BREAKERS WHO RAISED THE BAR IN 2016. THERE WERE ALSO SURPRISE ACCOLADES FOR SOME DESERVING INDIVIDUALS WHO'VE GIVEN DECADES OF COMMITMENT AND HARD WORK TO THE FEDERATION.

FOR ENTERTAINMENT, THERE WERE ROB LIBEAU'S BAD 'DAD' JOKES, A BOOGIE BOARD AUCTION, GOOD JOKES FROM A 'BAD MUM' COMIC, AND AN ENERGETIC PERFORMANCE OF 'KING OF THE AIR' FROM OUR OWN CLAUDE GILLARD!

HONORARY LIFE MEMBERSHIP



ALAN MCDONALD For his generous donation of valuable 1960s memorabilia to the APF Museum.

Alan started jumping back in 1958 while he was a packer at the Army's Parachute Training School. In 1960, he was overall champion at the first Australian Parachute Championships, held in Pakenham, Victoria. He generously donated the valuable trophy, won by his team from Elderslie, to the APF's museum in Brisbane.



Another pioneer from the era, Andy Keech, said Alan was practically worshipped by jumpers of the time. "Alan was a born leader and universally liked," said Andy. "In part for the assistance he gave NSPC ... (and) because he was the first Australian to freefall for a minute."

Alan McDonald held APF Instructor rating #1 and C licence #1, both issued in 1962 by Claude Gillard. After renewing his ties with the APF, Alan had a fresh taste of freefall late last year with a tandem skydive at Toogoolawah.

PARACHUTE JUMPING CHAMPIONSHIPS 1960											
QUEENSLAND PARACHUTE CLUB						NEW SOUTH WALES SCHOOL OF QUALIFIED PARACHUTISTS					
A			B			A			B		
CHARLIE NELES	BOB O'SULLIVAN	JOHN PHILP	ALAN MCDONALD								
DARYL BELLINGHAM	JILL FLOW	NOEL COOTE	TON NIDOL								
EVENT NO. 1 500 PTS											
Immediate opening, 3000 ft Spot Jump Free-Fall parachutes. Parachute to be opened within 3 seconds of leaving the aircraft. No points for Style, Flight or Landing. Maximum Points - 500 - One point being lost for every yard from the specified spot.											
Name	Type	Height	Latent Release	Opening Time	Height Top 200	Distance	Name	Height	Opening Time	Points for 200	Points for 5-7
PHILP	Free	3000'	Free	2.80	48 yds	452 yds	PHILP	3200	6 1/2	122	65
COOTE	"	"	"	2.5"	168"	352"	COOTE	3200	6 1/2	60	92
NELES	"	"	"	2.75"	208"	292"	GRIGG	3200	4"	40	92
BELLINGHAM	"	"	"	2.0"	269"	231"	BULLEID	3200	8.5"	90	130
MILLIGAN	"	"	"	2.9"	101"	399"	BELLINGHAM	3200	7.5"	80	265
KEECH	"	"	"	2.1"	155"	345"	NELES	3200	7.5"	50	500+
GRIGG	"	"	"	2.7"	297"	203"	KEECH	3200	9"	95	78
BULLEID	"	"	"	3.0"	30"	470"	MILLIGAN	3200	7"	70	166
MCDONALD	"	"	"	2.5"	8"	492"	MCDONALD	3200	8 1/2	95	47
NIDOL	"	"	"	3.0"	24"	476"	NIDOL	3200	10 1/2	90	101
O'SULLIVAN	"	"	"	1.5"	116"	381"	O'SULLIVAN	3200	11"	95	500+
FLOW	"	"	"	2.0"	180"	320"	FLOW	3200	5"	50	500+
JOHNSTONE	"	"	"	2.0"	161"	339"	THOMAS	3200	7"	70	500+
THOMAS	"	"	"	2.0"	274"	226"	JOHNSTONE	3200	8 1/2	70	333
HUTCHINS	"	"	"	2.0"	154"	346"	FINTA	3200	8"	80	500+
FINTA	"	"	"	2.0"	500"	-	HUTCHINS	3200	7"	70	29

AT EAST PAKENHAM ON 12TH AND 13TH JUNE 1960											
CAMDEN SCHOOL OF PARACHUTISTS						VICTORIAN PARACHUTE SCHOOL					
A			B			A			B		
BOB HILLIGAN	LEN JOHNSTONE	GRAEME GRIGG	WARREN HUTCH								
ANDY KEECH	BOB THOMAS	KEITH BULLEID	JOE FINTA								
EVENT NO. 3 500 PTS											
Tandem-Jump - Immediate opening 3,000 ft 2 man team Spot Jump, Free-Fall Parachutes only. Parachutists to leave aircraft within 3 seconds of each other. Parachutes to be opened in 3 seconds. No points for Style, Flight or Landing. Maximum Points - 500. Mean average of team for spot. One point lost for each yard away from specified spot.											
Name	Opening Time	Height Top 200	Distance	Name	Opening Time	Height Top 200	Distance	Name	Opening Time	Height Top 200	Distance
PHILP	3000	116	384	McDONALD	3000	116	369	1	McDONALD	1600	
COOTE	3000	146	354	2	PHILP	1439					
BULLEID	3000	106	394	1.5	339	3	BULLEID	1409			
GRIGG	3000	216	284	4	NICOL	1385					
FLOW	3000	186	314	2	387	5	HUTCHINS	1339			
O'SULLIVAN	3000	40	460	6	KEECH	1263					
MILLIGAN	3000	386	114	2.5	207	7	COOTE	1239			
KEECH	3000	199	301	8	O'SULLIVAN	1039					
McDONALD	3000	25	475	1.5	397	9	MILLIGAN	987			
NICOL	3000	180	320	10	GRIGG	975					
BELLINGHAM	3000	256	244	1.5	251	11	BELLINGHAM	864			
NELES	3000	242	258	12	JOHNSTONE	801					
HUTCHINS	3000	128	372	3.0	299	13	THOMAS	776			
FINTA	3000	274	226	14	FLOW	734					
JOHNSTONE	3000	460	40	13.5	OUT	15	NELES	705			
THOMAS	3000	90	410	16	FINTA	386					

SERVICE AWARDS



PAUL MURPHY (VIC) received an APF Service Award for his outstanding contribution in the service of sport parachuting, especially in the fields of instruction, safety and public displays.

Murf has done more than 10,000 jumps in a part-time skydiving career while holding down fulltime jobs during the week. He's juggled a family, around 20+ years of volunteer roles including ASO, Chair of Instructor Panel, Instructor Examiner and LDO. He investigated at least five skydiving fatalities when this unpleasant work was done by volunteers, and he improved tandem skydiving techniques for disabled passengers.

Peter Brock and Ron Barassi are among the big names that Murf has carried on high profile tandem jumps, and he has also promoted the sport at Australia's best known air shows, often jumping a massive flag.



JANINE HAYES (VIC) received an APF Service Award for her outstanding leadership as an elite athlete, volunteer and passionate ambassador for Australian skydiving.

Janine has served the APF and VTPC in many volunteer roles in her 35+ years in skydiving and she has represented Australia in at least nine international events.

J9 is a veteran competitor in Classic Accuracy, a former Australian champion and a national record holder for several large formation (Big-way) skydiving achievements.

She actively promotes our sport through displays and media opportunities, and she shares her time generously as a mentor for women and Big-way skydivers in Victoria.

J9's leadership, elite performance, instructional skills and her contagious enthusiasm are all assets to the sport of skydiving.



SIMONE BAMBACH (NSW) received an APF Service Award for her outstanding skydiving career as a Formation Skydiving competitor and coach.

Simone Bambach started jumping at the age of nineteen and has been active in the sport for 38 years, coaching from 1991 to 2016. She represented Australia in at least eight World meets through that period, finishing 4th in 8-way in 1995 and coaching the Gold medal winning, World record-breaking Australian 16-way team in 1998. Simone was part of the Australian team in Chicago last year.

Simone's coaching and leadership skills have helped develop 4-way, 8-way and 16-way skydivers. She's now taking a well-earned rest from the sport, but her efforts have not gone unnoticed, and we hope - one day - to be able to call on her expertise again.





APF AWARDS

MASTER OF SPORT PARACHUTING



GRAEME WINDSOR (ACT) received the APF's highest honour, an APF Master of Sport Parachuting, for his outstanding representation in competition and administration for nearly 50 years.

Graeme has been skydiving since 1968 and competing since 1969, first representing his country in 1978, and winning a WPC bronze medal in 1982.

He's held unpaid and paid roles with the APF, including being a Board Member, a Chair of the Board and a CEO.

He continues to enjoy skydiving regularly, completing his 7,000th jump in November 2016.

Graeme is widely known and respected in global skydiving circles, serving an unprecedented nine years as IPC President. He is also being honoured later this year with induction into the Skydiving International Hall of Fame.

Graeme was thrilled to receive the award but wisely decided to leave it with Brad Turner for safe-keeping, 'just in case'. That turned out to be good thinking. He managed to come off his motorbike on the return ride to Canberra, ending up with some broken ribs and a leg fracture. But, he remains optimistic that he'll be back in time to compete at the 2018 WPC in his 50th year of skydiving!



TIM BATES AWARD FOR OUTSTANDING SKYDIVER OF THE YEAR 2016



ARCHIE JAMIESON received the 2016 Tim Bates Award for his passionate leadership and relentless enthusiasm in developing and promoting sport skydiving.

Archie has been skydiving for around 30 years, logging more than 15,000 jumps and representing Australia in multiple disciplines on the world stage. He has been a man of many talents over the decades, as a CF national champion and record holder, instructor and camera flyer.

But the past year has been a standout, even by Archie's hard-working standards. Archie has been instrumental in developing a hybrid wind-tunnel and skydiving course, and along with many other high profile displays and media appearances, he's helped the APF with its WPC campaign for next year. In between all those challenges, he managed to reinvent himself as part of the Australian Champion Freestyle team, Running Hot.

Archie is the CI and owner of one of Australia's largest privately owned drop zones, and still manages to do more than 500 skydives a year. Yes, he makes a dollar out of his work, but his commitment goes far beyond any normal drop zone owner.

"Archie attends all meetings and anything associated with sport development, even if this means working seven days a week or driving to Brisbane after a fourteen-hour day for a SQPC meeting," said his colleague and team-mate, Alana Bertram. "Archie will even cover shifts for employees so they can do Boogies and fun jumping events. He wants his staff to keep loving the sport like he does."

"He is a true inspiration for up-and-coming jumpers, and the old dogs of the sport, that you can find fun anywhere in skydiving," said Peter "Irish" Sutton.



ACHIEVEMENT AWARDS

Team Focus: VFS Oceania Record – 24 points in time during Chicago WPC

Mason Corby: Speed Skydiving Oceania Record – Fastest vertical speed 389.89 km/h during Chicago WPC

VFS Head-Down: World Record 164-way. Six Australians were on this record in May 2015 in Chicago

POPS Large FS World Record: Eight Australians were on a 128-way and 130-way, in Perris Valley in October 2016

Team Focus: VFS 4-way Open, 15 points in time, National record, 2016 Nationals

Team Bellatrix: 4-way FS Open (Female), 23 points in time, National Record, 2016 Nationals

Gabriel 'Bubba' Phillips: Canopy Piloting Intermediate, Fastest speed – 2.114 sec, 2016 Nationals

Chris Byrnes x 2: Wingsuit Performance Flying – Distance 4.272km and Time 92.5 secs – Zephyrhills, November 2016

Robert McEntee: Wingsuit Performance Flying (Intermediate), Fastest Time – 53.9 secs, Speed 210 km/h – 2016 Nationals (Test event)

Andrew Wright x 2: Wingsuit Performance Flying (Intermediate), Speed 210 km/h and Distance 2.385km – 2016 Nationals (Test event)

Large FS Record: National Sequential FS record, 2-point 32-way achieved by 74 participants in December 2016 at Nagambie

Judges invited to FAI Cat 1 events:

Craig Bennett, Dean Brook-Rerechich, Peta Holmes, Sheena Simmonds



Photos by Keith Creevy



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FOCUS

vertical program
2017

With Kieren James "KJ" Photos from the recent camps at Barwon Heads & Picton by Dan Smith and Simon Colmer

Team focus have been getting around recently (for all the right reasons); running vertical skills camps at Picton, York, Byron Bay and Barwon Heads so far, with more camps scheduled for the coming months. With the assistance and support of the APF and various State Councils, the team has embarked on a program to reintroduce the benefits of Vertical static flying back to the Freestyle scene... the art of flying fast, close, solid and most importantly ON LEVEL! These are foundation Freestyle skills that seem to have been forgotten over the years.

The camps have been a great success so far, with huge demand and all slots getting snapped up quickly. Freestylers are realising the benefits of how vertical training can significantly improve discipline and performance in all of their freestyle... and everyone seems hungry for more.

Little was known about any other "agenda" at first, but now the word is out... that *focus* have been setting the foundations of a *new* Australian Vertical (Head-Down) *record* for later this year.



FOCUS vertical program 2017



the background

Prior to the 2016 World Skydiving Championships in Chicago, Team FOCUS had already started discussing the Australian Vertical Record, and thinking it's time to give it another crack again. Following the world meet it gave the team something different to get stuck into, and another milestone to look at.

Team members Kieren James and Scott Hiscoe (both on the current 164-way vertical world record) took the task as lead organisers and set about hatching the plan to ensure the greatest chance of success if a record attempt was to be made.

KJ and Scotty have brought their engineering knowledge and experience in setting out to deliver a series of vertical training camps across Australia, and an end goal to smash the old record.

the long road

We knew from the start that it would not be easy to set a 50-way. We've both seen how things can go wrong and how frustrating it can be. We both knew that one of the greatest challenges in going for this was not a lack of interest, but a lack of static flying skills... Yeah we said it. Something that has been apparent to us both; as angle flying and movement has dominated so much in Freefly over recent years, people have simply forgotten how to fly vertical. So we thought it was time to bring static back and to get everyone to learn (or re-learn) how to fly strong, quiet, fast and on level."

"We set up a plan to run ten training camps across Australia to first get a feel of how people are flying and get everyone in the right mindset. We've encouraged everyone to keep up on the vertical skill development after each camp too, and not revert to just doing angles all day again. We can only deliver the message but it is up to everyone to train to make this record work."

"We knew we would need to make an assessment half way through the camps to decide whether to proceed with running a record or not. Failure is not an option. We want to keep the momentum running and now we believe the skills and passion are there, and that we can pull this record together."

selections

The Team has run four camps so far and there are another six selection camps in the lead up to the main event now locked in for October. The decision was made early to run as much of the record as "home grown" and to back the awesome talent of Australian freeflyers and coaches, instead of relying on international assistance. All of Team FOCUS are involved in the selection process and invitations for the record are being awarded on the following criteria:

• Known ability • Demonstrated ability • Teamwork • Attitude • Commitment

First round invitations have all been issued and there are now just 35 slots remaining that will be issued after the remaining camps. With easily another 60 or more people going for those remaining slots it means it's getting ultra-competitive to get selected. So, if you don't have your invite yet, you'll need to get on a camp and deliver.



did someone say world record?

Yes... Big news! The next Vertical World Record is currently being planned for Chicago 2018. FOCUS have been coordinating with the organisers to make the Australian record the official Australian selection camp for the world record. Jason Russell (from SDC Core) will be attending as the official international selector to hand out world record invitations to those who make the cut. Invitations will be limited and only the very best flyers will be invited.

australian vertical record history

- 22 Apr 2005: 8-way, Toogoolawah, QLD
- 24 Nov 2005: 17-way, Picton, N.S.W.
- 18 May 2009: 25-way, Picton N.S.W.
- 29 Dec 2011: 33-way, Picton N.S.W.

The most recent attempts at breaking the record were held at Toogoolawah April 2015. Several attempts were made at 40 to 50-way pieces, but the camp did not produce a successful result.

acknowledgements

FOCUS would like to formally acknowledge and thank the APF and the NSWPC, WAPC, VTPC and SQPC for their generous support and ease to deal with in making the FOCUS Vertical Program such a success.



FOCUS vertical program 2017

Powered by the APF Fi-Fund and iFLY DOWNUNDER

training/selection camps:



- July 22/23 – Jurien Bay (W.A.)
- Aug 12/13 – Picton (N.S.W.)
- Aug 26/27 – Toogoolawah (QLD)
- Sept 16/17 – Torquay (VIC)
- Sept 23/24 – Byron Bay (N.S.W.)



- Oct 14/15 – Picton (N.S.W.) warm up camp only

SKYDIVEOZ

FOCUS *australian vertical record*

(incl. 2018 World Record Selections)

25-29 October: Skydive OZ, Moroya, N.S.W.

- 2018 World Record selector Jason Russell (SDC CORE)
- 3 x Cessna Caravans
- 18,000 foot oxygen loads
- Spectators welcome
- Record team by invitation only (70 slots)
- 30 additional boogie slots available
- Sponsor zone

After the record...

- Bonus event - Head-up record!?
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Follow **Team FOCUS** on facebook for all updates

Contact Kjames@indoorskydive.com.au for more info on slots to register for camps



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By Linda Iliste Photos by Kian Bullock & Keith Creedy of www.gndgrounded.com

FUNNY FARM! THERE'S NOTHING LIKE IT. YOU START FEELING IT JUST GETTING BEHIND THE WHEEL FOR THE SIX-HOUR DRIVE FROM BRISBANE TO REACH THE DROP ZONE. SOON THE SPRAWLING URBAN DEVELOPMENT GIVES WAY TO OUTBACK QUEENSLAND; THE SEEMINGLY FLAT AND EMPTY LANDSCAPE ASIDE FROM MILES AND MILES OF RED SOIL UNDER AN ENDLESS BLUE SKY. HERE, KANGAROOS BY FAR OUTNUMBER THE PEOPLE AND THE PURE RARENESS OF THIS PLACE FUELS A BOOGIE FIRE THAT IS UNPARALLELED.

Back in 2000, Funny Farm had humble beginnings in a parked caravan, using the shiny side of CDs and some strings as competition medals, and a Cessna 182 to jump out of. Through its fourteen events it has grown to a fully functioning drop zone setup with ample buildings and open-air structures. There's physical room for heaps of people, but this year the slots had been cut back from 90 to 60, which created an even more intimate atmosphere among the participants and world-class coaches flying in from all over the world.

Anyone lucky enough to grab one of these much sought-after slots got themselves the usual package deal including camping, three meals a day and 30 jump tickets. Day one saw coach-organised jumps that continued for a few days, culminating in three days of impromptu group jumps varying in size and complexity. Funny Farm focuses heavily on freeflying and canopy flight; and if you fancied being part of groups doing advanced Angles, or wanted to go deep and steep, you were in luck.

funny farm is one of the few places in the world where skydivers can exit legally with freefall objects.

Brett Newman and Leigh McCormack masterminded this and got everyone advanced enough to do truly memorable jumps with concrete-filled kegs and mannequins. The Funny Farm fashion trend was clearly the classical cow onesie, but there's now fierce competition from lemurs. A few unicorns were spotted too, creating a veritable jungle up in the sky.

The weather stayed mostly amazing, although heavy rains kept everyone on the ground for a whole day in the middle of the week, and some unfavourable winds saw the swoop pond being closed for most of the Boogie. But hailing from a part of the world that is racked by long winters (i.e. Northern Europe), I'd say it was still easy-breezy living with heaps of sunshine. The evenings got a bit cold (there were even rumours that the final party night was going to be the coldest in QLD for years!), but that's nothing good old drop zone bonfires won't salvage.





The newly formed company, Dekunu Technologies, was also present, testing their next generation SmartAltis that bring wearable tech to skydiving. All the participants had the chance to jump prototype devices for data and feedback collection, using smart technology we're so used to in normal life into the sport, with features such as integrated GPS tracking, wireless data sync, glide ratio under canopy and performance analysis. Many more features are still to be announced and it's going to be interesting to see what Dekunu does next.

All this being said, at the heart of Funny Farm are the organisers and hardworking staff. It wouldn't have been nearly as orderly without manifesters Tracy Scott and My Annie Svedlander; nearly as entertaining without DJ SNUZE (Luke Scarrabelotti) and MC Irish (Peter Sutton); nor nearly as well captured without camera fliers Keith Creedy, Kian Bullock, James Cooper and video editor Elad Berger from High Speed Productions. The philosophy and mind-set that every single farmer is the DZSO creates a unique atmosphere with lots of genuine love, care for one another's wellbeing, and a high-level of safety that's needed because of the location – but perhaps should be exercised at all drop zones? Last, but not least, the Boogie wouldn't even exist without the original farmer himself, Roger Mulkey, and the wonderful daily care we all get from the whole Mulkey family. The same goes for the great on-going support from the Australian Parachute Federation, SQPC, Icarus Canopies NZ, Vector UPT and Cookie.

For more information, visit www.funnyfarmaustralia.com.





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By Josh Costa Photos by Andrew Fabbro

SWOOP CAMP IS A WEEK-LONG CANOPY PILOTING EVENT HELD AT FUNNY FARM, WHERE PILOTS GET COACHED EXPERIENCE RUNNING THE BEST POND IN AUSTRALIA. THE ONE AND ONLY PRINCESS PERRY AKA RONNIE PERRY REPRESENTED ON THIS OCCASION. THE EVENT IS SUPPORTED BY THE APF FI FUND, SOUTH QUEENSLAND PARACHUTE COUNCIL (SQPC), AND OF COURSE, ROGER. THANK YOU!

We had participants from North Queensland, Victoria, Perth and South Queensland come to spend a week on the pond and the weather was pristine. We had multiple Aussie team members coming to train for their upcoming events, people running Freestyle, and some up-and-comers making their first ever water drag!

We spent the week working on all aspects of Canopy Piloting. Using a controlled environment, we worked on everything from flying disciplined circuits, turn dynamics, dragging water, Freestyle moves, pond etiquette and safety, dragging strong down-winders, and team preparation for Dubai.

Over the previous camps, we had advanced pilots from their first time over a pond to now being able to hone in on their skills and bring them to national competitions. The benefits to go and spend a week just focusing on your canopy skills has produced visible results and I can't encourage you enough to do the same at your local drop zone. There is so much experience and knowledge out there. There is no reason not to seek it.

Roger has gone to great lengths to make Farm as accommodating as possible for training camps such as this by the inclusion of the new shearing quarters. This means

good night sleeps, and briefs and debriefs in a comfy lounge room set up with a fully functioning kitchen. This has made a week at Farm more like a week at the Hilton, and the results are reflected by the energy of the participants come day three and four. A Massive shout out to Tiz, Brett and the backpackers for keeping us fed. As always you never let our wing loadings suffer!

We had such an awesome group out there, it made the production of "In the Water" (ITW) extremely easy. ITW was a tribute to the years of hard work Brad Jones put into keeping us all amused with "In the Corner". Thanks Fat Boy!

Once again, a massive thanks to Rob Libeau from the APF and Leanne Critchley from the South Queensland Parachute Council, for your on-going support to better the level of Australian Skydiving – especially Canopy Piloting.

"After an entertaining drive with Selwyn, which passed by effortlessly, and avoiding the sprawling metropolis of St George, we arrived at Roger's Farm. A Sunday evening brief and a firm reminder of the remote location saw the first load of the camp airborne at 08:30hrs on the Monday morning in swoopalicious conditions.



Selwyn



Hannah



Fongo



Carly, Ryan & Gallo

"After months and months of preparing for the Nationals, which happened in March, it was time to let the dogs and dogettes loose on the pond with no gates or course markers in place. The theme of the camp quickly turned into dragging water, and lots of it! A fist full of dirt-water-dirts took place, no mean feat, 90+ meters while dragging water. Carving water drags came into play towards the end of the week – a very important skill especially for Zone Accuracy should you find yourself off-line on approach to the ZA course.

Pretty much everyone found themselves 'in the water' at some point while trying out new dragging styles or just over estimating their powers of awesomeness! Even cheeky young punk Mic got his toe wet running the guts out of his Sabre2 170 with all the power and might of his 120 total jumps! Great to see Hannah there mixing it up with everyone and learning some valuable setup and circuit lessons.

A splendid week and well supported by the Swoopers. Half of the 2017 edition of the Australian CP Team were in attendance to offer support and advice. Some great swoops, some good lessons learnt and always a pleasure to be a part of these events.

Huge thanks to the APF, SQPC, Roger, Tizz, Bretto and the food crew, Ben the Pilot, all the participants that came along and flew safe, and of course, Bigdog-Splohysplishsplashboss Costa for putting it all together! **»» Ronnie Perry (Coach)**

"Whoa! Farm Swoop Camp was epic! Now I wish I had attended all the previous ones. Anyway, a massive thanks to the APF and SQPC for always supporting their canopy pilots. Massive thanks to Roger and his family for looking after us. Very pleased for Roger's pond that kept us safe and especially his new bunkhouse that kept us warm and dry for the week! Special thanks to Ronnie Perry for his "swimming school", and lastly thanks to "Joshua David" Costa (haha) who is THE man putting this camp together. Although he is not very good at explaining how to get to Farm (we drove an extra six hours), he had put in a lot of energy gathering us for this camp. Thank you, bro!

I had so much fun and learnt heaps, I can't wait for the next one. I felt so sad leaving Funny Farm behind me but I know I'll be back! **»» Charly Rusconi**



"I just want to say a big thanks to the mad group of swooping queens for having me out at the Farm! For a guy with such little experience it was very humbling to get this opportunity! I learnt a heap from not only the coaching, but by watching and listening to the guys with tonnes of experience. I am looking forward to progressing and learning more in the near future from all of you! **»» Michael Oro**

"Funny Farm Swoop Camp, Where the learning and laughs are massive. This event has been on my wish list for a while and with the new accommodation at Farm, it made traveling there from interstate affordable. When's the next one? **#Neverbeenwet »» Andrew Fabbro**

"Training camps at Funny Farm are always extremely beneficial when the weather plays ball. The isolation is a huge bonus and helps you focus on what you're there to do – swoop! The fact you can't just call time out and head home after a couple of rubbish runs means you've got no choice but to get back on the horse/aircraft and work at bettering yourself.

It was awesome to see a wide range of skill levels at the recent event, ranging from 200ish jumps through to distinguished gentlemen of the sport like Selwyn Johnson giving it a go. It was even better to see the development of the group and how they all benefited from the wise words (?!), and scathing but funny debriefs of Coach Ronnie Perry.

Canopy Piloting training camps reaffirm my core belief that if you really want to dial-in high performance landings, you must cut out the freefall and focus solely on the canopy flight. No traffic, spot where you want it, time to assess and adjust – none of which you get when you're screaming through 4,000ft with audibles blaring and a track to finish.

Thanks to the Mulckey Family, Ronnie Perry, Josh Costa and the APF Fi Fund for making it happen. **»» Tom Gilmartin**



Potter Ghost Rider, Zone Accuracy



Ray drag, Zone Accuracy



Costa



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PIA SYMPOSIUM

By Brett Newman

“Myth,” you say? Is there such a place where all these amazing minds and personalities can be found in one location?

Well, I'll let you in on a not so secret, secret. All these dreamers and creators gather together every two years in a predetermined location, normally within the U.S.A., to showcase their latest developments, share their knowledge, and come to meet the people for a good time at the Parachute Industry Association (PIA) Symposium.

The original idea of PIA was to assist manufacturers with developing standards for equipment development and work with the legislators to provide workable requirements for the development of parachuting and skydiving equipment. PIA is that and more now. PIA is a collection of like-minded companies, individuals and manufacturers who are driven to improve the equipment that is being developed for today's and future generations of skydivers.

What can you expect at a PIA Symposium?

- Seminars on all topics of equipment, training methods, next generation developments. An exhibition hall packed with displays and working models of all current and future equipment designs and training aids.
- One-on-one contact with the people who have helped develop skydiving into the accepted extreme sport and world class industry it has become today. The chance to socialise with amazing like-minded people from all over the world that have come to meet and share their knowledge with you!
- To make more connections with skydivers, both in the sport and business arenas of skydiving, as well as form and develop friendships that will last a life time.

Is it worth the money and effort to go to PIA?

The cost to travel is always a large consideration with any event, but if you plan early you can get good discounts on the accommodation through PIA. Often there is another skydiving event within the U.S. that is happening just prior or post PIA, so you can piggyback events and spread the cost. Ultimately, it is hard to put a dollar figure on the knowledge and experiences you can gain from participating in a PIA Symposium.

The PIA Symposium was created to bring all the best thinkers, developers, manufactures and teachers together in one place. Every time I have attended a PIA Symposium, I have come away feeling excited about the sport and what amazing people we have working to improve what we do.

PIA is attended my its members and non-members from all over the world and is a melting pot of the new and old from every corner of the globe. To have access to all this experience and skill is truly a blessing.

From the APF's perspective, it gives us the ability to keep in touch with what is being developed in the industry and see how the rest of the world is dealing with situations and incidences that are occurring. We have seen the same types of incidents happening worldwide and PIA provides a forum for all to gather and discuss solutions or improved outcomes.

The APF also uses the PIA Symposium as a point of access to the latest thinkers, teachers and training methods. During the event, we will meet with many of the seminar speakers and manufacturers to develop networks of communication. This assists the APF to stay at the top of our game as a Federation by being able to bring some of these speakers, trainers and manufacturers to our own conferences and provide our members with direct access to the latest training methods and equipment developments.

The APF has been a member of PIA for many years, but this year I was impressed to see most of the full time APF Riggers in attendance. It gives me great confidence, and should to you as well, to know that your APF Riggers are out there actively seeking to gain more knowledge and expose themselves to the most up-to-date techniques in our industry.

PIA is a group of manufacturers, governing bodies and individuals all working together for a common goal; and that is to provide *you* the skydiver or end user with the most up-to-date information and equipment that is available. I encourage you to consider taking a trip to the next PIA Symposium and maybe you can sit with Bill Booth, John Le Blanc or Pat Thomas and have a conversation about what fascinates you, and you can hear what fascinates and spins their wheels!



The Cookie booth



Richard McCooley, Jyro & Brad Turner



Brett with Luke Aitkins



Nancy Reid stretching after packer Racer reserve



Steam punk Vector



The APF Code of Ethics

Do they have a real purpose?

Do you know about the APF Code of Ethics?

If you are reading this article, you are probably a member of the APF. Did you know when you became a member of the APF that you agreed to abide by the Code of Ethics of the APF? Have you ever read the APF Code of Ethics? The APF Code of Ethics are readily available via the APF website. It is a relatively short document, so I have included a copy here for reference.



APF members, officials, clubs and councils are bound by and must comply with the Constitution, Operational Regulations, Regulatory Schedules, Misconduct Procedures Manual, Service Bulletins and Rigging Advisory Circulars.

In addition, it is imperative that all APF members, officials, clubs and councils conduct themselves in a way which will uphold and maintain the professional reputation of the APF, particularly when involved in operations and business activities relating to parachuting.

Accordingly, APF members, officials, clubs and councils must comply with the Code of Ethics outlined below. Any failure to comply with the Code of Ethics could result in sanctions, including the loss of membership or refusal of affiliation.

The following principles set out the ethical standards which the APF expects to be upheld. APF members, officials, clubs and councils must at all times:

- implement the APF's rules, regulations and policies so that the highest possible standards of safety and professionalism are maintained;
- conduct professional and parachuting activities in a way which upholds and enhances the reputation of the sport and the APF;
- act honestly, fairly and properly in dealings with members and the general public;
- refrain from intentionally spreading false or misleading information, whether written, spoken or implied;
- refrain from knowingly using or being party to improper or illegal methods and practices in business and operational activities;
- refrain from any form of discrimination or harassment based on race, gender, age, disability, etc., when such factors do not prejudice the safe conduct of the sport;
- refrain from intentionally injuring the professional reputation of any other member, parachuting organisation or the APF;
- continue to acquire professional skills and knowledge, thereby improving our personal competence and knowledge of the sport; and
- encourage and assist others to develop good attitudes, skills and knowledge relating to the sport.

If any member has evidence that suggests someone bound by the Code of Ethics has breached the Code of Ethics, it shall be his/her duty to inform the APF or its appointed officers.

Authorised by the APF Board, April 2016.

By: Member contribution –
name withheld upon request

Why have a Code of Ethics?

In a sport where unethical behaviour is likely to result in decreased safety and/or put the APF at risk of being subject to legal action, it is imperative that the APF have a Code of Ethics and that they are upheld. Other reasons for proper utilisation of a Code of Ethics in Australian skydiving include:

- Proper treatment of instructors/staff so that they are retained in the industry and not lost to other industries.
- Proper treatment of sports skydiver so they are retained as advocated of the sport and the APF.
- Proper treatment of students so their experience learning to skydive develops them into our future.

Does the APF Code of Ethics have a purpose?

The APF Code of Ethics has a clear purpose. Its purpose is to have the members of the APF conduct themselves in an ethical manner when engaged in parachuting and related activities. It goes as far as to include 'business activities' in relation to parachuting activity. Ultimately, its purpose is to keep skydivers safe and provide guidelines about how we treat each other personally and professionally.

The APF has its code of Ethics clearly defined and published on the APF website. It is accessible to everyone, and all members of the APF agree to be bound by the APF Code of Ethics when taking up membership. The Code of Ethics states in simple language the responsibilities of each APF member to abide by the rules and act professionally and fairly.

The Parachute Instructor Manual and its educational syllabuses include many references to the Code of Ethics. How many of you had an Instructor D trainer who actually included these points when training you to become an instructor?

An increased understanding of the APF Code of Ethics could be achieved by proper inclusion of relevant material in the Instructor 'D' training course. This would require the course instructor to take seriously the need to include this training material.

Is the Code of Ethics' purpose 'real'?

In developing this article, I have discovered that the APF Code of Ethics does, from time to time, get called into use. It would be remiss of me to describe particular events in detail, because quite frankly, the events that I have become aware of are an embarrassment to all APF members.

Perhaps that is the point though.

When someone's actions cause embarrassment to the APF, there is need for the APF to be able to review those actions and take disciplinary steps where deemed necessary. If the embarrassing behaviour does not breach Operational Regulation or other such rules, then the APF needs another avenue to enter into disciplinary procedures. This is where the Code of Ethics can be utilised. A member can be disciplined due to a breach of the Code of Ethics.

It is no surprise to me now that APF members rarely hear about the Code of Ethics being utilised. It seems that most events that require the use of the Code of Ethics for disciplinary action are events that are best kept as confidential as possible.

Misuse of the Code of Ethics

In developing this article, it also became evident that the Code of Ethics can be (or attempt to be) misused. Individual APF members have attempted to use the Code of Ethics as a tool to attack other APF members with whom they have a personal grievance. It could be construed that such an attack, in itself, is a breach of the Code of Ethics. When the Code of Ethics is abused in this way, undue stress is placed on the APF management system. When these cases arise, the APF must still dedicate resources to managing and resolving these complaints.

Conclusion

The APF Code of Ethics is a critical document to maintain integrity within the APF. Skydivers can, from time to time, behave in a manner that requires disciplinary procedures by the APF. Where no breach of Operational Regulations has occurred, the Code of Ethics is the most appropriate avenue to pursue. This is the real purpose of the Code of Ethics.

The Code of Ethics is most often called into play in undesirable circumstances. As such, the Code of Ethics is not a document that is discussed amongst the general skydiving community as often as the Operational Regulations might be. Perhaps this article can prompt members to review exactly what it is they are agreeing to each time they renew their membership.



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IF YOU HAVE A FACEBOOK PROFILE AND HAVEN'T BEEN HIDING UNDER A ROCK THE LAST FOUR MONTHS YOU'LL HAVE HEARD ABOUT DEKUNU. BASED AT SKYDIVE BYRON BAY, THESE NEW KIDS ON THE SKYDIVING-MANUFACTURING BLOCK ARE CAUSING A BIT OF A RUCKUS WITH RUMOURS OF A SMARTALTI.



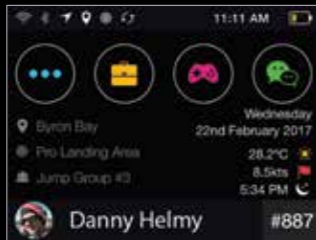
Photos by Kian Bullock

AUSTRALIAN MADE SMARTALTI

The release of information has been a little cloak and dagger. In a nutshell the Aussie startup promises a kind of all-in-one alti come GPS tracker come smart device wrapped up under a shiny touchscreen. They say it will have an intuitive user interface, wireless data uploading, ground speed and heading live data on jump run, jump path mapping, g-force and glide ratio analysis, landing pattern and sloop visualisations, as well as a host of other features.

Features that have been announced on the Facebook page so far include:

- Landing zone analysis
- Super accurate altitude
- Local weather information
- Globally updated local time
- Quick jump review stats
- Wireless software updates
- Reserve due notifications
- Seamless integration with web and mobile apps
- Unlimited jumps stored
- Multiplayer games on the way to height (say what?! We're freaking in.)



Chief Attention Seeker for Dekunu, Shannon Seyb, (you may know her as the Director of Awesomeness from NZ Aerosports) says the SmartAlti is about increasing skydivers' awareness.

“It's a device that helps you be more aware of what you're doing, where you're going, directions you fly, close calls, speeds, canopy performance and landing patterns. It will bring information to light that previously we have only guessed and argued on the landing area about! Plus the data will be displayed in an easy to process way, so you don't need fancy programs or to be a super-tech-nerd to interpret and use it.”

The development of the current Prototype 10 device that was sent out to 40 Dekunu ambassadors around the world for testing in late June is being kept under wraps for now. It's rumoured that the first version will be available for sale in August.

Prototype 9 was tested at Funny Farm, where all the participants had the opportunity to jump it and provide feedback, and again at Cloudbreak Boogie in Fiji.

Prototypes one to eight were engineered between November 2016 and April 2017, so it's been a fast-paced journey of rapid iterations and lots of test jumps for the Aussie startup.

For more information and to keep up with their development follow and Like their Facebook page. They're giving away a free SmartAlti to one lucky person who signs up at their website, so get involved if you want to be the first to show off the latest skydiving tech.

Dekunu: <https://dekunu.tech/> Facebook: <https://www.facebook.com/dekunutech> Instagram: @dekunugram



DEKUNU TEAM MEMBERS

- Brent Chandler Chief Nerdlinger
- Shannon Seyb Chief Attention Seeker
- Jill Grantham Chief Unicorn Wrangler
- Tracy Scott Head Biscuit Dunker
- Irish the MC Head Trouble-Maker
- Simon Colmer Data Ninjaner
- Danny Helmy Crash Test Dummy
- Mason Corby Handyman
- Dakota Keen Production Manager

Got Questions? Get Answers!



2017 'THE YEAR OF NIGHT JUMPS'

4-8 September, 2017 (Full Moon on 6th)
27th November - 1st December, 2017 (Full Moon on 4th)

2018

Mon 29 Jan to Fri 2 Feb, 2018
Mon 23 Apr to Fri 27 Feb, 2018
Mon 25 Jun to Fri 28 Jun, 2018
Mon 20 Aug to Fri 24 Jun, 2018
Mon 15 Oct to Fri 19 Oct, 2018 *Pre Equinox Boogie
Mon 17 Dec to Fri 21 Dec, 2018



skydive
ramblers
★ TOOGOO LAWAH DZ

Add another elephant...

By Kelly Brennan, Volunteer / fun jumper / Board Member



Can we afford a future without APF volunteers?

When we talk about an elephant in the room, let's not overlook the costs we'd all have to pay if the APF and our sport go totally commercial.

Jed Smith wrote an impressive piece recently which summed up why sports jumpers have a lot to be grateful for in our rapidly growing world of tandems. Under the heading, 'An Elephant in the Room,' Jed clearly explained why we, fun jumpers, need to embrace the business activity around us. He articulated why so many drop zones are tandem-only and why it's harder for a full service drop zone to operate.

He really nailed it. I agree that too many fun jumpers just don't realise how the industry is subsidising our opportunities in skydiving. We need to clear away the empties from the drop zone and watch our language in front of customers.

But, when we look at this mutually beneficial loop, we mustn't leave out a key element. Volunteers. Jed asked the million-dollar question about where we'll be in ten years. He asked how we'll invest, and what type of community-led action will support our continued development and existence.

I can't help but wonder the same, especially if we don't talk about that other elephant in the room.

How long can we keep relying on volunteers if we don't even acknowledge the significance of their role in our business? Not just our sport. Our industry.

To a huge extent, the business of skydiving is successful off the back of hard work by volunteers. Fun jumpers do need to be grateful to drop zone operators and tandem businesses. But drop zone owners and tandem masters also need to acknowledge the volunteers who enable all of them to do what they do.

Can anybody think of any other industry where businesses and workers can have a decent career that

is so dependent on the work of volunteers? Is there any other professional industry where the annual membership is around \$200 a year, subsidised so heavily by the work of volunteers?

The APF is led by a Board of Directors who are all volunteers. When there is airspace access to be fought for and other aviation industry lobbying to be done, it's often led by volunteers. Volunteers manage our governance system, which allows us the freedom to skydive. Our funding for events is due to the work of volunteers. Our state councils are run by volunteers who are committed to developing our sport. Many of our manuals are written by volunteers who are passionate about better education.

They aren't just boring old admin types who used to jump. Our volunteer base includes active fun jumpers, competitors, business owners and professionals from all walks of life. Many of them put in the equivalent of a full-time working week for an unpaid APF role.

Naturally, we also rely on the expertise and hard work of our APF staff and the success of our industry to keep it all ticking over. But, no matter how many employees we have, or how many tandem students spend a day in our world, we are still a Not for Profit organisation which is dependent on volunteers. For every operator or tandem master or employee who makes a dollar in our system, there are many unpaid contributors behind the scenes who enable this to happen.

This contribution really does keep costs down for fun jumpers and work jumpers alike. We don't pay much for the rights we have as APF members. Think about other professional workers who are trusted with people's lives. Doctors pay up to \$1,500 a year for their professional association and graduate engineers pay more than \$500.

It's very easy to say that we should just pay everybody who works in skydiving. We're doing well and we should stop relying on unpaid contributors. But that would be very expensive for all of us. More expensive than most people think.

I don't know just how much it would cost and I can't even begin to calculate. Maybe half a million to one million dollars more? I've read that CASA Board members cost about 80K each in remuneration and expenses. Safe to say we'd all pay a hell of a lot more for regular APF membership, let alone ratings and audits and every other element of the work done in skydiving.

Let's not forget that our membership of the APF brings credibility with regulators, collective strength, education, sound financial management for the future, insurance and funding opportunities. It gives us the freedom to skydive and the ability to make our passion our profession. (Not to mention the funding/judging support for competitors and a host of other sport-related benefits that are not part of this industry discussion.)

So, back to the tandems and what we gain from them. They enable a multi-million-dollar industry, which employs skilled and unskilled workers. But so too do the volunteer leaders

who give their time and expertise to support the industry. These people do so because the industry, in turn, supports our sport. And our sport provides workers for the industry. We're back at that mutually beneficial loop again, but this time it includes volunteers as a major element.

Every time I board a super Caravan, paying as little as \$30 a slot to 14K, I'm grateful for the changes over the past 20 years. Yes, the tandem students arrive in the courtesy bus, make a mess of the toilets and take way too many selfies on the ground before disappearing back to their mundane lives. But, because of them, I'm no longer confined to a cold 35-minute flight, with my legs contorted under or around a mate in a door-less little plane that struggles to get to 10K.

I totally appreciate the operators who've invested their time, money, and bloody hard work to get a drop zone running and to build their business. I appreciate the 170,000 tandem passengers each year who spend their money on a once in a lifetime experience with us. And the Tandem Masters who put in long, physically-demanding days to take these people in the sky.

But I also understand the value of being a volunteer organisation. And I believe the appreciation needs to work in every direction.

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safety matters

"What hurts people in skydiving is not recognising deficiencies and simply acting like they don't exist." – Kevin Keenan

The following are a sample of incidents from those submitted to the APF between April - June 2017 (incl.), 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: Any 'Actions' stated are taken verbatim direct from the incident forms.

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

WINGSUIT EXITS

Tail Avoidance: The tail is much closer than it appears. There are many factors that can affect your exit in a wingsuit. Aircraft jump run speed is a large factor. Our body position on exit is critical. We must exit controlling the wing until we have fallen below the tail. The wing must be held collapsed for several seconds to guarantee clearance of the aircraft.



In Australia over the last eight years there have been seven hits and two close calls reported of wingsuiters making contact with the tail of the plane after exit. Each one of these could have resulted in serious injury to the jumper, damage to the aircraft or significant increase in risk to all on board if catastrophic damage had been caused. Thankfully none did.

Not so lucky was a jumper in the U.S.A. a few years back. An experienced wingsuit pilot exited from a Twin Otter, inflated wings as he exited the plane. Presumed dead on impact with the tail (horizontal stabilizer), AAD fired, but he landed away from the drop zone, about 800ft up in the local mountains.

This then raises a red flag as a subject that must be taken seriously and those using unfamiliar aircraft need to gain instruction on how to safely exit these planes, whether doing a solo or involved in a large flock. In any side door aircraft, premature opening/partial/full inflation of the wings of a wingsuit in or just off the door can result in striking the tail of the aircraft. Jumping up off the door can also be considered a problem.



- Some aircraft doors will be difficult to negotiate due to the restricted arm and leg movement with the suit in the jump configuration.
- On side door aircraft, especially those with a low tail, there is a significant danger of a tail strike. For this reason, all side door exits should be made with all wings collapsed until the jumper has fallen a safe distance below the aircraft – typically two seconds or more.
- NEVER exit an A/C in a wingsuit with an upward step in your exit launch, as this will pose a very real danger of a tail strike.
- Wingsuit jumpers should practice the exit on the ground using a mock-up or the actual aircraft.

For more information on wingsuit exits, see the APF Wingsuit Training Guide available on the APF website: www.apf.com.au.

AIRCRAFT/EXIT

Certificate E, jump 840. Aura 2 Wingsuit (Squirrel).

The plan for the skydive was to conduct a performance wingsuit jump, as a solo flyer. The aircraft climbed to 13,000 feet AGL. Another wingsuit pilot, instructed me to assist him in opening the door. It is challenging for an individual to open the door due to the limited range of movement available, while wearing a wingsuit. I then waited approximately seven seconds, and while facing towards the front of the aircraft, I launched from the aircraft with my hands, palms inverted, and against my chest, elbows tight against the body, as I have previously been instructed to, to keep the wings deflated on exit. Upon exit it felt as though the airflow twisted me to the left, I then felt an impact force on my left buttock.

The rest of the skydive was insignificant with full control of the suit regained shortly after the impact. I landed on the drop zone. I collected my equipment and communicated to other wingsuit pilots on the load as to what I had felt on exit. I then approached the pilots, who had shut down at this stage, to alert them to inspect the aircraft for impact damage.

At this stage, I noticed a dent 4mm deep, 14cm wide and 4cm high, running along the underside of the front of the left-hand side of the horizontal stabiliser. The aircraft was then grounded pending further inspections.



Compiled by:
Kim Hardwick
APF Technical Officer

Certificate E, jump 651. A 2-way wingsuit jump. Jumper exited 2nd and had a tail strike with his heel after exiting. He made contact with the leading edge of the left hand horizontal stabilizer, hardly noticed hitting the tail and continued on with the 2-way. Landed safely at drop zone. **Action:** Jumper was severely spoken to about the seriousness of this incident and was also questioned about wingsuit procedures exiting aircraft. Jumper is a wingsuit coach and is very aware of the seriousness of this incident and procedures.



DEPLOYMENT PROBLEMS/MALFUNCTIONS

Certificate D, jump 485. Mirage container. Crossfire 129 Main canopy. Participating amongst a 4-way wingsuit jump. I pitched a little lower than I normally do and had a hard pull. In the extra second it took to throw the pilot chute, I became unstable. Went into a dive. Very unstable pitch. A lot of line twists with violent swinging around consistently under Main. Barely had taken my arm wings out when the 2,000ft audible started beeping. Commenced emergency procedures. Reserve open with minimal line twists. Landed safely.

Certificate C, jump 173. Talon container, Safire2 189 Main, Airforce 180 Reserve. 3-way Head-Up jump went ok. Jumper not sure if he heard Dytter @5,000ft or 4,000ft due to position in helmet. Jumper tracked away on back, became unstable. Once stable, jumper tracked again 3-5 sec, then deployed Main parachute. Main canopy opened, then Reserve opened. Canopy flew in bi-plane. Jumper used rear risers to steer. Jumper landed off drop zone. No inputs were used on landing and PLR was performed. Jumper said landing was soft. **Action:** DZSO and CI discussed about action. Second serious incident from jumper. 28-day grounding was given. Jumper to do coach jumps showing altitude awareness, stability and recovery techniques.

Certificate B, jump 72. Atom container, X-Fun 190 Main, Techno 155 Reserve. Jump was a 2-way Freefly. Normal break off at approx. 5,000ft. Jumper stated that her Main opened with line twists. She attempted to pull the risers apart but said she was not using her legs to kick. She did not know why the Reserve deployed. Canopies were in a down plane configuration, staying that way until impact. She stated that her training (overseas) taught her that with 2-out they should stay with two parachutes and fight it, not to cut away. Possibility that RSL lanyard was snagged when jumper was attempting to clear line twists. She sustained serious injuries.

Note: The APF Canopy Piloting Guide includes a section on dealing with two parachutes out. As there are a number of scenarios and options, take the time to read and discuss. In summary, being in a dual square situation calls for quick evaluation and quick action. A down plane plummets out of the sky at a high rate of speed. The best thing to do in a down plane situation is to disconnect any RSL and cutaway the Main canopy.



Certificate A, jump 51. Micron container, Sabre 190 Main. Uneventful freefall. On opening, 4,500ft, looked up to check canopy, could see step-through type malfunction. Released brakes, this started canopy to spin. Emergency Procedures performed, excellent Reserve opening by 3,500ft. Landed on drop zone, nil injury. **Action:** On questioning the jumper, after last jump he packed canopy into D-bag, stowed lines but did not close container due to taking it home for cleaning. After cleaning closed container, he has accidentally put bag thru line group packing a malfunction. He was told if any break in the packing procedure, to start the process from the start again. He fully understands this now.

Certificate E, jump 1580. Omega 179 Main. On deploying after an uneventful 4-way flat jump jumper started to pull his slider down onto his risers. Slider got caught on one of his toggles. He was unable to release one toggle. He made several attempts, whilst adjusting canopy heading with released toggle. Canopy began to wind up faster.

Jumper looked at the ground and felt he had adequate altitude so elected to cut away. He returned to freefall for 3-4 seconds before deploying his Reserve. Reserve opened well and jumper landed off drop zone without further incident.

The incident was observed from the drop zone. Reserve opening looked very low. Jumper did acknowledge that he had to find a landing area quickly as he realised he was lower than he thought. Jumper stated that he had encountered an issue pulling his slider down on the previous jump that same day and had intended to follow up and have his gear checked after the day's jumping.

Action: All gear was retrieved and checked. On inspection, the Reserve closing loop was found to be intact, however it was discovered that the CYPRES had fired simultaneously. Jumper has since very agreeably, had an RSL reinstalled on his equipment. He acknowledged that he did not actually look at his altimeter prior to cutting away, but rather gauged his altitude visually. Jumper is an experienced older jumper who was very welcoming of all recommendations. He was disappointed with his error of judgement and was very grateful for all input following the incident.

Certificate F, jump 6500. Micron container, Leia 79 Main. Freefall was uneventful, upon Main deployment, two A and B lines snapped below the cascade, and one line snapped at the soft link. The canopy spun into line twists with a moderate dive. It was an uneventful cutaway and Reserve opening with a skyhook activation. Jumper landed back on the drop zone uneventfully. The lines had roughly 200-250 jumps on them and looked a little rough, but he thought they were Vectran and assumed they were OK. **Action:** This is not the first time that this jumper has broken lines at this Boogie. Everyone is reminded before the event to bring their gear in tip-top shape. Jumper had a spare line set in his gear bag but was unable to have them changed before the event. Jumper was reminded that if your lines look shagged then they are probably about to break, especially if they are highly loaded and thinner than normal (i.e., HMA lines on Leia's and Valkyries). High performance canopies demand a lot of attention to detail. He was reminded to replace his lines sooner rather than later.

CANOPY CONTROL/LANDINGS

Certificate E, jump 780. Javelin Odyssey container, Katana 120 Main canopy. Jumpers first jump of the day. Jumper was swoop training doing 270 degree turns. He started turn at a good height but dragged turn out too long and canopy did not recover in time. He impacted ground with feet and a very minimal flare. He then was flipped upside down and landed second impact on head. Jumper was unconscious for 60 sec and femur was broken. **Action:** Debriefed landing once home from hospital. DZSO and another highly experienced swooper and CI watched many landings of jumper during a recent canopy course and compared it to the landing in question. It then became obvious that the turn had started lower than normal. A good 270 had been taking 16 seconds and the landing in question took 10 seconds. Jumper had done Hop 'n' Pop and training jumps doing this turn on this canopy. He was wearing some lead to increase his wing loading before trying to downsize. This was his 3rd jump at this WL.

Certificate A, jump 34. Navigator 240 Main canopy. Aircraft made a few circuits at original planned exit height of 6,000ft, before descending to 3,500ft due to poor visibility. Jumper was then one of five to make solo exits. He appeared to travel too far downwind and upon turning into wind for final approach, appeared to be flying towards power lines and buildings. At about 50ft, he took avoidance action by turning approximately 90 degrees to the right, which increased his

descent rate and forward speed. According to a witness at the scene, he landed hard and fast on his feet, but immediately fell onto his chest, and his momentum took him head first into a concrete culvert, where he sustained serious injuries.

An inexperienced jumper with appropriate equipment and subject to healthy oversight at a relatively unfamiliar drop zone made an incorrect decision in his landing pattern and then waited too long to look for possible outs.

Certificate E, jump 1280. JFX 109 Main canopy. Jumper says, normal approach and landing until his foot clipped a small dirt mound. DZSO says, approached with a 90° carving turn, too low to ground. Jumper applied deep breaks to dig it out then slammed feet down on the ground to avoid going into the F licence landing area. In doing so landed in an area the airport owner had recently spread soil. The jumper hooked his foot on a chunk of dirt causing the injury. Fractured tib and fib. **Action:** Jumper and DZSO had a conversation about the landing and the chain of events leading up to the incident.

GEAR CHECK

Floating Handle

This jumper experienced a floating Reserve ripcord handle while jumping with a costume for a television commercial. He received multiple gear checks before exiting, but the handle dislodged as he moved toward the door of the airplane. Although the handle floated loose, the Reserve ripcord pin stayed in place throughout the freefall and canopy descent, and the jump was otherwise uneventful.

Reportedly, the Velcro used to hold the handle in place on the main lift web was worn out and did not properly hold the handle in place. Velcro wears out relatively quickly with repeated use. It is safest to replace Velcro at the first sign of wear rather than waiting until it creates a dangerous situation.

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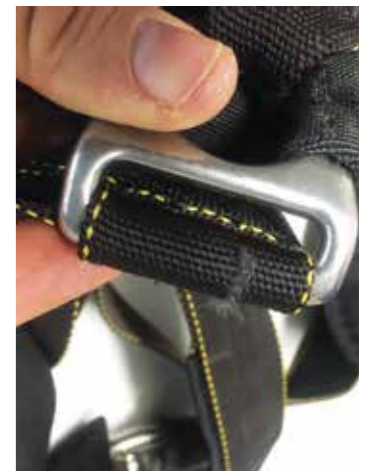
A Close Call

A rigger discovered this nearly dislodged Reserve pin when the jumper presented the rig for its scheduled Reserve repack. The jumper had leaned against a rail on the rear bulkhead of a Twin Otter two jumps earlier, almost dislodging the pin. He then made another jump without a pin check. To avoid the potentially deadly consequences of a Reserve deploying in the door of an airplane or in freefall, each jumper should take care when moving around inside the plane and should always check the Reserve pin along with the rest of the rig prior to every jump.

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Rigging Report. Javelin Harness. Wear to turn-back of Main Lift Web at hip ring slot. Discussed with owner who has been attaching camera wings to the hip ring with a small carabiner at the slot where rubbing has caused the webbing to be cut on one side and slightly scuffed on the other. **Action:** Damaged MLW replaced and rings added to the leg straps for camera wing attachment.



Break Off and Tracking Tips



- Don't miss break off altitude. If you do, you can either track less and deploy closer to other jumpers (bad), or track to get sufficient separation and pull low (bad). When it's time to break off, just break the hell off and GO... quickly!
- Track 180-degrees from the centre of the formation.
- Tracking is a survival skill. Learn to flat track. Speed is not important in tracking. The relative angle to the ground is what is important. The more horizontal distance you cover for the least amount of altitude lost is what creates the maximum separation from other jumpers. Always strive to improve your tracking, the better you can track, the safer you are.
- The lower jumper has the right of way. Therefore, it is incumbent on you to ensure you are not above someone. A glance over your shoulder is OK, but you should be primarily looking where you are going and ensuring there is no one below you. At 180+ km/h, spotting someone below you in the ground clutter is difficult.
- If you aren't tracking because you are clear of all the other jumpers in the air, pull. If you are not clear, keep tracking to get clear. Getting clear and then stopping your track to wait for pull altitude is wasting valuable altitude.
- Perform a big wave off before deployment on every skydive. Our eyes naturally are attracted to movement. A big wave off while slowing down from the track can make you much easier for another jumper above you to spot.

Gear TIPS



By Derek Vanboeschoten, updated by Brett Newman

THIS LIST OF **GEAR TIPS** WAS FIRST PUBLISHED ON DROPTZONE.COM BY GEAR & RIGGING FORUM MODERATOR, DEREK VANBOESCHOTEN. DEREK IS A SENIOR RIGGER, TANDEM MASTER AND AFF INSTRUCTOR WITH MORE THAN 3,300 JUMPS.

IT IS REPUBLISHED HERE FOR YOU, WITH UPDATES FOR APF MEMBERS, BY BRETT NEWMAN. BRETT IS THE APF NATIONAL RIGGING OFFICER AND AN APF SAFETY AND TRAINING OFFICER. HE HAS MORE THAN 13,500 JUMPS, IS THE OWNER OF DOWNWARD TREND RIGGING, AND HOLDS APF RIGGER, INSTRUCTOR A, WITH AFF, TANDEM, AND SFF ENDORSEMENTS; AND HAS BEEN RIGGING SINCE 1997.



- Use soft links for the Main and manufacturer approved soft links for Reserve canopies instead of Rapide links. Soft links are stronger, lower bulk, easy to install and remove, do not side load and won't damage the slider grommets.
- Clean cutaway cables every 30 days with WD40 or a similar product and lubricate with a dry silicon, food grade silicon is recommended by some manufacturers, to keep cutaway pull forces low.
- Inspect cutaway cables every 30 days and replace nicked or kinked cutaway cables with a new cutaway handle/cables.
- Flex 3-rings every 30 days to prevent them from taking on a "set" and hanging up during a cutaway.
- Inspect Rapide links and bumpers or soft links every 30 days. Always use slider bumpers with Rapide links to prevent damage to the slider grommets, "Lock-Tite" to keep the link from loosening, and nail polish to torque-stripe Rapide links.

- Use metal, capped or flexible pvc inserts in the riser channels for the excess cutaway cables, regardless of Main size or type. They prevent difficult or impossible cutaway resulting from the channel "gripping" the cables or from line twists that include the excess cutaway cables.
- Replace the Main closing loop early and often. Adjust Main closing loop so that the closing pin is snug. Use a stainless steel washer thick enough that it won't bend when closing the container.
- Have Velcro replaced every 100-200 uses.
- Use a kill line pilot chute, regardless of the size/type of Main canopy you have. Check the length of your Main pilot chute kill line every 30 days. The kill line should have a little slack in it when the pilot chute is "cocked" and the bridle is under tension. If it doesn't, have it fixed.
- Replace a damaged or old kill line pilot chute with a new one.
- "Cock" a kill line PC after laying the cocooned canopy on the ground and just before putting the canopy in the deployment bag.
- Take the twists out of steering lines every jump or, at a minimum, after the last jump of the day.
- When setting the brakes, set them so that the steering line is to the outside of the riser, as the steering lines are connected to the outboard tail seam of the canopy. This will prevent premature wear and damage of the toggle stow on the top of the rear riser. Stow the excess brake line down through the webbing or elastic stow band on the rear riser to prevent premature wear of the stow band.
- Keep gear out of the sun as much as possible.
- Use Velcro-less toggles/risers. Velcro requires replacement every 100-200 uses, and Velcro damages the steering lines, risers and anything else it comes into contact with.

- Replace mini-risers every 500 jumps or less. Inspect them every 30 days for wear.
- While packing, look over the lines and note to see if there is any visible wear. Pay particular attention to the centre A and B lines, as these lines initially take much of the load during opening and are more effected by slider wear. Spectra shrinks more rapidly than other line types from the friction heat caused by the slider grommets, pulling the canopy out of trim. Pay special attention to steering/control lines. Replace line sets that are significantly worn or out of trim.
- Use the proper size rubber bands for your canopies line type. Replace old or damaged bands before they brake. Use the same type and size of rubber band on all the line stows of your deployment bag. 'Tube Stows' may be used, but replace worn or stretched tube stows regularly. Never double wrap tube stows.
- Have your rig washed every 500 jumps or so, more if jumping in a sandy or salt-water environment.

What to do After Landing Your Reserve:

First, place the toggles back on the Velcro. This will prevent the hook half of the Velcro from damaging the lines. Second, daisy chain the lines. Use the slider to keep the daisy chain from unraveling. This will keep the lines neat and untangled. If you have an RSL, remove it from your Main canopy and re-mate the Velcro to keep the hook Velcro from damaging your gear.

Be very careful with the canopy. Get it out of the sunlight and into a large plastic garbage bag and then into your gear bag. Be careful when zipping the gear bag shut to not get any fabric caught in the zipper. As long as it is clean, put the Reserve pilot chute and free-bag in the centre of your rolled up Reserve. This will protect the spring inside the Reserve pilot chute from damage.

Do not take the Main canopy off of the risers to untangle it. If got tangled on the risers, it will come untangled on the risers. Taking the canopy off the risers, or worse, the lines off the links, will only make the job of re-assembling the Main more difficult.

Put the cut away cables and Reserve ripcord back into their housings and the handles back in their pockets. This will prevent any dirt on the cables from getting on the Reserve or the Velcro from damaging lines, the container, or the Reserve. If you lost one, or both handles, or free-bag and Reserve pilot chute, order a new one and have it shipped to the Rigger or Packer A. Make sure when ordering handles or free-bag to order the correct size for your harness/container. Your Rigger or Packer A can assist you with ordering any replacement parts.

In the gear bag, put a card with your name, address, phone number(s), and any special instructions, such as "install/replace soft links", "wash the container", "remove/install RSL", "I need the rig by this weekend", etc.

If you have an AAD, check your Reserve packing data card to see when the scheduled maintenance or battery replacement is due. If the maintenance or battery replacement is due (check with the AAD manufacturer for service cycle and battery replacement requirements). Make arrangements with your Rigger or Packer A to ship the unit, or have your Rigger or Packer A remove it and ship it yourself. Always check with the manufacturer on return shipping procedures and documentation. Some manufacturers require units being returned to be handled through their dealer network.

canopy COLLISION DECISIONS

Article by Steve Smith Contributions by Jules McConnel & Greg Jack

AS SKYDIVERS, WE ARE TAUGHT HOW TO AVOID CANOPY COLLISIONS. AVOIDING AND DEALING WITH CANOPY COLLISIONS IS BUILT INTO ALMOST EVERY ASPECT OF SKYDIVING. YET COLLISIONS REMAIN ONE OF THE MOST LIKELY WAYS TO DIE IN THE SPORT. PART OF THE PROBLEM IS THAT THE EMERGENCY PROCEDURES ARE NOT COMMON SENSE OR KNOWN BY EVERYBODY. YOU CAN ONLY LEARN THESE ON THE GROUND. ALL CANOPY COLLISIONS CAN BE BROKEN DOWN INTO THREE CATEGORIES WITH SPECIFIC PROCEDURES.

TYPES OF COLLISIONS

- 1) **Entanglement:** If both jumpers and containers are clear of fabric and lines, but canopies are stuck together, it is an entanglement.
- 2) **Wrap:** If there is any fabric or lines on either person or their container, you are in a wrap.
- 3) **Low Altitude Emergency:** If you are below 1,000ft you will not have time to identify anything else and your options are limited.

WHAT TO EXPECT

Canopy collisions can be violent. When the canopies wrap or entangle with something or somebody they often partially collapse and continue trying to fly in different directions to each other. This asymmetry often results in spinning and bucking. The pilots get flung around and possibly constricted. Communication with full face helmets and visors may be very difficult.

They can be a low or high speed emergency and can quickly change.

Many canopy collisions require no action. Canopies can collide with each other or a person and separate themselves quickly with no input from the pilots. If you have a canopy collision you need to identify the emergency before acting. There is no situation where immediately cutting away is advised.

After a collision, your priority is altitude awareness and emergency identification. If you have just deployed normally then you are probably still around 3,000ft. Opening heights are set to allow for this type of emergency. You have time. Do not cut away. Yet.

ENTANGLEMENT PROCEDURES

When both canopies are entangled but the jumpers are clear, it will be a high-speed emergency that requires both jumpers to cutaway. Allow the upper jumper the opportunity to cutaway first. A cutaway from below another jumper increases the risk of lines or risers getting caught on them. If it is uncertain who is the upper jumper but you are sure your cutaway will not hit the other jumper then the order is not critical. Stagger the cutaways so both jumpers have clear space to deploy their Reserves.



Entanglement: Both jumpers are clear of fabric and lines. Uncertain who is the upper jumper.

WRAP PROCEDURES

If you have fabric or lines on you then you are the upper jumper in a wrap. Do not cutaway. If you are the lower jumper in a wrap your priority is helping the upper jumper. The upper jumper is in the most dangerous position. The lower jumper does not cutaway until:

- a) Upper jumper tells you to "Cutaway".
- b) You reach your lowest safe cutaway height.
- c) Upper jumper stops responding.

If you are the upper jumper, your canopy is still trying to fly. You need to keep your canopy until you have a better option. Your aim is to work your body and container free of all fabric and lines. Protect your handles from an unplanned cutaway or Reserve deployment. Follow your risers up and out of the fabric. If you cannot get clear then releasing the lower jumpers weight may help. Instruct them to "Cutaway". You now need to clear or contain (and land with) the fabric. Never cutaway when you have lines or fabric on you or your container.



Wrap: View from Lower Jumper



Wrap: View from Upper Jumper



Upper Jumper in Wrap: Unsafe to cutaway – clear or contain lines and fabric

LOW ALTITUDE PROCEDURES

Below 1,000ft the only concern is having a survivable decent rate. Do not cutaway. The options are limited to:

- a) Keep what you have if it seems survivable.
- b) Add more fabric by pulling your Reserve handle.

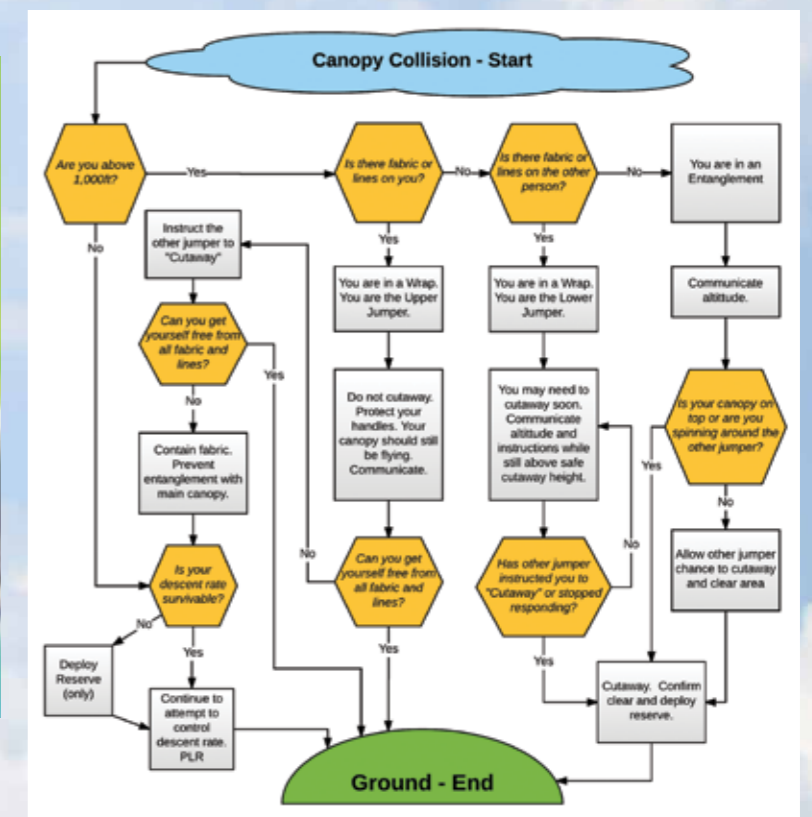
A Wrap or Entanglement can become a Low Altitude Emergency if not dealt with in time or if the collision happens in the landing pattern.

Knowing canopy collision emergency procedures is great but it is not enough. There will be two people involved. Your highest probability collision is with one of your close jumping friends.

Help educate them like both your lives might depend on it. For a full ten-page guide including advice on communication, RSLs, hook knives, go to: www.rotorout.com.au/download.



About the Author: Steve Smith has been skydiving for over fifteen years. He is a multi-time 4-way and 8-way Australian National Champion. He is a current member of the Australian Team "Rotor Out".



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THE FREQUENT iFLYER PROGRAMME



When asked about what's in store for the future, Kieren responded "Well, we're just getting started. We just released the Monthly Member Lotto draw, which is pretty cool. Every month we're giving away between 5-15 minutes Free Flight Time to a member (Bronze and above) who flew with us during the month. I can't let all the secrets out right now, but I can say that there's more to come and the programme gets better and better. The people who achieve and retain the higher status levels are soon going to find out all about that". For full details of the programme, visit the Frequent iFLYER website: www.ifly.com.au/ff.

January 1, 2017, saw the release of a brand-new customer loyalty and rewards programme being rolled out across all Australian ISA Group-owned wind tunnels, including iFLY Downunder, iFLY Perth and iFLY Gold Coast.

The programme is designed to encourage and reward the core behaviour of what it is to be a true Frequent iFLYER. Kieren James, architect of the scheme and National FIF Programme Coordinator says, "We looked at a variety of ways to design a new loyalty scheme, but ultimately we wanted to recognise those who fly with us regularly and keep the community and atmosphere going above all else. These are our true Frequent iFLYERS".

The new programme is designed to provide real rewards that people value; "It's simple really, the more you fly, the more benefits you receive, and the core benefit is what everyone told us they wanted... free tunnel time", says Kieren, "anyone can earn up to 90mins free flight time per year".

The programme works very much like an airline programme. Every time you fly (block time), your Frequent iFLYER time accumulates and you progress through status tiers from Bronze to Silver, Gold and Platinum, with incremental benefits at each tier. Enrolment is automatic and free, with the first status level of Bronze awarded at just 60 minutes of block time flown.

ISA Group are proud to have pioneered this type of programme in the wind tunnel industry.

"We didn't see anyone else doing anything like this" says Kieren. "Some other tunnels offered discounts or club memberships, but none truly rewarded their customers on an ongoing basis the way this programme does.

Since launching the new programme at the start of the year, there were over 850 FIF members within eight weeks, and some had already reached the top status tier of Platinum for twelve hours of flying. The programme now has 1,600+ members spread across all the status tiers and continues to grow."

MYLES AND VICTORIA (Platinum Members – iFLY Gold Coast)

* Myles and Victoria are our first Platinum members and have been awarded over 1.5hrs Free Flight Time!

"It's awesome to be rewarded for the amount of flying we've done so far, and rewarded in extra flight time, especially how fast we got it... thanks iFLY!"



DMITRY KRYUKIN (Gold Member – iFLY Downunder)

"I visited iFly Downunder for the first time a couple of years ago to improve my skydiving skills. It does help you to fly better in the sky, but at the same time it's a different sport and a different kind of enjoyment. The feeling of flying is one of the best feelings. And it's great that it's possible to fly for free now thanks to the Frequent iFlyer Programme."



CHRIS SLADE (Silver Member – iFLY Perth)

"You don't need to do much to convince me to get down to the tunnel and fly... but getting rewarded with free flight time just for being a regular is a great incentive to fly even more; it's awesome that they care about how much we fly!"



MATT HOLMES (Gold Member – iFLY Perth)

"Just relocated to the West and the wind is good! Amazing tunnel, awesome staff and coaches, backed by a wicked Frequent iFlyer Programme. iFly Perth is Rockin!"



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ON THE AIR

CONGRATS JONNY MAC

JON McWILLIAM recently did his 24,000th jump, over Picton, N.S.W. TRACEY BASMAN said, "We just finished turning five points with the tandem pair, then built a Star after they deployed"



KEEP IT IN THE FAMILY

By Lee Barton

My first born, SIENNA BARTON, who cracked eleven years old in May 2017, gathered up the courage to go and do her first Tandem with me.



The crew at Skydive Australia were completely supportive of the endeavour. After paperwork was sorted, we secured a slot at Barwon Heads (thanks to CODY, ARNIE and TIBBITS.) In true 'Vicco' fashion, the weather was fantastic, in spite of being a little brisk. We took a ride in VH-HAM (BOWIE'S 900 hp beast) up to fourteen grand for the jump.

Nerves were kicking in when the door was opened and we shuffled down towards the biggest step of her life. Exit position, and ready, set, spaghetti... She enjoyed her jump, kicking and screaming her dear ol' dad all the way down to a stand up landing and relieved mum waiting at the drop zone.

I am lucky enough to still be doing both AFF and Tandems after getting my first Instructor 'D' rating through FRANK SMITH at Corowa in 1997. My, how things change. Great facilities, aircraft and gear surround us along with the enthusiasm of our younger members coming through, I can only hope that my baby girl, Sienna, continues on in jumping or any other passion for which she finds a liking. (She can kick a footy too).

R.I.P. HARRY SWAIN

By Kim Hardwick

Life Member and former Chief Pilot of the Newcastle Sport Parachute Club, HARRY SWAIN, passed away on 14 June in his sleep at his home in East Maitland, N.S.W., aged 94.

Harry was a Member of NSPC for over 50 years; for a large part of that flying loads, looking after aircraft, training new jump pilots and overseeing the general aviation of the Club. He did so as though it was just "the thing to do." All he ever wanted was fuel money and a VB handed to him once landed after the last load.

His contribution to the Club and to the lives of its members is immeasurable. The NSPC was built on the shoulders of giants, well Harry was certainly one of those giants.

In 1993, along with receiving the APF Service Award, Gerald Henry Swain was also awarded FAI Air Sports Medal for over 30 years' service as Chief Pilot to NSPC.

The FAI Air Sports Medal was established by the FAI Council for the 100th anniversary of Otto Lillenthal's first flights (1891). It may be awarded, at any time, to individuals or groups for outstanding services in connection with air sport activities like work in FAI commissions, organising World and Continental Championships, training and educating new pilots, or for promoting aviation in general, especially with regard to young people.

A gentleman and ambassador for the love of flying, he was an inspiration in so many ways to so many different people.

Deepest Sympathy to his wife Audrey, family and friends.
Fly Free Harry and Happy Landings.



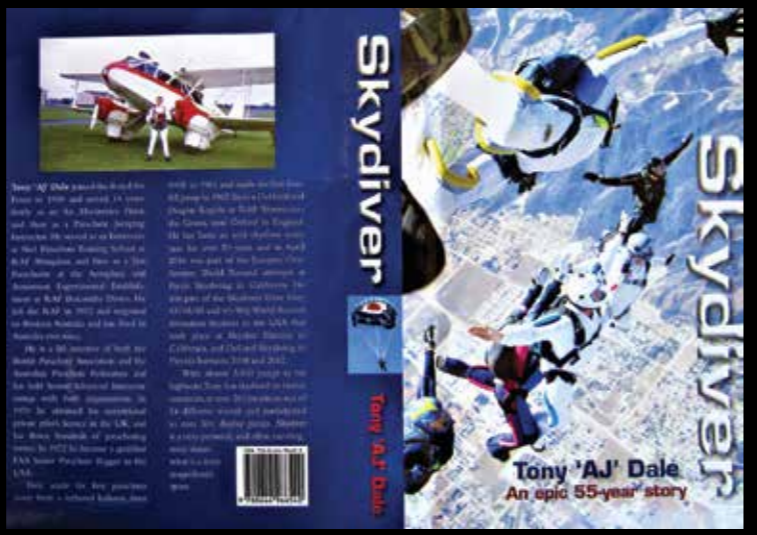
ON THE AIR

BOOK RELEASE

Epic indeed! Long time jumper, TONY DALE, has recently released his memoir "Skydiver: An Epic 55-Year Story". Tony recounts many adventures including fabulous aircraft, memorable demos and great people, with many wonderful colour photos throughout. He gives younger readers insight into the development of our sport and it's equipment, which is a little eye-opening, as are a few of his near-death experiences, all the while keeping readers enthralled! He's done a lot in his 55 years, the numerous world records were of recent years, showing that you only get old if you give up skydiving. Pat Moorehead of the US says, "If you think you've heard it all, this book will prove you wrong. Older skydivers will be reminded how it used to be, and younger jumpers will gain a better understanding of the history and development of the sport and the equipment we have used."

Contact Tony for a copy, email: aj.dale@westnet.com.au

Hi Tony,
 Thanks for sending me your skydiving autobiography. I thoroughly enjoyed it. I kept thinking as I was reading.... "This is MY story! It's just like what I was up to with the demos and a lot of the old, early jump stories"! Actually even some of the demo sites are similar; the school grounds, the big footy arenas and the show grounds. And what happened at them, or shouldn't have happened! I was super impressed that you fessed up to your off-drop zone landings and broken bones etc, all with no excuses. Well done. And the politics!
 It was refreshing to follow your whole story and not only be entertained but also to perceive, associate with and be reminded of where we have come from and where we have gotten to, all without ever giving the sport away.
 Congratulations, well done and once again thanks for not only sending me a copy but also writing a very important piece of Australian skydiving history.
 Dave McEvoy, F38.
 PS And thanks also for the mentions, very gratifying.



50TH ANNIVERSARY
 DAVE McEVOY celebrated his 50th anniversary of jumping. To mark the occasion he opted for just a simple hop 'n' pop with his First Jump Instructor, JOHN BALL, and one of his other instructors, JIM CZERWINSKI. He was surprised with a visit from the founding members of the original Queensland Parachute Club, GEORGE REEMAN and JIMMY PLAW.



JOS (JUMPER OVER SEVENTY) SUPERSTAR

Congratulations to ROGER CLIFTON for being on three world records during the recent POPS event in Perris Valley, California! Roger started his record spree with a 24-way for the Jumpers Over Seventy (JOS). Then he joined the younger crowd and pulled off a 65-way Skydivers Over Sixty (SOS) jump (pictured) and a 2-point SOS 60-way. **Photo: Terry Weatherford**



JUS (JUMPER UNDER SIXTEEN!) SUPERSTAR

SHANE ONIS is still only 15 years old and is pictured here celebrating his 600th jump. He's also achieved his Certificate B Tutor Rating. Congratulations Shonis!
Photo: Ware Wano



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Photo: Willy Boeykens



ADF WINGSUIT WEEKEND – GOULBURN

By James McKew

In April I ran the first Australian Defence Force Wingsuiting Camp at Adrenalin Skydive Goulburn. Wingsuiting has recently been included in the Australian Defence Force Annual Military Nationals Competition. Five wingsuiters from around Australia came to Goulburn to start learning the skills required to compete in 2-way Artistic and Performance competition.

Due to wingsuiting previously not being recognised in the Defence competition, the discipline is still in its infancy within the Defence Team. The group consisted of three wingsuiters who were excited to don their wingsuits again after focusing on other disciplines in recent years. It also included Ariel White, a new addition to the flock, who achieved her Wingsuit Crest over the weekend.

Scattered cloud throughout the weekend made for perfect visuals as the skill level of the group rapidly progressed. The camp started out with basic relative flying and progressed to dynamic flocks. James also ran a seminar on the theory of Performance flying, to help the group start conducting their own FlySight training in preparation for the Military Nationals in December.

Thanks to Matt S, Simon Kube, Ash Armstrong and Ariel White for the great flights. Also thanks to Adrenalin Skydive Goulburn for always being so accommodating with the spot and the ongoing support provided to wingsuiters.



S.A. CReW

By Tommaso Liccioli Photos by Martin Letch, Dean Barrowcliffe, Rhys Savage, Zack Rosser, Matthew Muth and Tommaso Liccioli

Almost two years ago, the Australian 44-way Canopy Formation record was set and, from the excitement of such an event, a small group of us here in South Australia have been working hard to increase involvement of jumpers in this discipline. CReW provides many vital skills required in skydiving, i.e. from deployment to landing (no need to remind that this is pretty relevant to you, if you want to do another jump!). This includes: canopy control, awareness of other people in the sky, landing and confidence in canopy flight, etc.

It has already been pointed out by many that with the popularity of tunnel time, skydivers sometimes jump feeling confident with their freefall skills, while not focussing enough on refining their abilities to get safely to the ground! CReW can provide a fantastic complimentary activity alongside tunnel to ensure that skydivers have a complete skill set to keep them safe and happy in the sky. Not only is CReW useful, it is also awesome fun (once you overcome the fear of flying your canopy with other people): your skydives last longer, you can chat with your friends in the sky, you can compete and canopies are colourful. With this in mind, while trying to push the competitions around the nation, we have been organising a series of events aimed to both involve new jumpers and build upon the skills of more experienced pilots.

In an effort to increase participation in CReW, Martin Letch, Dean Barrowcliffe and I have supported a couple of rising CReW dogs, Zack Rosser and Scott Roberts, to organise two weekends dedicated to CReW, following up on similar events held last year. While setting dates, we realised that Jules McConnel would be here attending the National APF Conference. Although it has been proven time and time again that Jules could bring the rain to South Australia (the driest state in the driest continent in the world), we

decided to roll the dice and invite her to host one of the CReW camps, to share her experience and wisdom! Jules being the all-round awesome person that she is, somehow managed to make the sun shine for days and days while everyone was getting their CReW on and apply her suggestions.

And so it went. All the locals with CReW canopies offered them up for use (thanks to Al Gray, Vlasto Zamecnik and John Norman). The first weekend aimed at novice CReW jumpers was held at Lower Light, while the second, aimed at those with more experience, was held at Langhorne Creek. Jumpers with as little as 100 jumps and minimal canopy confidence were able to perform top and bottom docks after three jumps with coaches (and loving it – you know who you are!). More experienced CReW jumpers took on board the advice of Jules and were doing 3-way formations, learning wing docks and making Diamonds, which were flying solid. No mistakes were made while managing traffic during the set up for landing, as awareness of people flying close by was increased. Landings were filmed and de-briefed and everyone was able to master their approach and touch-down. Long story short, more than 100 jumps made, including three Reserve rides! Almost twenty people were involved, including interstate jumpers, Jan Nejedly and Josh Bunfield!

The perfect end to this series of camps was a Demo jump on the last day of the APF conference, landing a 4-way Diamond on to Glenelg Beach, organised by Jules and inviting some local jumpers to join her K4 team members (Scott Brown, Craig Bennett and Steven Geens): awesome example of what can be done using CReW skills! The three local Chief Instructors (Al Gray, Greg Smith and Mark Gazley) all contributed facilities and resources to get this off the ground. It was fantastic to see everyone getting

together and supporting the sport of skydiving as much as seeing so many new people enjoying this great discipline. Hopefully the bug has been spread and we will have more people building up their skills – for safety, for competition, and to help us set more records, both in South Australia and nationally. If people continue this in every State, then when the time comes for the next Australian Canopy Formation record we will surely achieve the 50-way Diamond!

Thanks again to Zack and Scott for coordinating the events and to the APF, the SAPC and the SASPC for funding and support.



Diamond Lower Light – Dean Marty Tommaso



Sandy and Dean



Wedge



Zack and Dean



Jason and Marty



Matrix2 after a 4-way



Rhys and Marty



NEWGAMBIE TURNS THREE!

By Louise & Maddy Cross

Once again Autumn in Victoria did not disappoint. Warmth, sunshine and light winds were on hand to welcome our coaches, crew and jumpers to our Third Birthday Coaching Extravaganza Boogie.

Matt Boag, Ryan Dudderidge and Jill Grantham headed up our Freely team, while James Boyle looked after Flat flyers, and Woody Smart led the team of Wingsuiters.

Each day the Freely coaches rotated around the different groups from the more experienced down to the beginners, ensuring all the participants got to jump with all the coaches. Small to large Angles were attempted by different experience levels as well as the usual Head-Up/Head-Down dives.

James organised the Flat flyers in jumps ranging from 4-ways to bigger-ways, resulting in three new Star Crest recipients at the end of the weekend.

Woody and his small but dedicated group of Flockers remained unhindered by cloud and made the most of the blue skies over the weekend. Three new birdies were trained by Woody over the weekend and by Monday were joining in on the smaller flocks.

The only weather hiccup was Sunday afternoon (hey, it is Victoria!). So, the coaches gathered the troops in the hangar around a few frothies and ran a few well received and very informative seminars.

At the end of the Boogie DZSO Don Cross was pleased to report there was only one cutaway (by a coach), and the only incident was when one of the coaches led her group in completely the wrong direction and landed the group off the drop zone. More on that from the coach...



"Skydive Nagambie is my home drop zone and this year's event was my third Birthday Boogie. The jumps and crew were professional and fun as usual. It's nice to see the scene of people coming through the new drop zone. Skydive Nagambie has been fostering these jumpers in their new location and it's a lovely reunion each year seeing how everyone has progressed and hearing about their upcoming adventures. The usual shenanigans were gotten up to and the google maps on my phone started playing up through an Angle jump, which then caused me to get distracted by a butterfly, and before I knew what was happening we were landing quite off the drop zone. As I was landing in a random paddock, a vision flashed before me of the conversation at the bus stop where I had mercilessly mocked the Wingsuiters for terrible navigation. Whoopsy. I was very relieved to see my group had landed without incident and I hoped to sneak back into the packing mat without Woody noticing. Yeah, that didn't happen. What followed was a couple of days of quite deserved piss taking, which caused me an abdominal injury from excessive laughter. They had to do an incident report for my tummy and all the people who maintained hearing loss from being exposed to my laugh. Thanks Skydive Nagambie!" – Jill Grantham

Thanks to Matt, Jill, Ryan, James and Michael for their awesome load organising, to the VTPC and APF for their generous support, and thanks to the mega sponsors: Icarus Canopies by NZ Aerosports, iFLY - Melbourne, ChutingStar-Skate, Cookie Helmets, LVN, UPT, and Vertical Suits. Congratulations to those who won prizes! Thank you also to the Skydive Nagambie crew for ensuring it was a great event once again.

See you next year!



Time to the BEDD

Compiled by the APF at ASM deadline time.

CERTIFICATE A

JOEL ADAMS
MYLES BEAN
DENISE BESS
ALEXANDER BEVERIDGE
JOSHUA BONNICI
ADAM BOSHER
BEN BOTICA
MARCUS BOURGET
GAVIN BOYLE
PEDRO BRAGA
LAURA BRAMBACH
VINCENT BRAZIER
JEREMY BRAZIER
CATHERINE BRAYDEN
GORDON BRAYDEN
DARREN BROWN
ROSS BUNDBURY
SIMON BURELLIER
DAVID CAFFERY
KATIE CARLYON
LUKE CARUSO
ALEX CAULFIELD
ESTHER CHAN
JACOB CHIN
MATTEO CHIODI
SCOTT CLARKE
JOSH CROPPER
REECE DELAMERE
SAM DEVINE
ADAM DIVARDO
JONATHAN DORAN
BLAKE DOWLING
PAT DRIVER-BOWDEN
OLIVER DUBOIS
JAMES DUNNINGHAM
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ADAM SAUNDERS
SARANSH SHRINGI
TAL SILVER
WILL SMITH
RUSS STONE
YOGI SULTAN
ALEX SWINDEL- HURST
JAC TEARLE
ANTHONY TONGARIRO
SHAI-ANE VILLANOVA
RACHEL SHUANG
WANG
LUKE WIDMER
ALEX WILKIE
JACOB WILLIAMS
CHIN WILSON
MATTEO WONG
SCOTT YOUNG
JOSH CROPPER
REECE DELAMERE
SAM DEVINE
ADAM DIVARDO
JONATHAN DORAN
BLAKE DOWLING
PAT DRIVER-BOWDEN
OLIVER DUBOIS
JAMES DUNNINGHAM
TIARNE EASLEY
GUY EDGAR
MICHAEL EGAN
CHRIS ELLIS
FABIAN EWERT
TY FELT
DIANA FENG
JAMES FISHER
THOMAS FORBUTT
TESHIL GANGARAM
FERGUS GOURLAY
PYRIA GRACE
JOSHUA GRANTER
KURT GRAY
BRAD GREGSON
SEBASTIAN GUNSON
MATTHEW HAN
JUSTINE HILLS
MARTIN HILTON
MAX HURLEY
YIAN HUTCHESSON
BRADLEY HWEE HWANG
RENZO KAASHOEK
HORST KANNLER
DAVID KEATING
ROWAN KENNETT
BEAU KINNEAR
MICHAEL KLEIN
JORDAN KYATT
VANESSA LAI
ELIZABETH LAMBERT
NOLAN LEE
MIKE LEE
CHRIS LIANG
JIAYUAN LOHMANN
MICHAEL LUM
DAMIAN MAGUIRE
CHRIS MAIN
LUKE MARQUIS
PAUL MCPHERSON-
KELLIE MACKAY
SAMANTHA MELITTAS
LUCY MESSMER
PETER MILLAR
TRENT MILLS
MARRION MOLONEY
CATHIA MOREAU
BEAU MOSER
PARKER NIHA
BEAU PARKER
WONG PILGRIM

CERTIFICATE B

DANIEL ANDERSSON
AL BARBERA
MARLEY BIRD
GORDON BROWN
ALBERTO CASTELLUCCHIO
MARK CHANCELLOR
SAM COULTS
JACOB CROSS
MATTHEW CROUCH
ALESSANDRO DE AMICIS
SILVIO ARY DE MENEZES CAVALCANTE
RYAN DEATHRIDG
ALEXANDER ECKSTEIN
CAINE EGGERTON
LUCAS FRICKER
DYLAN GETTINGS
OLIVER GRAHAM
SAM GREGSON
KURT GUNSON
BENJAMIN HAN
LONE HILLS
JOHN HILTON
LIAM HURLEY
CUNXIN HUTCHESSON
LUKE HWEE HWANG
ASHLEY IVERS
SIMON KAASHOEK
ROBERT KANNLER
SABINE KEATING
JEREMY KENNETT
JASE KINNEAR
JEREMY KLEIN
GYBREN KYATT
DANIEL LAI
INGRID LAMBERT
GERALDINE LUCINDA
LUCINDA MARTYNS
JAMES MCLACHLAN
DREW MERTEN
GARY MORRIS
LACHLAN NELL
LUM O'KANE
DAMIAN KATHERINE
CHRIS BEK
LUKE CALLUM
PAUL JESSICA
KELLIE ROWAN
SAMANTHA DARRIN
LUCY JORDAN
PETER LEE
TRENT MOLONEY
MARRION MOREAU
CATHIA MOSER
BEAU NIHA
PARKER PARKER
WONG RUI

CERTIFICATE C

GREG AVATAR-ARNOLD
DYLAN BIRD
MARLEY BOHNMARK
CAROLINA BOISSON BASTOS
NICHOLAS BUNFIELD
GUSTAVO CARVALHO
NICHOLAS CASSRELS
GUSTAVO CHAMPOLLION
JESSE CROUCH
GUILLAUME EGAN
MATTHEW ELKINS
CHRISTOPHER GEORGE
CHLOE GERRARD
BEAU GIBSON
MATTHEW GOURICHON
FRANCOIS GUSTUS
BENJAMIN HALLUM
LONE HANKA
ALEX HICKS
KRISTINA HOPPER
JACK IBRAHIM
OMAR JARVIS
ANDREW JOHNSON
STEPH JOINER
KEVIN LAIDLAW
ROBERT LAMINA
SABINE LEUSSINK
JOSHUA LEVERTON
JASE LEVETT
JEREMY LILLEY
DUNCAN LILLEY
LAURA MALLOTT
MILAN MARTIN-MOSER
BRAYDEN MAWSON
JOSHUA MOORE
WILL MORLEY
SMITH MURRAY
STEPHEN NICHOLS
PETER NOVEY
KATIE ORO
MICHAEL PATTY
MICHAELE PROBERT
SUSAN SMITH
LEE STINTON
NICK SUMMERSBY
PETER SUMMERVILLE
MORGAN SVELANDER
MY-ANNIE SWAN
JIMMY THURROWGOOD
ADAM TONKIN
JAMES TONKIN
ALEX TOUJA
CHRISTOPHER TOWNER
ROBBIE TREIER
LENNON WHILEY
SAMUEL WHITFIELD
MARK WILKINSON
CHRIS WOJTOVICZ
SHARLENE WOOD
THOMAS WOODLEY
ANTHONY ZAMAN

CERTIFICATE D

ALEXANDER ANDERSON
RENE BAARS
ALEXIS BEAUDOIN
RICKARD BOHNMARK
LINDSEY BONIFACE
STEVEN BOWERMAN
CARL DICECCO
JEREMY EVAIN
DANIEL EVERS
DANIEL GARNER
JAMES GREENING
HEMI GUSTUS
BENJAMIN HALKET
ADAM HIGHAM
SCOTT HIGHAM
ADIL JABBAR
ADIL KONG
JAKE LAPHAM
HENRY LARKMAN
NICHOLAS MACDONALD
GRANT MCNEILL
DANIEL RODRIGUEZ
LUIS MUNOZ FARIAS
DIEGO MOTT
TOBY NOTT
ANDREW PAISLEY
JEREMY JUHUN
KLEIN PARK
GORDON PORTANGER
JONNO POST
ANDREW PURU
ANDREW RAVENS-CROFT
CHRIS RAWLE
MARC ROCHECOUSTE
SARAH SAATCHIAN
ELLIOT SAWKINS
JASON SCHLOSS
TRISTAN SETZER
DAVID STEVENS
JAMIE SWEENEY
LUKE TURGIS
BEAU WHITTAKER
AARON WILTON-JONES

CERTIFICATE E

ANTONIO ARIAS IV
MIKE BAILEY
PETER BUCSAK
RANGRY COLLESS
RENATO COSTANZO
KEITH CREEDEY

TIMOTHY CHANSSO
SHAUN HAN
WAYNE HENDERSON
PILVI HOLMES
ANDREW JUVONEN
HENRY KEIR
JORDAN LARKMAN
ANDREAS MICHALOV
MOSLING
TARA MUIR
SHANE ONIS
ANGUS RUPERT
RAFAEL SCHWAIGER
JARED SMITH
PETTER STENSVOLD
JULIEN TONINO
TRISH VOGELS
MICHAEL ZUMKLEY

CERTIFICATE F

RICHARD FRANK
JASON LANE
JOE STEIN

STAR CREST

ANTONIO ARIAS IV
RICKARD BOHNMARK
STEVEN BOWERMAN
PETER BUCSAK
RANGRY COLLESS
KEITH CREEDEY
TIMOTHY DOUGLAS
NICOLAS GARNER
JAMES GELDENHUYS
JAY GIBSON
MATTHEW GOLLES
IRIS GOLSBY-SMITH
TIM GREEN
LUKE GUSTUS
BENJAMIN HALKET
ADAM HALLUM
LONE HEBERT-DUGAS
AMELIE HICKS
KRISTINA BORKOWSKI
WAYNE BRADLEY
ANNA CARUSO
AMOS CHAMPOLLION
OMAR COLLESS
SAMUEL CONVERY
SWAN DAWAI
ANDREW FENG
DIANA FRANK
JAMES GALLAGHER
ALEX GUNTHOR
CHRISTOPHER HAVEMAN
ROBBIE HICKS
LENNON LOGAN
SAMUEL MUNOZ FARIAS
MARK PATTY
CHRIS PUTLAND
SHARLENE RAWLE
THOMAS RUPERT
ANTHONY SAATCHIAN
MATTHEW SAWKINS
LUCAS SCHLOSS
JARED SMITH
HARRISON SMITH
PETER STACEY
MY-ANNIE STENSVOLD
DANIEL SVELANDER
JAMES SWEENEY
HEMI THOMSON
BENJAMIN CAM
ADAM CAM
SCOTT THOMSON
ADIL TONINO
ADIL TONINO
JAKE TURGIS
HENRY TURGIT
NICHOLAS VICENTE
GRANT WALLACE
DANIEL WHITTAKER
LUIS ZAMAN

NIGHT STAR CREST

TIMOTHY DOUGLAS
CRISTIANO GARIBALDI

CANOPY CREST

ANNA HONERSKI

WINGSUIT CREST

RICKARD BOHNMARK
DALLON HAY
WAYNE HOLMES
NICHOLAS MACDONALD
RYAN MCINTYRE
SARAH SAATCHIAN

HOLLY MORITZ
LUIS ANDREAS
KATIE NOVY
PATTY ROMERO
HENRY SAATCHIAN
ANDREAS SCHWAIGER
PETTER STENSVOLD
MY-ANNIE SVELANDER
MIKE TIBBITTS
TOUJA TURGIS
JAMES VICENTE
ROY WILSON

FREEFLY CREST HD

ANTONIO ARIAS IV
SPENCER BARNES
KEITH CREEDEY
BEN CUTTLER
TIMOTHY DOUGLAS
TIM GOLSBY-SMITH
RHYS HODGSON
CHANTEL HOFFMANN
LIAM HONERSKI
ANNA BUCSAK
SAM JABBAR
GEORGE KILHAM
BRANDON MOSLING
ADAM NOVY

PACKER B

GREG BORKOWSKI
LINDSEY BRADLEY
BARTOSZ CARUSO
CARL CHAMPOLLION
LUKE COLLESS
RANGRY CONVERY
RICHIE DAWAI
DANIEL FENG
JAMES FRANK
ALEX GALLAGHER
CHRISTOPHER GUNTHOR
LUKE HAVEMAN
KRISTINA HICKS
BRENDON LOGAN
MIKE RAWLE
JACOB SEEMANN
CHRIS STEFANIC
ADRIAN TCHANG
DANIEL TCHANG
NOUKOU TONINO
JULIEN WALKER
MATTHEW WILTON-JONES

PACKER A

ERIKA TOGNOLINI
SONYA GELMAN
ANDREW KEIR

RIGGER

JACOB ORLOV

DISPLAY GENERAL

REDEAT ABRAHA ASNAKE
JOE BISH
SAM BONIFACE
LINDSEY BRADLEY
ADAM BRADLEY
SCOTT CARL
RYLEIGH CHRISTOPHER
BOYD BROWN
PETER BUCSAK
PHILIP COMYN
BEVAN DE VRIES
GARETH HEMINGWAY
KRISTINA HICKS
TINEAL HIGGINS
SCOTT HIGHAM
RYLEIGH HUNT
AMOS IBELL
SAM JEONG
ARTOUR JONES
JASE KOLESNIKOV
JACOB LEVERTON
RHYS LOGAN
DANE MACLEAN-CURRIE
JON MCLEOD
DANIEL MCNEILL
DANNY MOGENSEN
MATTHEW MOLLOY
MICHAEL O'LEARY
SHANE ONIS
BRENNAN REEDY
MARC ROCHECOUSTE
SARAH SAATCHIAN
LIAM SAVAGE
JASON SCHLOSS
JAMIE STEVENS
ADAM THIELE
JULIEN THURROWGOOD
ADRIAN TONINO
HALEY WEIR
WELCH

DISPLAY PRO

JEREMY SHAUN
XAVIA HILL
JORDAN MICHALOV
ANDREW MORCOMBE
MATTHEW SCOTT
ISAAC SHEPHERD
RAFAEL SMITH
NICHOLAS UTTON
JOY WEISSFELD

FREEFLY COACH

GERMAIN SIEURIN

WINGSUIT COACH

JENNA GYGI
LUKE ROGERS
GARY SCHEPPENS
COREY VANDEPOLDER

CERTIFICATE B COACH

ROBERT AHERN
KELLY BRENNAN
KATE LESZYK
JACOB LOGAN
VIVIAN MERZ
TARA MUIR
ADAM PHILLIPS
SAM QUEENAN
GEORGE SHEATHER
BRANDON SHORTLAND
ADAM WILLIAMS

INSTRUCTOR D

MIKE BAILEY
RICHIE CONVERY
ANGUS DODD
KEVIN FLYNN
DARRAGH GALLO
NICOLAS GYGI
ALEX JAMES
JENNA KEENE
KIEREN MURPHY
MARK TONINO
DEBBIE TUDHOPE
JULIEN WALTERS
KELLY WEBSTER
JAYKE ZALCHENDLER

INSTRUCTOR C

JEREMY BOURNE
MAX WILLIAMS

INSTRUCTOR B

ALANA BERTRAM
JAMES CALLAGHAN
TROY CROTTY
DALLAS DRURY

ENDORSEMENT AFF

MIKE BAILEY
JEREMY BOURNE
DIEGO DODD
KEVIN FLYNN
DARRAGH JAMES
KIEREN KEENE
MARK MAGNUSSEN
TROY MURPHY
DEBBIE SIEURIN
GERMAIN TUDHOPE
KELLY WALTERS
JAYKE

ENDORSEMENT SFF

CRAIG DONOVAN
JOE STEIN

SFF SUB-ENDORSEMENT - SL

CRAIG DONOVAN
JOE STEIN

ENDORSEMENT TANDEM

NICOLAS GALLO
JENNA GYGI
CHRISTOPHER MORRIS
NATHAN POTTER
MATTHEW SCOTT
MATT SCOTT
JULIEN TONINO
JAMIE WEBSTER
ASHER ZALCHENDLER

TANDEM SUB-ENDORSEMENT - VECTOR/ SIGMA

ALEX JOANNOU
NICK LELLO
MATAN PITOHOVSKI
ZAC SYMES
PADDY TURNER-PURVIS
WYLLIE

JUMP PILOT AUTHORISATION

MARIE AMON
MADDISON BARTLETT
MARK BIDDLECOMBE
JOSHUA BROWN
JACK CADMAN
ROBERT HEIFETZ
FRASER KENWORTHY
LACK LACK
KAREN METCALFE
CHANEL MOORE
APOSTOLOS PAPAIOYORIOU
ALEX PRIEST
THOMAS PUTTICK
PETR SACH
JAY SKINNER
CLINTON STEWART
DEAN WILLIAMS
CHRISTOPHER WRIGHT
DANIEL YORSTON



Talon FS

for all forms of flight

The TALON FS HAS BEEN DEVELOPED IN RESPONSE TO THE EXACTING DEMANDS OF TODAY'S SKYDIVING, FROM FORMATION SKYDIVING, FREEFLY AND VF5 TO WINGSUITING AND CRW. NO MATTER WHAT YOUR PASSION, THE TALON FS RESPONDS TO IT ALL.



Spacer foam on the backpad and inside leg pads for added comfort. In-set horizontal backstrap, hip ring and comfort pad results in unparalleled stabilization with maximum comfort.



Main riser covers - designed for maximum flexing power. The backpad is shaped and contoured to fit the shoulders and upper body and stay in place.



The V-Flex upper leg strap and "Multi-Flex" harness configurations with chest and hip rings allows for maximum comfort and flexibility. Reserve ripcord - standard or low profile.



Upward main closing flap and integrated side flap with bridle cover for maximum closing pin and bridle protection.

