

SOUTH ISLAND FORMULA FORD



COMMITTEE : A.Robertson, M Elder, R.Toshach, M.Smit, S.Spencer-Bower, R.Low, D.Christensen, G.Love, L. Low ,N.Barclay, D.Wilson, I.McKeown (Technical subcommittee) Gill Cox (Historic subcommittee)

February 2022

Hi Everyone, welcome to the February newsletter and what a month. Omicron everywhere and we are all going to get it sooner or later. From a motor racing perspective we are coping for now, and for that much we should be grateful. Overseas in F1 the sacking of Michael Massi as F1 Race Director has been seen as a tradeoff for Mercedes not putting the FIA through the legal meatgrinder, but all this pales into insignificance in comparison to the appalling situation in the Ukraine. Hopefully natural justice will prevail and that wanker who leads Russia will suffer the consequences of his actions.

From a Kiwi overseas motor racing viewpoint, America is where it is at with Hunter McElrea in Indy Lights, Jacob Douglas and Billy Frazer both competing in the first USF2000 round at St Petersburg, and the two Scotts, Dixon and McLaughlan, in the main game at the same circuit. A good result for Billy (right) with second overall for the meeting. Not so flash for Hunter (crash) and Jacob (mechanical) but it is the first race meeting for both categories, not the last so there will be another day. Interestingly the Indy Lights race was won by Mathew Brabham, Geoff's son and Jacks grandson. Motor racing dynasties are rare at the top, but the Brabham name is a very successful one.



What a wonderful result for Scott McLaughlan (below) though. Pole position and then winning ; it simply doesn't get better and he did it all on merit in the first race of the Indycar season and on one of those unforgiving street circuits to boot. Can't wait for the next race ! Scott Dixon hasn't lost any pace either, but he simply was on the wrong strategy, a three stop as opposed to the two stopper the front runners employed. Finishing eighth was as good as it got for Indycar's most successful current driver, but again it is very early days.



On the home front we recently had the third round of the South Island Historic Formula Ford series at the Levels Classic

meeting organised by Brian Dixon and his wife Diane. The meeting was the norm for the present environment with each category keeping to itself, no spectators, Covid passes at the gate, masks, and a visit from the police just to check ! The field included a small number of Libre cars and a contingent of north island competitors with Historic cars like ours, resulting in a field of twenty-one which was good to see. The weather was damp but OK. Andy Downs (right) continued his dominance in the series winning every race for our class, with James Dicey occupying second step on the podium and Graham Dickie third. Grant Campbell won the Libre section in his beautifully restored Swift FB86 with Dunedin's Greg Scott second after missing one race, in a Brabham BT21, again beautifully presented. The following is a selection of photos from the racing. Thanks to Euan Cameron.



SOUTH ISLAND FORMULA FORD



Phil Foulkes and Steve Heffernan.....Don't ask !



Ron Wilkin (Elden) & Steve O'Donoghue (Mirage)



Geoff Bogue (Lola T 340), & Gary Arnold (VD RF75)



James Dicey (Lola T340) & Jacob Cuniffe (Libre Swift)



Ian Arbutnott (Lola T340) Gary Arnold, Geoff Bogue



John Lister (Ray 73F)



Duncan Wright (Johnston #3)



Hayden Cox (Elden Mk 8)



Nigel Huston (Johnston #4)



SOUTH ISLAND FORMULA FORD



We continued our crusade on rollhoops at this meeting, with most but not all complying. A few of the early cars are really challenged as far as having a substantial forward structure that is high enough. A solution has to be found for this without ruining the appearance of the cars.

Technical matters aside though, there are developments for the Historic class. There is a very strong possibility of another Lola T340 coming south and a very nice Christchurch based car that has been hiding for years also seeing the light of day for next season. On top of that the Historic subcommittee has a recommendation for SIFF to consider, to include class 3 in its entirety in the SIHFF series. In other words all cars up to the end of the 31/12/89. The suggestion is to call the post 30/6/80 cars the Classic class with the older pre 1/7/80 called Historics. The dates line up with the +40 rules and maintains the class 3 status quo. Interestingly in a recent count there are almost 20 of the "classic" cars in the SI, so there is plenty of potential to grow the field, and I should add, at virtually no cost to the 1600 field. The proposal however includes the continuing provision of a class 3 in the 1600 series, simply because there are drivers who have the speed and probably would want the challenge of competing in the faster field. If any of you wish to comment, please contact Gill Cox gill.cox@snap.net.nz or yours truly adw0398@yahoo.co.nz

Again on another technical matter wheel spacers have come to our attention. This is the requirement as per Schedule A

"Where fitted, only one(1) wheel spacer/adaptor (per wheel) is permitted, manufactured in a single piece, of maximum thickness 25mm and a diameter not less than the mating hub diameter. The use of high tensile wheel studs is recommended when using wheel spacers."

The reason this has been pointed out is that it seems some are "stacking" the spacers, ie using more than one to achieve the 25mm (hopefully). Can't be done.



On a completely different note, Gary Love sold his VD RF88 to Australia recently. The initial quote for freight was, wait for it, \$10,000 in a container, which of course would have killed the deal. However the Australian buyer didn't want the motor or the bodywork, so the upshot was that the car was completely stripped and everything put in the chassis which was then put in a tailor-made box, built to fit across a container. The contents of the box included eighteen Weller wheels, so all the space was used, and the price for the box freight was \$1100, which in today's world of runaway international freight charges, seems very reasonable and made the sale viable. Interesting.

Unfortunately both my bosses haven't time to write anything for this month, but they are still around and no doubt will make up for lost time next month.

So, in the meantime,
Stay Lucky

Derek.



TECH CHECK

CAST HEADS : The maximum size for the exhaust ports for these heads is 29.5mm. Over time these ports can erode to in excess of 29.5mm. If you have an old cast head, check the exhaust port size.

VD REAR HUB BOLTS : Probably not the right title, but the big cap screws that hold the rear hubs on the 90-92 VD's can break. These need to be replaced regularly.

VD 92 : The pins at the inboard end of the front pushrods on the 92s need to be crack tested regularly, as do the top outer vertical pins on all the uprights.



FIRE EXTINGUISHER GAUGES AND TAGS :

It will be a requirement that these must be able to be read unobstructed by covers etc. For the pit extinguisher, it is a good idea to remove the Zip tie and R-clip out of the handle while the extinguisher is in the pits so the extinguisher is "at the ready".

RAIN LIGHTS : These must be mounted as close to the car's centre line as possible, and facing rearwards. There is no height requirement but some could certainly be mounted higher and unobstructed by rear anti-roll bar levers.

BRAKE CALIPERS AND PISTONS : Have you checked yours with a magnet ? They must be a ferrous material.

ROLLOVER BAR HEIGHT : The diagram says it all. The exceptions are class 3 cars that don't have a front roll hoop. They are measured to a forward substantial structure. The clearance is the same. If you are measured and found to be under 50mm, you will not race until the problem is fixed

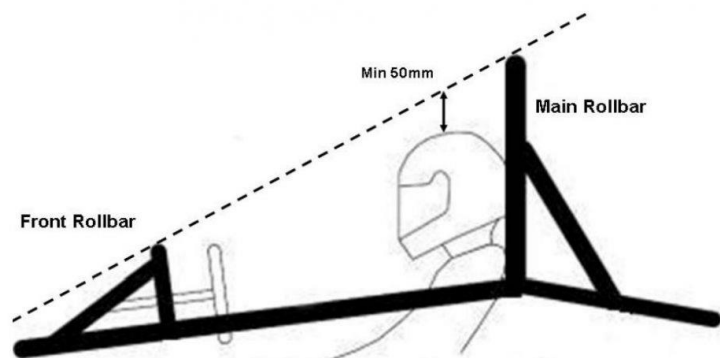
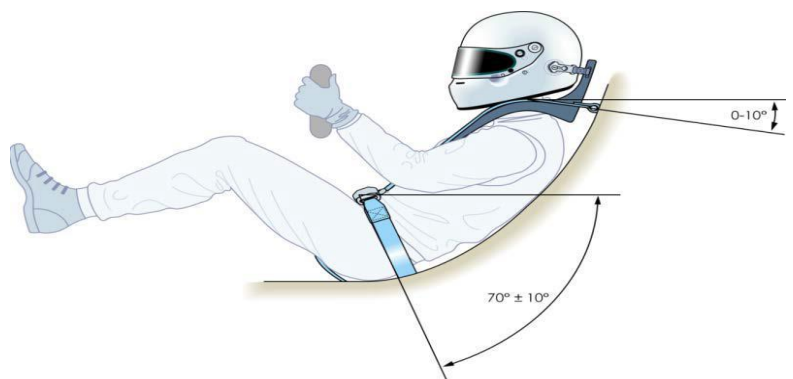


Diagram 5.1 - Open Vehicle Main Rollbar Height

SHOCK ABSORBERS : It will be a requirement for the '21-'22 season and beyond, for all dampers to have two only external adjusters.

Three-ways may be modified so they comply. For further advice contact Peter McCallum for Penskes 0274 410 204 or Robert Taylor for Ohlins 021 825 514

SEAT BELTS : Are yours OK for age and height. We have, under Schedule Z, a +5yr extension to the expiry date. Safety harness shoulder straps should be installed at 0 degrees to the horizontal with angles between 0 and 10 degrees being acceptable.



SOUTH ISLAND FORMULA FORD



DIFF CARRIER : Crack test, especially if it has had the die grinder at it. Shimmed up spider gears need a second thought as well.

REVOLUTION WHEELS : These can crack where the spokes join the rim.

SCAT RODS : Make sure these comply with Schedule F, Article 15, especially the 640g weight.

GEAR RATIOS : The chart could be used as a guideline for the Yokohamas



	Ruapuna 10.31	Levels 10.31	Ruapuna 9.31	Levels 9.31
1 st	15/36	15/36	15/36	15/36
2 nd	17/28	16/30	16/24	19/33
3 rd	20/27	17/25	23/28	19/25
4 th	24/27 or 19/21.	21/24	23/24	23/24

WHEEL SPACERS. This is the Schedule A rule :

“Where fitted, only one(1) wheel spacer/adaptor (per wheel) is permitted, manufactured in a single piece, of maximum thickness 25mm and a diameter not less than the mating hub diameter. The use of high tensile wheel studs is recommended when using wheel spacers.”

Info

RACE NUMBERS : Numbers are issued to drivers, not cars. The exceptions are the SIFF scholarship cars, and the NIFF HAG car, simply because of the “rental” nature of the respective arrangements. Double –ups are avoided. If you need a number, the Numbers Register is managed by Derek Wilson adw0398@yahoo.co.nz

SIM RACING : Keen to have a go ?? Contact siffsimracing@gmail.com for advice and information, or go to Facebook <https://www.facebook.com/Sif1600SimRacing>.

APPAREL : We are taking orders for a second run for “Jagger” dress shirts contact Simon Spencer-Bower simon@wanakahelicopters.co.nz or Derek: adw0398@yahoo.co.nz

CALENDAR :	SIF1600	SI Historic FF
Ruapuna Wigram	29,30 & 31/10/21	Ruapuna 17/10/21
Levels	6/11/21	
Teretonga	4 & 5/12/21	Ruapuna 28/11/21
Speedworks	21,22,23/1/22 Ruapuna	Levels Classic 12 & 13/2/22
Levels	5/3/22	
Teretonga	19 & 20/3/22	Teretonga 19 & 20/3/22
Ruapuna	1/5/22 National Championship Super Round (TBC)	





HELPERS : We have members who could do with a hand on race weekends. If you enjoy motor racing and fancy being involved with the cars and drivers, let me or Andy know. Derek :- adw0398@yahoo.co.nz
or Andy:- jap4x4parts@gmail.co.nz

MEMBERSHIP : These are due from the 1/7/21.
A full membership (\$210) entitles the member to compete in the entire SIF1600 / SIHFF series.
A social membership (\$55) entitles a member to compete in one race meeting only.
The membership forms are available from Janine Yardley (SIFF Treasurer) treasurer@siff.co.nz

YOKOHAMAS: Email southislanddirect@gmail.com for the form as shown on the last page. Delivery will be made on receipt of payment.

SOUTH ISLAND FORMULA FORD CLUB HISTORIC SUB-COMMITTEE : Gill Cox (chairman) Steve Foster, Mark Hamilton, Hayden Cox, Nigel Barclay, Andy Robertson, Derek Wilson

CLASSIFIEDS

VAN DIEMEN STEALTH

New belts, new nose cone, 2 spare radiators, 3 sets rims
Ratios for all tracks except Hampton Downs
Unused spare suspension arms, comprehensive spares
Rebuilt Ohlins 2-way (front) , \$1721, invoice provided
Ohlins on the rear. Car is race ready
Contact Kerry Ross 021 605 360



JOHNSTON #3 1974

Nicely presented Historic / class 3 car
complete with a single axle open trailer.
Available from 11/4
\$20,000
Contact Nigel Huston 021 029 89666
email : nigelhuston@hotmail.com



SOUTH ISLAND FORMULA FORD



VAN DIEMEN RF83

Spares include nosecone, brake and engine parts, suspension, quick lift jack, spare set of wheels Tidy and reliable

\$23,000

Contact : Nigel Barclay 021 490 907

email nigel@pennyhomes.co.nz



VAN DIEMEN RF91

A front to back eighteen month restoration Beautifully finished. A must see.

New Yokohamas

\$ 36,000

Contact John Sloane 0274 519 994



RAY GR21 Motorsport Solutions has secured an arrangement to import new GR21 Rays in kitset form, and is seeking expressions of interest. The kits are imported minus the motor, and are VERY attractively priced. Spares availability has also been arranged, again at attractive prices. Lead-in times of 16 weeks can be expected; order asap for on time delivery .

ARRIVING NOW !! On the way from Auckland 1 x GR21 new in kitset form plus 1 x GR18 updated to '21 specs, complete car. Five races only in the UK .

Contact : John Crawford at Motorsport Solutions

Ph 03 349 3600



TrackTec Racing accelerate to the podium program has a Ray GR20 available for racing and testing , testing on the new tyre will start as soon as we get the Yokohama tyres into New Zealand ,exciting times for all as the playing field will levelled out with the introduction of these tyres

For further info contact

matt.tracktecracing@gmail.com



SOUTH ISLAND FORMULA FORD



MYGALE SJ07

Podium winning car, as raced by Kaleb Ngatoa New Hartley engine Lots of spares, eg. wishbones, shock springs, full gear sets wheels and tyres, nose cone, side pods. Please call for full list
\$55, 000 including all spares, ready to race
Gantry and stands at additional cost

Contact Robbie on 021 163 6399



SWIFT SC94

Swift Works SC94 ex Simon Wills (Aztec Racing)
Engine has two meetings on a refresh.
New alloy head from Motorsport Solutions
New carb and air filter, Scorcher dizzy, New radiators,
Full suspension spares and uprights, camber shims etc,
New rotors, box of ratios. Sway bars
Front and rear suspension pushrods.
New crash box and nose cone, Jump battery plus more.
Three sets of rims. One set of Yokohamas 2 meetings old.
\$31,500 Ready to race. Ph Andy 021 305 550



Ray GR14,
new 2 way Quantums,
top end engine, ratios, spares package and more

.\$75,000

Contact Kim Crocker 0274 788 026

Email kim.crocker@xtra.co.nz



KENT 1600 HISTORIC ENGINE

A Motorsport Solutions engine. New : +5 pistons, oil pump, distributor, carburettor, sump, shot peened crank, etc.
Invoices available. Approx 112 hp. Dyno hours only. Never been in the car.

\$15,000

Contact Higel Huston 021 029 89666

Email : nigelhuston@hotmail.com

VAN DIEMEN '91, '92 SIDE WINDOWS.

Hardened Acrylic and supplied with plastic pop rivets to

prevent cracking. Some finishing will be required to suit individual cars. Good luck

finding these anywhere else. One order already from the UK .

\$130 / pair incl GST plus postage

Contact: John Sloane 0274 519 994

Email : sloanedogon@xtra.co.nz





Chicane Racewear are now the NZ distributor for the high quality Radial rod ends and spherical bearings. Previously distributed by BRM Trading, the USA made rod ends start with the chrome moly high strength precision series then move to the stainless steel high strength aerospace series, both with heavy duty shank options.

Contact us now on 0800 CHICANE or go to www.racerodends.com for more info



Radar's Motorsport



Performance Engine Builder



For all of your engine requirements including carburettor and distributor repairs



House calls also available for any of those car issues that you just need a little help with

I am always available to help by phone /text or email

30 years' experience in performance engine building

20 years' experience in Formula ford

Ian Mckeown

021 641 681 ijmck@orcon.net.nz

HEWLAND MK9 Gear ratios : I am looking for the following gear ratios to purchase or swap. I have some double ups

15-36 (First, either hubbed or non-hubbed)

17-33

19-33

21-29

CONTACT Grant Campbell 021 637 610 or grant_a@hotmail.co.nz



SOUTH ISLAND FORMULA FORD



CAR STARTING TO JUMP OUT OF GEAR? Rebuilding those worn dog rings and gears is a very economical option to buying new.

Further enquiries to Justin Neill Engineering

Ph 03 323 9900 Mob 027 228 0050

Email justinneill@xtra.co.nz

10 Langston Lane, Papanui, Christchurch



SEAT MOLD to suit Van Diemen RF90-92. Anyone wanting to make their own seat is welcome to borrow this mold. ALSO if anyone has any internals for a Mk5 Hewland, John Sloane would be very interested. Contact him on 0274 519 994



AVAILABLE from MOTORSPORT SOLUTIONS

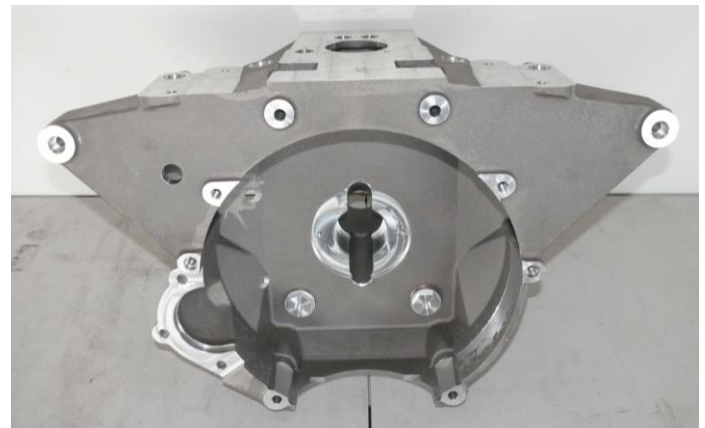


Ivey Valves Formula Ford -
Intake \$29 + GST
Exhaust \$39 + GST

Rebel rims in stock
\$425 + GST



Lola 644 front uprights LH & RH
\$850 + GST ea.



Stealth bellhousing suitS both SWB , LWB. POA

Keep up to date on our latest products, visit – www.motorsportsolutions.co.nz

Email: motorsportsolutions@xtra.co.nz

Phone: 03 349 3600



SOUTH ISLAND FORMULA FORD



Small carbon-look mirrors, **\$89.10**, as per <https://www.classiccaraccessories.co.nz/collections/mirrors/products/carbon-look-racing-mirrors> – Small black mirrors, **\$76.50** as per <https://www.classiccaraccessories.co.nz/collections/mirrors/products/black-lightweight-racing-mirrors>



- Small carbon mirrors, **\$202.50** as per <https://www.classiccaraccessories.co.nz/collections/mirrors/products/carbon-fibre-racing-mirrors> Discount prices for SIFF members For the discounted price please use the following link: www.classiccaraccessories.co.nz/formulaford



.A piece of advice from Malcolm Yardley. On these distributors the cover over the module can short out. Insulation should be fitted in the side cover. The terminals should also be insulated and possibly bent over. For further advice phone Malcolm 0274 315 170



100mm x 100mm 12 volt 36 LED Rain Light. Very good lights that easily exceed MSNZ requirements, and look at the price.....\$61.00 incl



Phone Hornby Auto Electrical : 03 344 0170 or Malcolm : 0274 315 170

STEALTH NOSECONE .

The pointy version as developed by the Leitches and used by James Penrose to win the SIF1600 and National Championships . The margin on sales goes to the SIFF club. **\$170.00** each Contact Andy Robertson : 021 305 550



SOUTH ISLAND FORMULA FORD



ALLOY HEAD

Imported as a blank from Iveys and finished by Tony Marsh.

Virtually new, comes with valves only

\$3995

Contact Kim Crocker 0274 788 026

Email kim.crocker@xtra.co.nz



WELLER WHEELS.

The later rolled edge version that came with my Ray.

Eight in total, four black, four white

\$100 each

Contact Kim Crocker



QUANTUM DAMPERS Set of Four

Compressed; front = 220mm, centre to centre, extended = 250mm

Compressed; rear = 230mm centre to centre, extended = 275mm

One way adjustable

Dynoed by Motorsport Solutions

Legal for a class3 pre 1/7/80 car

\$1000

Contact Kim Crocker 0274 788 026

Email kim.crocker@xtra.co.nz





REVOLUTION
COMPETITION ▲ WHEELS



PALMSIDE MOTORSPORTS
www.palmside.co.nz

Revolution 4 Spoke Race Wheels 13 x 5.5 ET 08 Drilled 4 x 95.25 for Formula Ford.
– From \$280 + GST

Mintex MLB19 Formula Ford Brake Pads 1144 & 1155 Compound.
– From \$94 + GST



2022 Formula Ford 6-point harness with either pull up or pull down side straps & quick release adjuster
Only available in Black - \$375 + GST

WWW.PALMSIDE.CO.NZ
MOTORSPORT PARTS & ACCESSORIES
4 Islington Avenue, Islington, Christchurch 8042





UK REVOLUTION RACE WHEELS

2 sets as used on the ex Noble-Adams VD90

Very good condition

\$600 per set

Contact Nigel Arkell 029 993 3007

narkell@mac.com



QA1 DAMPERS

Rear eye to eye 270mm

Front eye to eye 255mm

Will fit Ray

One way adjustment

Alloy body

Dyno sheet to go with dampers

\$1000 for the set

Contact Ryan 0273 600 218

Email info@ryanselectrical.co.n



HEAD

Cast Steel Formula Ford head

Complete with valves, rockers etc as shown.

Being replaced with an alloy head.

\$2700

Contact Gary Love

0274 077 879



NON-RETURN VALVES. These are a mandatory safety item to be fitted to the breather from the fuel tank.

Proceeds go to the SIFF club. \$20.00 ea

Contact

Andy Robertson : 021 305 550



SOUTH ISLAND FORMULA FORD



A mixture of brand new Cambridge gears to suit LD200 plus a mixture of new and used Hewland gears and parts.

Cambridge \$345 incl GST each, discount for volume.

RATIO	TEETH	Stock
2.1250	16X34	2
1.8880	18X34	1
1.8130	16X29	1
1.7780	18X32	1
1.5550	18X28	1
1.5500	20X31	2
1.4210	19X27	2
1.2630	19X24	1
1.2380	21X26	1
1.2730	22X28	1
1.2600	23X29	1
1.0000	24X24	1

Hewland: New \$400, Used \$300, Shaft gear \$475 incl GST, discount for volume.

14x36	gear & shaft -Good
14x36	New
16x35	gear & shaft -Good
17x35	Good
18x32	Good
19x31	Good
16x24	New
20x32	Good
22x28	Good
23x29	Good
23x28	Good
25x27	New
24x26	Near new, could be new
23x24	New
24x24	New
25x24	Good

2 x new dog gears \$150 each incl GST

1 x New LD 2261 needle roller bearing

Contact Shane Drake on 0274739406 or email ceo@chicane.co.nz



VELOCITY HQ RACE CAR TRAILERS

Tilt bed, unladen weight = 980kg, gross = 3000kg
internal length 4.86m, width at wheel arch 2.09m, height 1.83m
Many other options including a 2 car system that works particularly well for F1600s

<https://www.trademe.co.nz/a/motors/trailers/tandem-axle/listing/3027769951?bof=WzVaqbH9>

Link to Two car system option

<https://www.facebook.com/watch/?v=849668015419795>

\$29,999

Adam Julian 021 304 001

Contact

decraracing@outlook.com

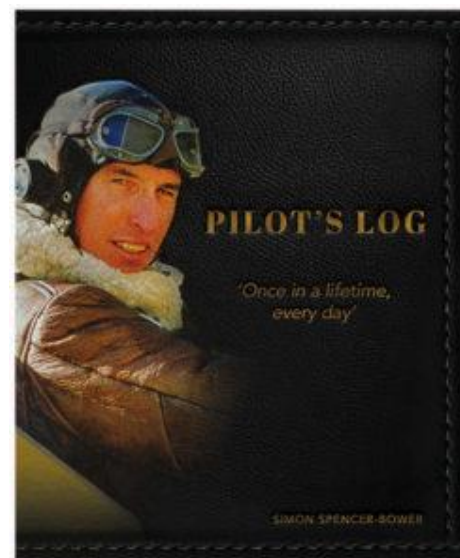


PILOT'S LOG

From farm boy to one of the world's top helicopter instructors, an aviation pictorial journey of history and stories.

A pictorial iconography written with a focus on aviation but referencing my agricultural roots and the remarkable achievements of my intellectual, innovative and pioneering ancestors.

This is a 450 page, 340 Images and 60,000 word pictorial book. \$98.00. Available in bookstores or online (search Pilot's Log ; Simon Spencer-Bower)



Virtual Race Training

ACTUAL RESULTS

MOTIONFORCE1
PERFORMANCE SIMULATIONS

Carlyle-Performance-Ltd
0292 632223



Tyre Order and Costs

Name _____

Contact Phone Number _____

Tyre Order (please tick) One Set \$ 989.00 Two Sets \$1978.00 One Tyre Only \$247.25

Note – maximum initial order limited to two sets of tyres

Delivery Address _____

Note – delivery can only be made to a commercial address

Tyre Payment Method – Online Only

1. Please scan or take a digital image of completed forms Send to southislanddirect@gmail.com
2. Use your name and type "Tyres" as references A/C No **03 0830 0098465 000**

Please note – this bank account differs from the account used for membership payments