



Recreational Pilot e-zine

Issue 113
December 2016

AGM 2016

AGM2016 completed successfully, thanks to the Stratford guys for hosting it.

The weather was against us, but a number of brave souls managed to fly in- mostly from the Manawatu. Longest distance was John Nicholls from Kerikeri- not sure of his return flight but it was that afternoon the wind got up with the boating tragedy at the Kaipara Heads.

The minutes, reports and Constitution changes will be posted on the website in due course.

One important item at the AGM was conferring Rex Kenny with RAANZ Life Membership in recognition of his strong support and advocacy for microlighting within the CAA. We have one of the simplest and best Part 103 operating environments you will find anywhere. This is the result of continual effort by many, matched with an advocate within CAA who shared the vision of a simple and accessible rules framework for microlighting and recreational aviation. With Rex's departure from CAA it is important we strongly defend the system from creeping legislation and rules, and encourage them to retain the 'keep it simple' ethos.

Rex now joins the exclusive ranks of RAANZ Life Membership- one of three. The other two are Trevor Barrett (for his ground-breaking work in the early days of microlighting in NZ), and John Bolton-Riley (for his epic trans-Tasman flights).

Next year's AGM will be hosted by the guys at Whitianga.



Rex with Rodger Ward (RAANZ Pres)



Defect report- Skyfox Gazelle landing gear



RAANZ Inc
Freepost 102829
PO Box 15016, Hamilton 3243
office@raanz.org.nz
07 825 2800



Microlight Defect Report

DRP No: 1477891994

Name [redacted] Phone [redacted] email [redacted]

The information above will NOT be published. It will only be used by RAANZ if we are not clear about anything in the report. Please provide as much information as possible- photos, diagrams, etc

Check this box if you agree to the information below being published

Defect Details

Microlight type/model Skyfox Gazelle

Total Time in Service (hrs) 2100

Defect area Airframe/Engine/Controls/Flying surfaces/Undercarriage/etc

Describe the defect

New undercarriage suspension struts were ordered and fitted in April 2016 .These we supplied from Coastal Aviation in Queensland Australia.They have only been in service for six months and have failed.(Found collapse on the 27th October)The shock part is vulcanized rubber and it has not bonded to the steel part of the strut causing the suspension to collapse.(Fault in manufacturing process)

Describe the affect on airworthiness

Lucky for Feilding Flying Club members that the struts collapse while the aircraft was parked in the hangar and not in use on the runway.Aircraft is now not usable.Grounded until further notice.

Remedial action taken

Aircraft was immediately grounded and Coast Aviation notified.They seem to be aware that there was an issue with vulcanizing and are working on a solution.



Scanning Techniques- Spot that aircraft!

Reprinted with permission from **West Auckland/Parakai Airport** newsletter

Pilot Tips website:

Steve:

".... I have a hard time finding [other aircraft.] Is there an easy way, or a trick to spotting other aircraft?" - Steve L.

Bob:

"First, establish that your vision is up to par and corrected - preferably to 20-20 (6-6 in metric). Ask your AME (GP) what your numbers are.

Assuming everything is OK there, try changing your scan technique. Many pilots sweep the horizon and have difficulty spotting traffic. Instead, **look at one 30 degree sector of view at a time and concentrate your attention in this sector for about 5 seconds, then move on to another sector.** This technique makes it easier to spot objects that are moving or objects that don't belong in the picture.

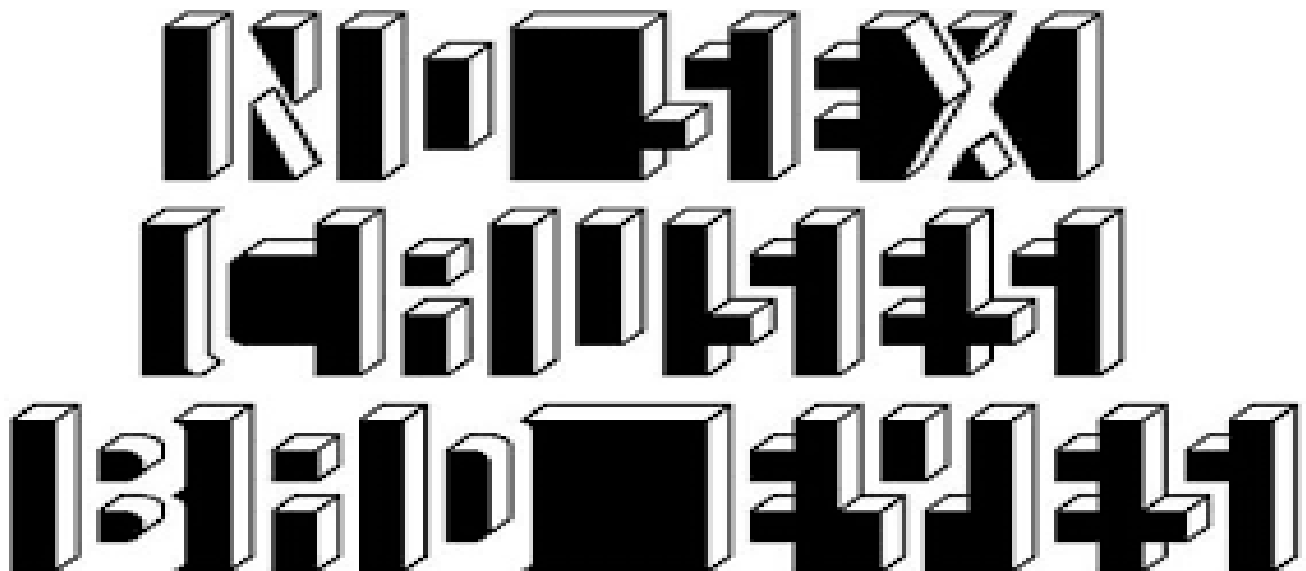
Pay particular attention to the areas close to the horizon. Aircraft that you see in the distance that are close to the horizon are at an altitude close to yours.

Once you identify other aircraft, visually keep a close eye on them to identify their direction of flight. **Remember that aircraft which show no relative movement vs. yours are likely on a converging course with you."**

Other pilots comment:

Comment 1: Your eyes focus on infinity when looking out to the horizon....that is a long way out there! To bring them in, I learned a (LONG) while back, to **focus on a house, car, tree.....some object on the ground a few miles out THEN look up.** I scan in about 30 degree increments through my projected flight path using this focusing technique. I always told my students that the best grade I'd ever give myself in "clearing" would be "fair".... one can never clear good enough! SEE and AVOID is everyone's responsibility!

Comment 2: Don't forget your cones and rod. If you look straight at an object, you may not see it so keep your eyes moving even when you are using the 30 degree sector sweep. I use to do search and rescue when I flew in the Navy and it always amazed me how **I could see objects with my peripheral vision so much more quickly than looking straight at them.**



Emergency Airworthiness Directive- P&M Aviation

This is a notification that the following information has been added to the CAA web site:

[Emergency Airworthiness Directive: UK MPD 2016-011-E applicable to microlights manufactured by P & M Aviation - effective 24 Nov 2016](#)

Following maintenance, a clevis pin came out of the RP-4 roll trim system pulley on a QuikR causing a left turn. The split ring securing the clevis pin had come out. It is not known if the ring was disturbed during the maintenance.

The split ring which came out was the same "spiral start" pattern as that which has caused trouble before (see Service Bulletin 139). This pattern of ring has no positive stop, so that simple rotation of the ring (e.g. caused by it getting caught on something) will cause it to disengage. Disengagement of the split ring and subsequent clevis pin departure could affect the control of the aircraft.

This MPD requires an inspection of all clevis pin / split ring installations on the aircraft in accordance with paragraph 2 of P & M Aviation Ltd Service Bulletin 144.

Excalibur Props

Tony Unwin/Gyrate NZ Ltd

As a RANZ member for 10 years I make no excuse for offering what appears to be advertising as, having discovered a great product, I want to share it with you and to offer it at the same price as you would pay in Europe. Yes, we pay for shipping and believe it or not, you get a six month no hassle money back guarantee in the unlikely event that you are dissatisfied with the product.

This particular prop is designed for Rotax 912 and 914 engines in pusher configuration, we have installed it on 3 different types of Gyroplane in NZ and measured similar amounts of static thrust improvement, around 18% at full power. In Europe it is used on UAVs, Weight-Shift Trikes and a raft of different gyroplanes, the leading installation is over 4500Hrs. Construction is all carbon fibre which gives a weight of only 3.1 Kgs and by clever chemical injection, an almost indestructible leading edge. Understandably the Company is having to expand production beyond their current figure of 7500 blades per year and new machinery and staff are coming on line right now. Modern quality control systems include bar-coding all components to ensure that the fine balance limits are maintained so that you will notice less vibration and a lower noise footprint as a result.



If you do not operate a pusher configuration please do check the website for a vast range of propellers available for different applications, with a money-back guarantee it may well be worth trying a state-of-the-art product with local support. We hold the six bladed Excalibur in stock and other models are just a FedEx away.

<http://www.e-props.fr/16/welcome.php>

RAANZ 2017 National Fly-in

Advance notice- put it in your 2017 diary.

Canterbury Recreational Aircraft Club

Rangiora Airfield

Mar 31- April 2 2017

Mercury Bay Aero Club Fly-In

Mercury Bay Aero Club Fly-In

February 11, 2017

starting at 10 a.m.

**WALLY ANDERSON, FOUNDER OF SYNERGY AIR, OREGON, USA, ON HAND TO TALK ABOUT
BUILDING YOUR OWN VANS RV AND ENJOY FLYING IT FOR YEARS**

Wally believes that most people can realise the dream of building and flying their own Vans RV aircraft. Wally will talk about tricks and tips that can save both time and money and make the job turn out really well, particularly when working with fibreglass which can intimidate most people. He will also share information about great tools that are available and demonstrate how to use them and how connecting to a support group can be very helpful.

The Aero Club Cafe will be open for food and refreshments

Please get in touch with me or the organiser, Jim Evans on jevans@ihug.co.nz if you have any questions.

Athol & Betty SOWRY
336 Valley Road
R.D.2
WOODVILLE 4998

**ATHBEY
FARM**



Phone (06) 3764754
Mobile 021 1578293
athbey@inspire.net.nz

WINGS OVER WOODVILLE
12th Annual New Year's Day fly in
The Worlds first New Years aviation event

Date: 1st January 2017

Time: In time for midday **\$10** lunch.

Place: "Athbey Farm" airstrip Woodville

How to find: 4 NM NE Woodville approx 1 NM west of SH2 on a line, Papatawa highway/rail
over bridge - Whariti peak. 620m x 28m, vectors 31/13, 490 ASL

40° 18' 09 S 175° 54' 51 E 119.10 15-knot sock

Caution: West end displaced threshold has trees, two storeyed house and power wires.
Woodville is well known for fog, wind and turbulence. If unsure of you and your aircraft
capabilities, please contact a previous visiting experienced pilot.

Past visitors have been, C 150 & C150/160, C152, C172, C180, C182, C185, C188; Rallye; Piper
J3 C-50; PA 18A 150, PA22, PA25, PA 28 140, 151, 160, & 180; Bolkow 208 C; FU 24
950, 954 & Cresco; Rand Kar Xair & Hanuman; Avid Speed wing & STOL; Meteor Sky
arrow; Jodel D9 & D11; Rans S6ES, S-7 & S-9; Gardan Minicab (& UL); Pelican PL & GS;
Alpi 200 & 300; AirBorne Outback; Fisher Horizon; Savannah; Maranda; Tecnam P 92, P
96, P 2002 & P 2008; Dyn'Aero MCR01; Tomark Aero Viper; Yeoman Cropmaster; Zlin
37T; Edgar Percival EP9; Gruman Agcat; DHC 2 Beaver; DH 82 A Tiger Moth; DH 60G
Gipsy Moth; DH Chipmunk Mk 22; Aero Commander 100; Cavalier SA102; Maule MXT-7-
180 & M-5-210C; Stinson 108-2; Skyfox Gazelle; Zenair CH 200, 601, 650 & 701; Jabiru;
Stolp V Star; Europa Tri Gear; Glasair; TL2000 Sting; Vans RV 3 & RV10; Bantam B 22;
Sonerai; Drifter; Pitts S-1D Special; Auster J1; Champion 7GCBC; Titan T51 Mustang;
RF Dominator (&Sub4 tandem), Bensen B8m, Magni Gyro M 16, M 22 & M 24; Europe MT
03 Eagle; Celier Xenon; PS KB 3; H 300; R22, R44 & R66; Bell 206B; DG Flugzeugbau
10005.

Ground support crews will find "Athbey Farm" airstrip on Valley Road, via Condoit or Pinfold
Roads off SH2 north of Woodville.

CONTACT: Colin MacMillan 063287882 - 0274515817, email: macmillan@inspire.net.nz

THIS EVENT IS FOR AVIATORS ONLY - NO PUBLIC ADMITTANCE.

Membership changes

Herman Ahrens	Northland Microlight Club	Advanced National	Inspection Authority
Michael Fairburn	Wairarapa Ruahine Aero Club	Advanced National	Upgrade
Justin Remnant	Fiordland Aero Club	Senior Flight Instructor	Upgrade
Chris Anderson	Canterbury Recreational Aircraft Club	Advanced National	Inspection Authority
Gregory Dawson-Sheehan	Auckland Recreational Microlight Aircraft Club	Advanced National	Upgrade
Grant Waugh	Whangarei Flying Club	Advanced National	Inspection Authority
Hayden Faulknor	Hawkes Bay and East Coast Aero Club	Intermediate	Upgrade
Stephen Butler	Auckland Recreational Microlight Aircraft Club	Intermediate	Upgrade
Karl Jones	West Coast Microlight Club	Advanced National	Upgrade
Jeremy Philip	Canterbury Recreational Aircraft Club	Advanced Local	Upgrade
Derek Simmons	Central Hawkes Bay Aero Club	Intermediate	Upgrade
Robert Hyland	Gyrate Flying Club	Advanced National	Joined
Liam Gahegan	Bay of Islands Aero Club	Novice	Joined
Amy Sheppard	Canterbury Recreational Aircraft Club	Novice	Joined
Donald Preston	Fiordland Aero Club	Advanced National	Joined
Douglas Pilbrow	Canterbury Recreational Aircraft Club	Advanced National	Upgrade
Kevin Rotsaert	Associate	Advanced National	Upgrade
Frederick deLange	Canterbury Recreational Aircraft Club	Novice	Joined
Geoffrey Pannett	Hawkes Bay and East Coast Aero Club	Novice	Joined
Liam Wedlake	Canterbury Recreational Aircraft Club	Novice	Joined
Victor Menkal	Associate	Advanced National	Joined
Roger Palmer	Canterbury Recreational Aircraft Club	Novice	Joined
Henriette Beikirch	West Coast Microlight Club	Advanced National	Joined
Zheng Qiu Yang	Feilding Flying Club	Novice	Joined
Andrew Turner	Canterbury Recreational Aircraft Club	Novice	Joined
Ernest Morey	Coromandel Flying Club	Advanced National	Joined
Barry Burgess	Gore Aero Club	Novice	Joined
Liam Loftus	Feilding Flying Club	Novice	Joined
Peter Avery	Bay of Plenty Microlight Assn	Flight Instructor	Joined
James Massy-Greene	Wairarapa Ruahine Aero Club	Advanced National	Joined
Shubhranshu Mehanwal	Canterbury Recreational Aircraft Club	Novice	Joined
Donald Urquhart	Nelson Microlight Club	Advanced National	Joined
Simon Morice	Canterbury Recreational Aircraft Club	Novice	Joined