

Manawatu Microlight Club Newsletter for 17 Sept 2011

www.manawatumicrolightclub.org.nz/

Editorial Comment

Our club is a fantastic place to spend time at. Sitting on the verandah watching the activity around you, cupper tea, talk, go flying. You are for the time there mostly distanced from the day to day, work and all the other things in your life consuming the Monday to Friday.

You would have to have been lost on a desert island or similar to not be aware that all is not well with the way our club members are interacting with each other.

I would like to share your club president is not suited to handling this situation, probably because it is not fun and secondly everyone ends a loser.

It is very important that some club members show how big they are by putting personalities aside for the future of the club.

Ed

Phillips got the power.

About 12 weeks ago the opportunity came up to purchase a modified Rotax 670, It looks just like a Rotax 582 on steroids weighs only 3kgs more than the standard 582 and is detuned to 105hp at 7200rpm. It actually produces more horsepower at 4000rpm than the faithfully Rotax 503 ever did at full throttle. The new motor comes complete with new dual carbs, new C gearbox, and new rotax electric start.



Out with the old and in with the new.





New Rotax 670 engine bolts straight up to existing mounts but requires a little engineering assistance to clear the rear carb.

The two black domes with the red centres are the RAVE's

The 670 uses a system called RAVE to adjust the power output of the 670 engine at lower engine rpm. The 670 Rotax uses the spent exhaust gasses to open and close the

RAVE valve, which is a simple guillotine style of valve which changes the exhaust port timing and therefore changes the power curve. A small hole in the exhaust port applies pressure to a set of bellows, under load or at high revs the back pressure pulls the guillotines up and down adjusting the back pressure of the exhaust system. At lower rpm a spring is used to keep the valves closed.

Many thanks to Mark Dean for his engineering assistance on the engine mount, radiator scoop, exhaust brackets, some other brackets and cowling work.

Phil

Keep your Diary free for this one

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**ATHBEY
FARM**

MANAWATU MICROLIGHT CLUB

7th Annual New Year's Day fly in

The Worlds first New Years aviation event

All aviators and aircraft types welcome

Date: 1st January 2012

Time: In time for mid day \$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

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 MMC instructor.

Past visitors have been, C 150, C172, C180, C188; Rallye; Piper PA 28 & PA 22; FU 24 950, 954 & Cresco; Rand Kar Xair & Hanuman; Avid Speed wing &

STOL; Meteor Sky arrow; Jodel D9 & D11; Rans S6ES; Gardan Minicab (& UL); Pelican; Alpi 200 & 300; AirBorne Outback; Fisher Horizon; Rans S-9; Savannah; Maranda; Tecnam P 92 & P 96; Zlin 37T; Edgar Percival EP9; Gruman Agcat; Skyfox Gazelle; Zenair CH 200, 601 & 701; DH Chipmunk Mk 22; Jabiru; Stolp V Star; Europa Tri Gear; Glasair; TL2000 Sting; Vans RV 3 & RV10; Bantam B 22 J; Sonerai; Drifter; Pitts S-1D Special; Auster J1; Champion; Titan T51 Mustang; RF Dominator (& Sub4 tandem), Bensen B8m, Magni Gyro 2000T.

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

For further information and contacts,

Club President Ed 027 3569787

Club Captain Pete 06 3687754

Club CFI Bill 027 2408500

Clubhouse 06 3239861

Vice President Colin 06 3287882

Or www.thisiswoodville.co.nz/pages/about-us/unique-to-woodville.php

Worlds First, Aviation event in the world each New Year

Next committee meeting is First Monday 7 November at 7 pm. Any club member is welcome to attend and see whats happening.

Hanuman is out of action at the moment while we investigate movement and consequence of ribs in the wing forming the shape turning in their pockets.

See you out there