



**NOTE:
CLUB NIGHTS
ARE NOW
ON A
TUESDAY –
NOT A
WEDNESDAY**

AUCKLAND REGIONAL MICROLIGHT AIRCRAFT CLUB

www.armac.info

AUGUST 2007

NEW CLUB NIGHT: 1930 hours TUESDAY 14th August 2007

Preceded by Committee meeting 1830 hours

Visitors are most welcome - refreshments available

VENUE: **Commercial Traveller's Club, 27-33 Ohinerau Street, Remuera**

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PREZ SEZ:

Hi All

This months meeting will consist of a slide presentation of the history of Pikes Point - So Don't Miss It!!

A lot of photos have been scanned to disc as a slide show and I'll be presenting them with the help of some notes from Bob Syron. This photographic history of Pikes Point' DVD can be purchased on the night for \$12.00 per copy - all proceeds to the club.

There have been some changes to the Te Kowhai Microlight club, including a new venue for club meetings. At this stage I'm unable to advise a schedule of flight trips organised by the club for us to perhaps participate in, so it looks like we'll have to organise outings for ourselves. Let's do it!

Recently I have thought about ELTs (emergency locator beacons) For those of you who undertake longer flights perhaps over uninhabited or inhospitable terrain these personal units below may be of interest. Don't forget to hint - Christmas is coming you know!!

Here's one I found. Also note that 121.5 MHz is being phased out, February 2009 being final transmission date so the one below is only good until then. And if you want to buy something to last a little longer then cost all but doubles. This was taken from <http://downunderpilotshop.co.nz>. There's a lot of interesting stuff here for the pilot or budding pilot.



The GME MT-310 Personal Epirb is completely waterproof, and is fitted with long life batteries capable of retaining up to 90% of their original Amp hour capacity after 10 years. There is a safety seal which serves to indicate that the beacon has never been activated and the batteries used. Designed to fit comfortably into a jacket pocket, the MT-310 can also be worn on a belt with the supplied carry case. The MT-310 is the ideal travelling companion for trampers, yachties, pilots, and all those venturing out and beyond. The test facility allows the beacons functionality to be tested without the fear of accidentally turning the unit on and sending a distress signal. The test actually measures the transmitters power output, not just the battery condition.

The Epirb complies with New Zealand and Australian standards for marine applications (4330: 1995) and CASA regulations for aviation use

FEATURES

Test battery life without activating
Two channels
The size of a personal radio
Comes with a carry pouch

SPECIFICATIONS

Frequency Both 121.5 and 243 MHz
Battery life Up to 10 years

\$269

Prices and Availability are subject to change.

While every attempt is made to ensure the information provided on the GME EPIRB MT310 is accurate, specifications change from time to time and we are not liable for any omissions or errors.

GST is included, however if we are unable to supply an item within New Zealand it will come from Australia, in these cases GST will not be applicable, however due to the extra shipping cost involved the price quoted on this website will be the total price charged.

Activity for:

AUGUST 2007

August 19

New Zealand Precision and Rally flying Association AGM at Murray Smith's, Ohaupo. Meeting begins at 1.30pm

[3rd Sunday of every month](#)

Fielding airfield

BBQ Lunch

[Every 2nd Sunday from 12.30pm](#)

Coromandel Airfield

Club Day BBQ

1st & 3rd Sundays

Coromandel

Young Eagles Afternoon

Last Sunday of the Month.

Kerikeri Airport, Bay of Islands

\$5.00 snack lunch @ Midday.

4th Sunday of every month

Waikato Microlight Club, Collins Rd strip, Hamilton

BBQ from about 11:00am onwards, visitors welcome

March 8-9 2008

Waipukurau airfield

*****RAANZ National Fly-in*****

SEPTEMBER 2007

September 3-6

Asian Aerospace, Hong Kong. Featuring issues relevant to Asia Pacific aviation over the next 20 years. www.asianaerospace.com

September 28-30

Nelson Aero Club 75th anniversary. All who have been associated with the Club and wish to attend are most welcome. For further information contact: Kevin Allport, 14 Green Street, Tahunanui, Nelson 7011 Ph 03 548 5387 or 027 234 5961

That's all from me

Regards

Kevin

BIO FUELS

Fuel made from milk coming to service stations

NEW ZEALAND HERALD

1:06PM Wednesday August 01, 2007

New Zealand's smallest oil company today launched the first commercial biofuel to hit the nation's service station forecourts - a petrol blended with ethanol made from milk.

Gull's Force 10 biofuel is a blend of premium petrol containing 10 per cent ethanol produced by dairy cooperative Fonterra.

Prime Minister Helen Clark, who poured the first biofuel at today's Auckland launch, congratulated Gull on leading the pack.

She said: "Gull's new fuel provides motorists with real choice, helps New Zealand to reduce greenhouse gas emissions and takes New Zealand a step further towards achieving sustainability."

She said the biofuel obligation on fuel companies would reduce New Zealand's greenhouse gas emissions by more than a million tonnes between 2008 and 2012.

Biofuel is any fuel derived from biomass, recently living organisms or their metabolic byproducts, such as manure, forest or crop waste, or even pond scum.

In February the Government set a national target of 3.4 per cent for the biofuel component of petrol and diesel in 2012.

Oil companies will have to start offering biofuels from April 1 next year, and the Government has said there will be no excise tax charged on the ethanol.

Fonterra's Edgecumbe dairy factory in the Bay of Plenty successfully tested petrol mixed with 10 per cent ethanol in a 1.8-litre car.

The Edgecumbe plant produces 30,000 litres of ethanol a day and over five million litres in a dairy season. Fonterra also produces ethanol at other plants, including Reporoa and Tirau, for use in industrial cleansers, vodka and gin.

The blend was approved by the Environmental Risk Management Authority (Erma).

Gull - a family-owned operation with 30 petrol stations in the North Island - signed on Fonterra in 2004 to produce ethanol to be added to "premium" petrol. Blending of petrol and ethanol will take place at Mt Maunganui.

It will be pitched to New Zealand drivers of recently-imported vehicles wanting to run the family car on a "green" fuel, according to the general manager of Gull New Zealand Dave Bodger.

The Force 10 fuel will initially be sold at Gull forecourts in Albany, Kingsland, and Wiri, and will later be rolled out to most of its 30 sites.

- NZPA

Statement from CAA on ethanol blended fuels...

Ethanol-blended Auto Fuel

The Civil Aviation Authority has been advised that the Environment Efficiency and Conservation Authority will very shortly announce the availability of ethanol-blended auto fuels in New Zealand. Auto fuels free of ethanol will still be available however, and AVGAS remains unchanged.

The blend will contain a maximum of 10% ethanol. All retail pumps selling ethanol-petrol blends must be labelled.

The FAA and Cessna have declared ethanol-blended fuels as inappropriate for aircraft use. The UK CAA do not permit the use of auto fuel containing alcohol.

The Experimental Aircraft Association (EAA) also consider the use of ethanol-blended fuels inappropriate due to:

- Increased possibility of vapour lock at high temperatures
- Slush formation at low temperatures due to the high attraction of water to ethanol
- Material compatibility over a period of time.

The Civil Aviation Authority accepts the position taken by the EAA and the foreign authorities and will issue an Airworthiness Directive (AD) to ensure that aircraft operating on automotive fuels will not be fuelled with an ethanol-blended product.

The Airworthiness Directive will apply to a significant number of microlight and experimental category aircraft.

Further details will be posted here, and advice sent to the Aircraft Owners and Pilots Association, Sport Aircraft Association, Recreational Aircraft Association of New Zealand, and Sport Aviation Corporation.

EVENTS

ARMAC Fly Ins

*Tentative arrangements are underway for a fly in to Tauranga
It is hoped that this event will include a tour of the tower*

Fly in is being pencilled in for November, in the hope of more settled weather.

The Raglan fly in that was cancelled / postponed earlier in the year due to poor weather could still be a goer if enough people are keen. Again, this will have a greater chance of success a bit later in the year as we move into spring.

*Coromandel Airfield Every second Sunday
Club Day & BBQ lunch from 1230 hours
Contact Lisa: (07) 8662055, clubrooms (07) 8668638, aviatrix@wave.co.nz*

*Waikato Microlight Club 4th Sunday of every month
BBQ from 1100 hours onwards, visitors welcome
Inside Hamilton CTR, use Hospital NORDO transit lane,
not above 700' QNH. Enter between Templeview and city,
or call Hamilton Tower 122.9*

*RAANZ Fly In Waipukurau Airfield
8-9th March 2008
Further details to follow*

AVEX *The NZ National Aviation Expo is a new event planned for 11 - 13 October 2007 at the Mystery Creek Events Centre near Hamilton (adjacent to Hamilton Airport). More information at: <http://www.avex.co.nz/> COULD BE WORTH A FLYIN!!*

FRTO EXAM

With still no resolution in sight from CAA with having a RAANZ FRTO exam signed off I went and sat mine recently at Ardmore through ASL (Aviation Services Limited). They charge about \$40 (from memory) for the exam and then you pay a \$30 supervisor's fee to the minder in the exam. It's a bit more than the \$0 that a RAANZ exam would cost, but at least it is done and out the way.

The exam itself is only 25 multi choice questions and a few good reads over the Advisory Circular would give enough knowledge to pass comfortably. Most people would probably pass it just from general knowledge and common sense.

Given the MBZ at Mercer, around Ardmore and at Matamata, as well as the Special Procedures Area through the Waihi gap (to mention just a few) it is probably money well spent and I'd recommend it to anyone who hasn't got theirs and has been thinking about biting the bullet.

ONLINE FLIGHT PLANNER

Have you tried the flight planner on the internet? www.flycalc.co.nz/flycalc.asp

It has most of the airfields already listed, plus the ability to add in the lat/long of your own way points. You enter your fuel consumption rate, true airspeed and wind strength / direction and it produces your bearings, distance, duration and fuel burn for each leg.

The table then sets itself up for printing. Looks pretty narly, but it would still be prudent to double check the computer with VNC, pencil, protractor, ruler, flight calculator / slide rule and the good old Mark I brain.

SUGGESTIONS SOUGHT

Have you got any accounts of interesting destinations or flights that could be published in TARMAC?

What about any suggestions for club events or articles?

If you've got anything you'd like to see in the newsletter, please let me know.

PICTURE OF A MAN WITH ONLY SECONDS TO LIVE...



*"Did you name it after me,
like you said you would?"*

FROM THE "YEAH, I'VE HAD SOME DODGY LANDINGS, BUT..." FILE

