

QUEENSLAND ULTRALIGHT ASSOCIATION

JULY 2007 NEWSLETTER

Watts Bridge Memorial Airfield, Silverleaves Road via Toogoolawah, Qld

Sponsored by : ACOUSTIC TECHNOLOGIES

EXCELLENCE IN PROFESSIONAL AUDIO (07) 33764122

WWW.atprofessional.com.au



Christmas in July
Place: AAC Clubhouse Watts Bridge
14 July 2007 19:00

Menu

Soup – Pumpkin	Plum Pudding with Brandy Cream
Roast Pork – Roast Beef	Steamed Jam Pudding with Custard
Apple Sauce & Gravy	Coffee and Tea
Roast Potatoes & Pumpkin	
Mornay Vegetables	Drinks: BYO
Bread Rolls	Cost: \$25.00 per person

Bookings are essential as places are limited – Contact Liz Cook 5411 4120 or 0419 389 963

To assist with catering please email liz_cook@bigpond.com to advise attendance before Friday 29 June 2007

**Please also deposit cost of ticket(s) to Westpac BSB 034115 Account No. 16-4115
Using surname as reference by Friday 29 June 2007**

We look forward to seeing you all at Watts Bridge Airfield in July

The 14th / 15th of July should be a busy weekend at Watts Bridge Memorial Airfield with the QUA Poker Run and the Christmas in July Dinner being planned for the Saturday with some folk planning to stay overnight that evening. The Poker Run commences at 09.00 am and concludes by 14.00 pm with some refreshments available during the day. Hopefully the weather will co-operate with us this year, unlike last year when flying was very limited due to the drizzle.

The Christmas in July Dinner commences at 19.00 pm with a great menu planned. Venue will be in the new aerobatic clubhouse at Watts Bridge as organized by Liz Cook. Please email Liz on liz_cook@bigpond.com or phone 07 54114120 / 041938963. Bookings and payments are required by Friday 29th July 2007 to secure your seat. These events are open to all interested flying folk.

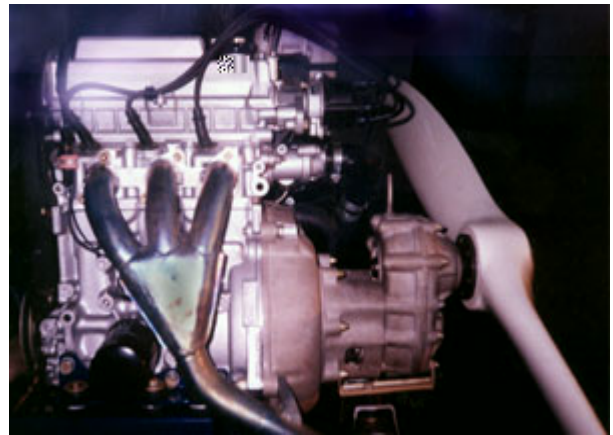
PRODUCT OF THE MONTH

Suzi Aero Services

Engine Conversions & Conversion Kits

Auto Engines General Information

Modern auto engines are light, have a high reliability and life time. Electronic ignition and fuel injection with microprocessor control systems, low gas consumption and flight hour expenses, simple and inexpensive maintenance with an attractive unit price. These features usually distinguish converted auto engines from their "real aviation" brothers.



There is a lot of experience in the converting of Subaru, Honda, Chevy, Nissan and other engines but the light and small Suzuki 1 litre is the most interesting engine for me as an ultralight triker. There are several companies that are converting this engine; for example [Raven Rotor](#) or [Joplin Light Aircraft](#). This engine with fuel injection has the same 64-65 h.p. as the popular Rotax 582 model. A Trike with a Holden Barina / Suzuki Swift engine has very good flight performances with significantly lower flight hour costs. Its TBO is about 1000 hours. Its alternator and starter plus a lightweight battery allow you to start easier in any weather, have lights, radio, intercom etc. Electronic control modules with sensors are easy to fit to allow different temperature, altitude, humidity, and gas quality. The engine will be working with a minor loss of power. You will not need to spend a lot of your time on its conversion to achieve an economical powerplant.

Suzuki Power Group Conversion Kits

The gearbox life time is 1000 to 2500 hours, (depends on the engine power and the prop moment of inertia). Its manufacturer advises to change bearings after 1000 hours. About 300 gearbox sets have been made and delivered to the end of 2004. Some of them have 600 to 700 operating hours. This system is well proven. My customers and I have never had any problem with these gearboxes. I have never even opened one. One of my customers opened one after about 250 running hours. "Looks like new inside", he said. The body consists of three bolted together parts: #1) gearbox with the gear and oil inside, #2) damper part, #3) mount plate for the gearbox installation to the engine. This part is different for different model (Suzuki or Subaru) engines.

NEXT QUA MEETING ON MONDAY 2nd JULY AT 07.30 pm



SPG-2

This gearbox was designed for aviation conversion of engines up to 180 h.p. It has been in production since 2000. The available reduction ratios are 2.03, 2.34, 2.5. There is a German (BMW) rubber damper between the gear box and the engine.

The propeller moment of inertia up to 9,000 kg/cm². Rotax-style propeller hub, propeller shaft with a hole. It is possible to use this gearbox for both (tractor and pusher) layouts. A hollow output shaft allows for variable pitch prop.

.The advantages of this conversion kit are its big TBO and reliability, with the possibility of using heavy propellers. Using this kit, you don't need to change belts and pay for them. You don't need to modify the engine block so the mechanical part of conversion is very simple - just bolting the gearbox up. You will keep a stock water outlet with thermostat. I heard a lot about overheating problem from people using conversions with modified water cooling system but have never had it even with my small radiator closed by BRS system. It is also its high efficiency. For example, I got 375lbs of static thrust from my stock unmodified engine with a 2.5 RR gearbox and low noise 69" 3-blade carbon propeller. Now we provide not only conversion kits but also ready-to-install power plants based on low-mileage stock or completely remanufactured and modified GEO-Suzuki engines. We also sell gearbox conversion kits for the Subaru EA-71 EA-82 EJ-18 EJ-20 EJ-22.



CONTACT DETAILS

Suzisport Springwood
3339 Pacific Highway Springwood
Ph: 07 3808 7637 Fax : 07 3808 7519
suzisport@keypoint.com.au

AIRCRAFT FOR SALE



Your editor is offering his Tyro 2 for sale to any interested persons. This little aircraft is a currently airworthy, registered 95.10 ultralight with 160 hours logged to date since completion in 2002. Engine fitted is a Rotax 377, with a timber propeller, and a good selection of instruments. Currently hangared at Watts Bridge, and in very good condition. This is a great little aircraft for consolidating one's training and seeing the local scenery. Asking price is a give away at \$4,950.00. Contact Mal on 0414723049 or 07 433415348 for more information or to arrange an inspection.

For Sale - Single Seat Project

What you get : The good news

Aircraft is a full metal wing variant of a "Tyro" with one wing almost finished, spar and ribs of the other complete. Fuselage complete. All metal sheet to finish wing covering, and ailerons. Other stuff includes wing struts, engine mount (503), joystick assembly etc. Lots of brackets and a fiberglass shell. The workmanship to date on all parts is exceptional. I purchased this project based on the quality of the work done by the previous builder / owner.

What you don't : Bad news?

This is NOT a kit, and effort will be required to design seat mounts, control systems etc. The purchaser will have to come and get it, I will not crate it or freight it. This represents a bargain for someone who has both the time and the space to complete it. Unfortunately I have neither, hence the reason for sale. I can send digital pictures if requested. Asking \$3000 (or sensible offer). Please contact me (Ian Mitchell) on 0409 764 477 if interested. I've bought an aircraft, so I have even more motivation to sell. Plus the wife wants her garage back!

FOR SALE --- Drifter two seat aircraft with a recently rebuilt electric start Rotax 503 engine fitted. This Drifter is currently located at Clifton Airfield. Please contact Jim Ben on 07-46971152. Asking price for this well maintained recreational aircraft is \$17,000.00 .

NEXT QUA MEETING ON MONDAY 2nd JULY AT 07.30 pm

FOR SALE

Pee-Wee II with fully enclosed (Registered) trailer. Wings and elevator have just recovered and refurbishment is complete. New paint. Excellent aircraft. Many hours of trouble-free operation.

Currently located at Bradfield.



Asking \$11,000.

Call Gavin 5426 2118 (after hours)
or on mobile 0409 265 343

QUEENSLAND ULTRALIGHT ASSOCIATION

MINUTES OF JUNE 2007 GENERAL MEETING

MEETING OPENED	08.05 pm
APOLOGIES	Roger Kelly , Richard Sweetapple
MINUTES OF PREVIOUS MEETING	NIL
PRESIDENT'S REPORT	THANK YOU to Richard and Mary Sweetapple for hosting the May QUA meeting. Richard gave a talk on making props. The Poker Run is on Saturday 14 th of July from 09.00 am. The Christmas in July Dinner is at Watts Bridge Airfield, also on the 14 th from 07.00 pm. Bookings and payment need to be made by Friday 29 th June 2007. Refer to Liz Cook
TREASURERS REPORT	Absent.
SECRETARIES REPORT	Two emails.
WATTS BRIDGE REPORT	Registered leases are a reality, with fourteen being processed per week by the Water Board due to their busy workload. The Gaming Board gave a donation for the purchase of a Hustler Super Z ride on mower to aid airfield maintenance. A maintenance levy of \$100 per annum per member is being considered to offset the ongoing airfield maintenance costs. This levy has been suggested due to the lack of interest in of maintenance task responsibilities by airfield users.
RAAus REPORT	Thanks to RAAus board member Beven Dryden for attending Beven handed out a plaque and trophy to Richard Faint who was awarded the Scott Winton Memorial Shield for the most innovative ultralight design at Narromine this year. The perpetual trophy will remain in the RAAus office. Part 103 – To govern Recreational Aviation in Australia. Part 149 – To govern Recreational Aviation sport bodies. Update to 750kg Gross Weight. Much interest expressed by the lighter GA and warbird aircraft owners. NPRMs are planned to be released on the above later this year or early next year. Single seat pilot endorsements are still allowed by the RAAus.
GENERAL BUSINESS	Mike Smith is holding a cardigan as lost property.
SOCIAL DIRECTOR	The Poker Run 2007 is set for Saturday 14 th of July to coincide with the Watts Bridge “Christmas in July” function being organized by Liz Cook and the WBMA. Roger Kelly is to organize the BBQ . Richard Faint to distribute the envelope cards at the various airfields.
SPECIAL THANKS	to Robin Salisbury for preparing the supper this month.
MEETING CLOSED	08.35pm

ANNUAL SUBSCRIPTIONS ARE DUE NOW !!!

Once again another year has passed and it's that time again to pay the annual \$40.00 QUA subscription fee. Treasurer Roger Kelly is happy to accept cash or a cheque in the mail if you can't make the next meeting. Contact Roger on 07-32799710 to arrange payment. A tear off slip is included for your convenience .

SOCIAL CALENDAR

- June 30 – July 01 Fitzzy's Fly-In just north of Biloela towards Smoky Creek
BYO Swag and camping gear, BBQ, refreshments on sale
Contact Tony on fitzycon@tpg.com.au
- July 2 QUA General Meeting at the SAAA Clubrooms from 07.30 pm
- July 14 QUA Poker Run at Watts Bridge. Competition to start from 09.00am with
a BBQ / Sausage Sizzle / Soup / Drinks available during the day.
- July 14 The Watts Bridge " Christmas in July " Dinner at Watts is being organized
by Liz Cook, phone 07 32345056. See the front page for more details.
- July 29 QVAG Breakfast Fly-in at Watts Bridge, starting from 08.00am.
Contact Shane Winter on 07-33003357 or 0407122219.
- August 26 – 27 QVAG Festival of Flight Vintage Fly-in at Watts Bridge.
" The Vintage Experience " Camping and food available on site.
Contact Shane Winter on 07-33003357 or 0407122219

PRESIDENT Peter Ratcliffe 07 33413077 TREASURER Roger Kelly 07 32799710
SECRETARY/ EDITOR Mal McKenzie 07 33415348
Email mmc80789@bigpond.net.au

QUA SUBSCRIPTIONS 2007 TEAR OFF FORM

Please post to QUA 16 London Street, Eight Mile Plains, 4113

NAME _____

ADDRESS _____

_____ POST CODE _____

PHONE NUMBER _____

QUA SUBS \$40.00 _____ EMAIL _____



FUN FLYING POKER RUN

The Fun Poker Run will be held on Saturday the 14th July 2007 commencing at 9:00am and finishing at 2:00pm.

It doesn't matter what you fly, be it an ultralight, gyro, trike, fantastic plastic, GA Tinny, F-111, whatever.....
If it flies - we'd love you to join in the fun !!

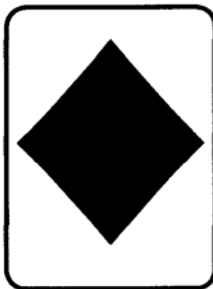
Here's what you have to do:

Fly to *the THREE (3)* participating airfields - Bradfield, Kilcoy, and McCarrons's Field and collect an envelope which contains a Playing Card from under the Primary Windsock.

DO NOT OPEN THE ENVELOPE at this stage.

You can start anywhere you like and go to the airfields of your choice in any order that suits you.

Plan your trip so that you end up at Watts Bridge Memorial Airfield. Pay your entrance fee of \$5.00 and collect a further *TWO (2)* Cards to complete your Five Card Poker Hand.



Have a quick snack at the QUA Saturday BAR-B-QUE at the QUA HANGAR—WATTS BRIDGE.

THIS IS A FUN FLYING EVENT SO COME ON AND GIVE IT A GO !!

If you have any questions please contact:

Richard Faint

Phone: (07) 3818-1988
Mobile: 0412-317-754
Email: rfaint@auav.org

**BRADFIELD
KILCOY
Mc CARRON'S
STRIP
WATTS BRIDGE**

S 26° 58.2'
E 152° 34.0'

KILCOY

**GIVE IT A GO—IT'S A GREAT
EXCUSE TO GET AND GO
FLYING !!!**

S 27° 25.1'
E 152° 24.1'

BRADFIELD

S 27° 05.9'
E 152° 36.2'

Mc CARRON'S

**AIRFIELD
LOCATIONS**