

# **QUEENSLAND ULTRALIGHT ASSOCIATION**

## **JULY 2005 NEWSLETTER**

Watts Bridge Memorial Airfield, Silverleaves Road via Toogoolawah, Qld

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## **FUN FLYING POKER RUN**

Yes it is on again. The Poker Run will be held on Sunday the 24 th of July 2005 commencing at 09.00 am and finishing by 03.00pm. It doesn't matter what you fly, be it an ultralight, gyro, trike, super plastic, recreational tinny one, GA or vintage, whatever..... If it flies – we would love you to join in the fun !!! Make it happen !! Open to all.

Here's what you have to do:

Fly to any **THREE (3)** of the participating airfields 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 to finish 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. Best hand wins !!

A **BBQ / SAUSAGE SIZZLE** will be on the go near the QUA Hangar at Watts Bridge with coffee or tea on the boil.

**THIS IS A FUN FLYING EVENT FOR ALL**

**POKER RUN 24 th JULY 05**

# POKER RUN SUNDAY 24 th JULY

Any of these airfields for playing cards.

Bradfield                    S 27 25.1    E 152 24.1

Gatton AG  
College                    S 27 33.6    E 152 20.5

McCarrons                S 27 05.9    E 152 36.2

Kilcoy                    S 26 58.2    E 152 34.0

Watts Bridge            S 27 05.9    E 152 27.6

Pick up your cards at any **THREE** of the above.

If you have any questions please contact : Richard Faint

Phone: 07 38181988 Mobile: 0412317754 Email: [rfaint@auav.org](mailto:rfaint@auav.org)

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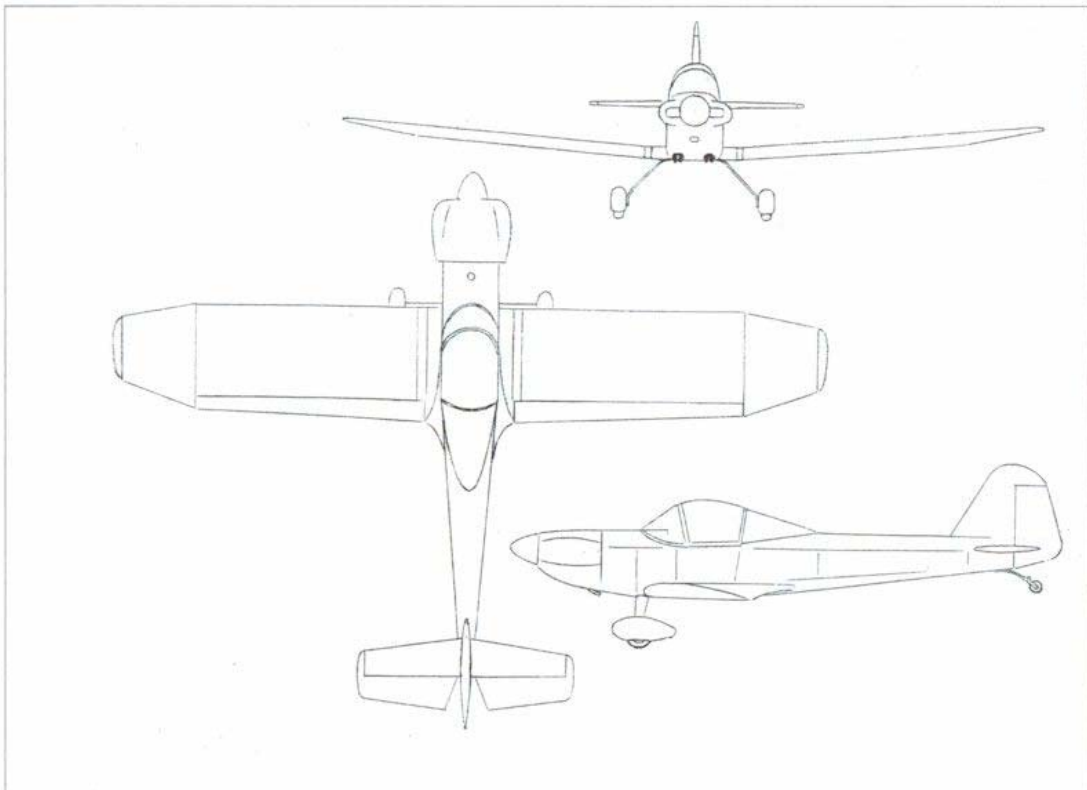
Taylor Cub – New not vintage. Taylorcraft Aviation Inc. have reintroduced the original Taylor Cub as a production aircraft to fit the US Light Sport Aircraft regulations. 1930's feel with modern specs.



# AIRCRAFT OF THE MONTH



*Thatcher* **CX4**



*Thatcher* **CX4**

Length---18' 3"    Wing span---24'    Width---23"    Height---4' 8"

## Thatcher **CX4**



**At Last - - A good looking, decent performing, stable aircraft, that is easy to build, mostly by one person, and can be built for under \$10,000.**

### CX4 Specifications:

Length -----18' 3"  
Wing span-----24'  
Width-----23"  
Height-----4' 8"  
Wing area-----84.4 sq ft  
Fuel-----9gals-----92 oct auto  
Gross weight-----850 lbs  
Useful load-----330 lbs  
Empty weight-----about 520 lbs  
Electrical system, starter and alternator  
Engine---1700CC to 2180--Volkswagen  
Construction---All metal 6061-T6--except cowl  
Brakes--Hydraulic disc--toe brakes  
Heater and vent for all seasons flying  
Design load--4.5Gs

### Performance at 750 lbs with 1700CC engine

Cruise speed -----125 mph at 3000 rpm  
Stall  $V_{so}$ -----40 mph  
Max ceiling-----10,000 ft  
Rate of climb  $V_y$ -----825 ft per min at 75 mph  
Best angle of climb speed  $V_x$ -----63 mph  
Never exceed speed -----165 mph  
Take off roll-----700 feet  
Best descent speed -----65 mph

- **Construction time**-----about 850 hours
- **Cost of materials** -----about \$9200
- **Aircraft may be flown with canopy off**
- **Wings come off in about 20 minutes for transport**

### CX4 Aircraft of the month.

With the interest of some of our members in building all metal aircraft of late I decided to talk about a new all metal design called the CX4 from the United States. It is a good looking, clean design with one seat that is suitable for the Experimental 19 Category for homebuilding. Whilst designed for a VW engine, other engines such as a Jabiru 2200 may also be suitable.

The CX4 is the first design of David Thatcher of Pensacola in Florida. David is a retired aircraft maintenance mechanic with over 50 years experience in this field. To date over 100 plans have been sold including one or two to our locality. Some parts such as engine mounts, canopies and cowlings are available from the designer at reasonable cost.

The CX4 is a conventional all metal design with a three piece wing and fixed undercarriage. The design is similar in concept, size and construction to the aircraft currently being built by Glenda and Richard Faint or those of Don Mellow and Beven Dryden. The CX4 prototype was load tested to six G.

Further information on the CX4 plans, parts and construction is available from [www.thatchercx4.com](http://www.thatchercx4.com).



**Any landing you can walk away from is a good one**

**Moral: Low flying and cables don't go together. Fly safe.**

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**QUA President Gavin in action prop starting Rob Shaw's Tyro at Watts.**

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