

QUEENSLAND ULTRALIGHT ASSOCIATION FEBRUARY 2011 NEWSLETTER

Watts Bridge Memorial Airfield, Silverleaves Road via Toogoolawah, Qld

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Good-bye F111.... hello floods!

F111 Photos courtesy of Tony Wright







Piper drops Light Sport Aircraft (14 Jan 2011)

Piper has announced it is dropping its marketing arrangement for the Czech-built PiperSport. Up until now Piper has had a business relationship with Czech Republic-based Czech Sport Aircraft to market that company's Light Sport Aircraft, but Piper says there are "differences in business philosophies" between the two.

"After a year working with Czech Sport Aircraft, Piper determined that it is in our company's best long-term interests to discontinue the

business relationship which distributed a Light Sport Aircraft manufactured by the Czech company and distributed under Piper's brand by a separate distributor network," said Piper CEO Geoffrey Berger. "Clearly, the company has a different business perspective and approach to the market than Czech Sport Aircraft."

Piper had created a stand-alone distributor network specifically to market the aircraft manufactured and supported by Czech Sport Aircraft and branded as the PiperSport. As the company built that distributor network, it became clear that Piper's core strengths and that of Czech Sport Aircraft were mismatched. "We at Piper have a close affinity with this emerging segment of the marketplace and we have great expectations for the LSA industry," Berger added. "The LSA we were distributing is a good one and we encourage aviation enthusiasts to continue their support of this segment of the market. We certainly understand the implications of this development in the Light Sport Aircraft segment and do not take this action carelessly."

Piper's says its core philosophy is to execute leading aircraft programs where the company offers the most value to customers. An example of this is Piper's sustaining commitment to the PiperJet Altaire business jet program and the improvements the company is making to the global dealer and support infrastructure. "As we have reiterated, Piper is committed to the company's line of efficient and reliable personal, training and business aircraft," Berger continued. "We also continue to support and strengthen an extraordinary global network of Piper dealers and agents dedicated to marketing and supporting these great Piper aircraft for the long-term."



Jabiru 2200-powered home-built sets unofficial distance record (20 Aug 2010)

A Jabiru 2200-powered home-designed and built aircraft has set an unofficial distance record in the US. The Experimental Aircraft Association (EAA) reports one of its members, Arnold Ebnetter, recently flew his labour of love, dubbed 'E-1', from Paine Field, Everett, Washington, to Fredericksburg, Virginia, to set an unofficial record for the longest nonstop flight in an aircraft weighing less than 500 kilograms. The flight covered 2327 miles without stopping over a time of 18 hours and 27 minutes. If confirmed by the National Aeronautic Association and reaffirmed by

the world governing body of flight records, Federation Aeronautique Internationale (FAI), the E-1 would break the record of 1930 miles for the weight class set in 1984 by American Frank Hertzler in a Vari-Eze. Ebnetter, now 82, first imagined the E-1 while studying at Texas A&M University in the 50s, but didn't complete building the aircraft until 2005 with the help of CAD and flight simulator programs.

The E-1 is a strictly all metal, stressed skin, tapered low-wing aircraft powered by a Jabiru 2200, a four-cylinder four-stroke horizontally opposed air cooled engine. The E-1 has a 74-gallon fuel capacity, but Ebnetter said he used 58.5 gallons for the July 25-26 flight due to the weight limits for the record attempt. "We put the airplane on a scale when fueling and stopped at 500kg," said Ebnetter, a former United States Air Force fighter pilot. Top speed for Ebnetter's E-1 is 175kts, and when he landed in Virginia at the end of the flight he figured he could have flown another 100 miles as 2.5 gallons remained in the tank.



Watts Bridge Memorial Airfield – waterlogged!



Before the floods, Mal went out for a spin in the Himax (which I think is now finally sold to another happy owner).



Will Miller has finished covering his work area. It won't be long before he is restoring the Winton.



Also, Will has rebuilt our website (after the server crashed). The new configuration is without the forum, which was under-utilized by QUA members anyway and mostly attracted spammers.

Watts Bridge Memorial Airfield Inc. All-In Fly-In, 21st May 2011

All pilots and aviation enthusiasts are invited to the Watts Bridge Airfield Open Day, celebrating the rich diversity of all forms of recreational aviation. Watts Bridge Memorial Airfield, situated in the Brisbane Valley is the home base for a wide range of aircraft including Vintage, Aerobatic and Recreational Aircraft as well as Gyroplanes, War Birds and a variety of Homebuilt Aircraft.

The All-In Fly-In is an all day event with on-field catering and coffee available. Entry is free with no landing fees. For more information contact Richard Faint 0412-317-754 or better still visit the Watts Bridge Website at www.wattsbridge.com.au **If it flies, it's welcome at Watts Bridge!**

QUA Inc MEETING SCHEDULE 2011

February	Saturday 5 th	at WBMA at the QUA Inc Clubhouse at 10.00 am followed by a BBQ.
March	Monday 7 th	at Archerfield at the Terminal Building at 07.30 pm followed by supper.
April	Saturday 2 nd	at WBMA at the QUA Inc Clubhouse at 10.00 am followed by a BBQ.
May	Monday 9 th	at Archerfield at the Terminal Building at 07.30 pm followed by supper.
June	Saturday 4 th	at WBMA at the QUA Inc Clubhouse at 10.00 am followed by a BBQ.
July	Monday 4 th	at Archerfield at the Terminal Building at 07.30 pm followed by supper.
August	Saturday 6 th	at WBMA at the QUA Inc Clubhouse at 10.00 am followed by a BBQ.
September	Monday 5 th	at Archerfield at the Terminal Building at 07.30 pm followed by supper.
October	Saturday 8 th	at WBMA at the QUA Inc Clubhouse at 10.00 am followed by a BBQ.
November	Monday 7 th	at Archerfield at the Terminal Building at 07.30 pm followed by supper.
December	Saturday 3 rd	QUA Inc Christmas Party at Watts Bridge at 12.00pm

OTHER FLYING ACTIVITIES FOR 2011

March 12 th & 13 th	Clifton Fly In at Banges Airfield at Clifton.
April 22 nd to 24 th	RAAus Natfly at Temora.
April 30 th to May 2 nd	Inglewood Fly In at Inglewood.
May 21 st	All-in Fly-in at Watts Bridge
July 16 th	QUA Inc Poker Run at Watts Bridge
July 16 th	WBMA Christmas in July Dinner at Watts Bridge
August 19 th -21 st	Wide Bay International Air show at Hervey Bay
August 27 th & 28 th	Festival of Flight Vintage Fly-in at Watts Bridge
December 3 rd	QUA Inc Christmas Party at Watts Bridge

My favourite flood photo (from Rocky)



Coming Aviation Events

There are 12 Aviation Events scheduled across Australia during the next 30 days. The full events calendar has 80 events in the next 365 days.

Details at: <http://www.aeroclub.com.au/events/>

Jan 22-23 Watts Bridge Airfield, QLD, AACQLD Aerobatic Practice Weekend

Jan 26 Yarrawonga, VIC, YFT Australia Day Breakfast

Feb 1-Dec 31 Caulfield RSL, VIC, Lightweight Aircraft Association

Feb 5 Temora, NSW, Aircraft Showcase - Jet Fighters

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Feb 6 Wagga Wagga, NSW, Wagga City Aero Club monthly BBQ Lunch

Feb 13 Scone, NSW, BBQ Fly-In & Open Day

Feb 19 Temora, NSW, Aircraft Showcase - V-12's and Jet Trainer

Feb 19 Temora, NSW, Aircraft Showcase - V-12's and Trainer

Feb 19 Essendon Aerodrome, VIC, DC3 Club Flight to Point Cook

Feb 19-20 Cobden, VIC, Cobden Flyin Weekend

Feb 20 Yarrawonga, VIC, YFT BBQ Lunch

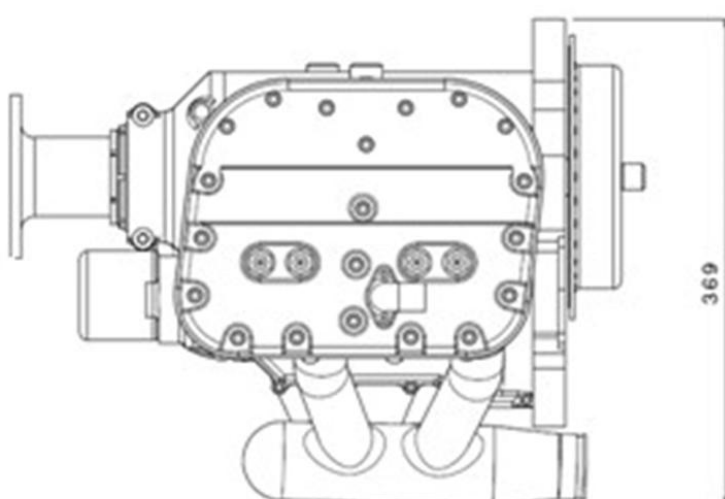
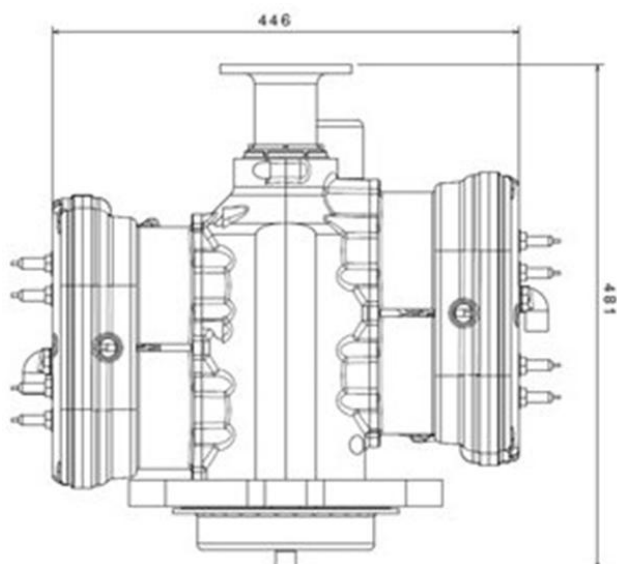
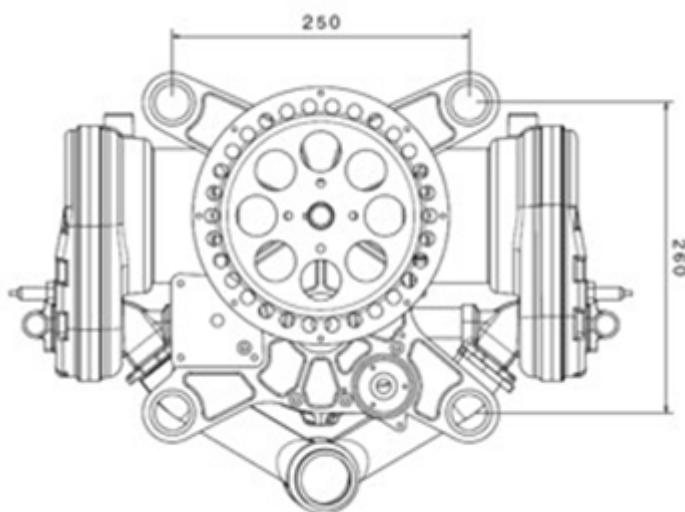
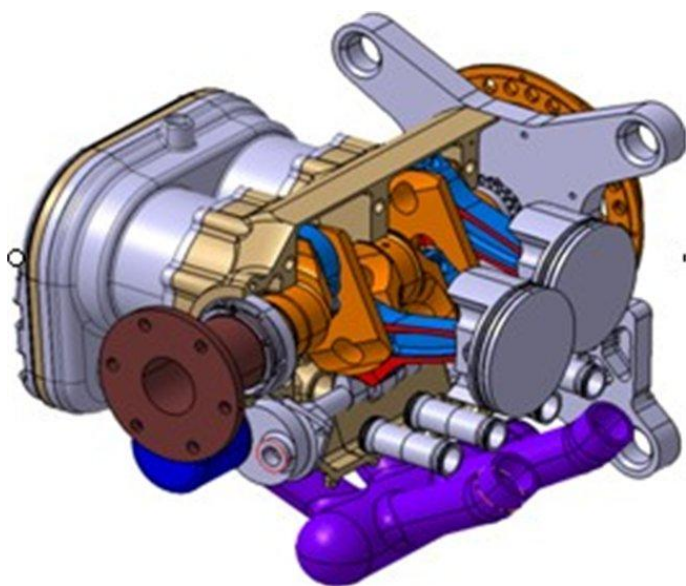
New German liquid cooled, four-stroke aero motor – check the weight!



Kapelstraat 198 8540 Deerlijk

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Type	D- motor LF 26
Class	Microlight aircraft
Engine	Four cylinders, four stroke, liquid cooled
Displacement -- Stroke -- Compression ratio	2512 cc -- 74 mm -- 8/1
Power	80 hp (58.8KW) at 2800 RPM
Fuel consumption (95 oct, 98 oct or avgas)	14 liter at 75% performance
Maximum torque	200Nm available at 2300RPM
Intake	Fuel injection
Alternator -- electric starter	20 Amp -- 1.1 KW integrated
Ignition	Double
Integrated Lubrication	Dry sump with trochoïd pump driven by camshaft
Oil quantity	2.5 L
Dry weight	47 kg (with exhaust, radiator and oil tank)

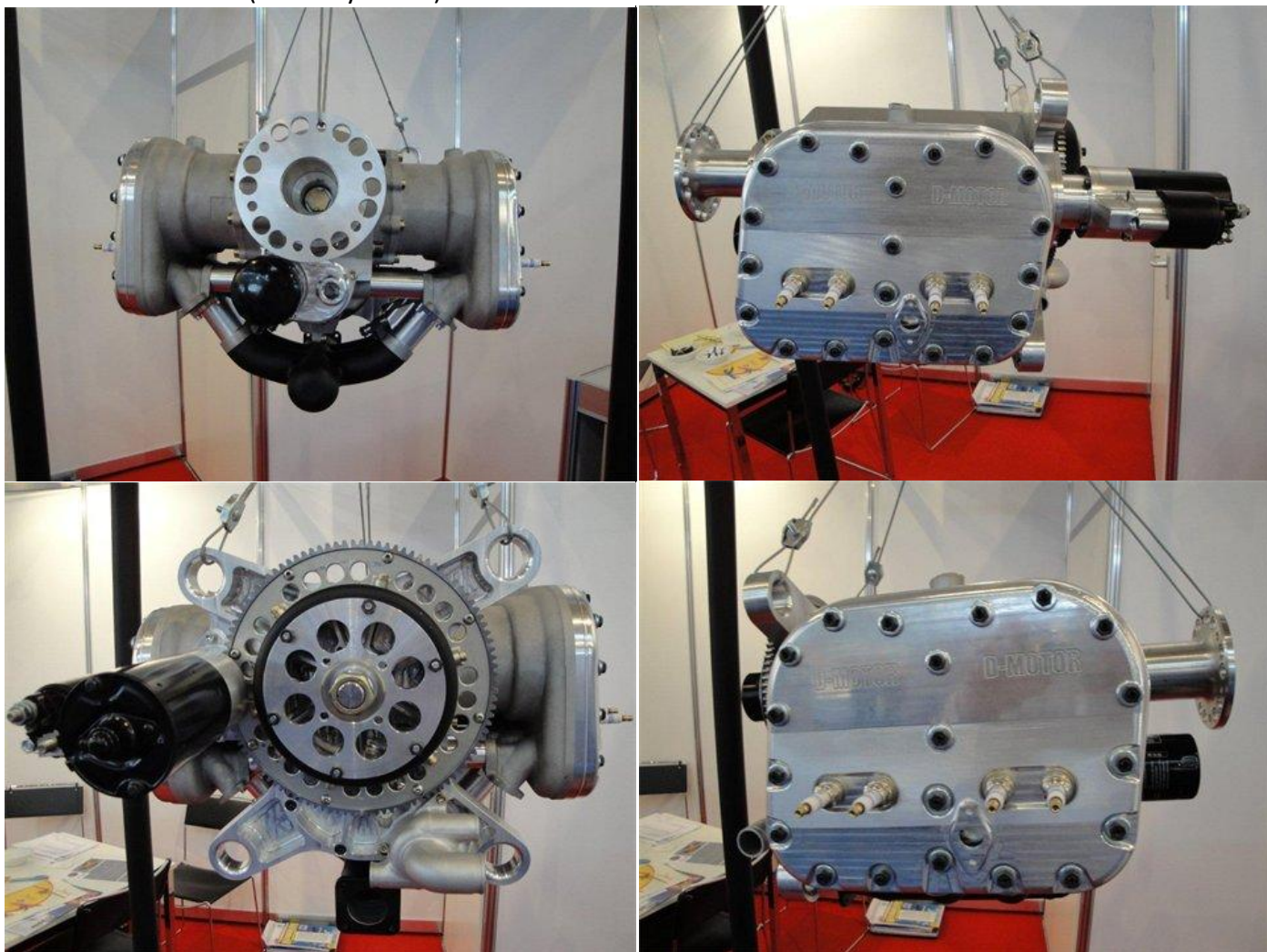


New German motor (continued)

Col Hooker recently wrote to the company and enquired for more details. This was the reply:

We have decided about the dealer price ex-Works but we do not have an end user price for the motor delivered in Australia. We are now producing 10 units which will be sold in Europe. These 10 engines will be carefully monitored over a 6 month period. After this second test period, providing there are no unforeseen problems, we will start mass production and sales of our engine. During this 6 month period, we will also concentrate on the development of a 6 cylinder version. We have obtained a substantial grant to develop the 6 cylinder motor. This grant will allow us to get help and advice from leading research centres for all further development of our products. Kind regards, Alain Dejager.

Photos of the motor (courtesy of Col)



The next QUA meeting is on Saturday 5th February at 10am at the Watts Bridge clubhouse. There will be a BBQ after the meeting.

PRESIDENT: Peter Ratcliffe 0418159429 **TREASURER:** Ian Ratcliffe 0418728238

SECRETARY: Mal McKenzie 07 33415348 Email: mmc80789@bigpond.net.au

NEWSLETTER EDITOR: Arthur Marcel Email: a.marcel@optusnet.com.au

QUA Inc TECHNICAL DIRECTOR: George Perez 0423536

QUEENSLAND ULTRALIGHT ASSOCIATION Inc

MINUTES OF DECEMBER 6TH 2010 GENERAL MEETING

MEETING OPENED	08.03 pm								
APOLOGIES	Neil Bowden, Danny Fowler, Peter Freeman, Robin & Lloyd Salisbury Col Thorpe, Ivor Parsons.								
MEMBERS PRESENT	Seven.								
MINUTES OF NOVEMBER	No business arising. Minutes discussed.								
PRESIDENT'S REPORT	<p>Been a good year. Thanks to those who helped through the past year. QUA Inc Christmas Party was very successful with forty-eight persons present. Special thanks to Julie & Sandy Walker who organized the catering. The kitchen bench top and sink are now also installed. Two fire extinguishers have now been installed thanks to Neil McN. New member, Deb Percy is planning to supply and plant some trees & shrubs at the clubhouse for landscaping the area. Hangar drainage needs to be reconsidered due to the continued rainfall. Ralph Percy said the tank pump requires a water pressure return valve. This needs to be purchased and installed.</p>								
TREASURERS REPORT	<table><tr><td>Opening Balance</td><td>\$ 7,845.51</td></tr><tr><td>Credits</td><td>\$ 1,600.00</td></tr><tr><td>Debits</td><td>\$ 1,630.94</td></tr><tr><td>Closing Balance</td><td>\$ 7,814.57</td></tr></table>	Opening Balance	\$ 7,845.51	Credits	\$ 1,600.00	Debits	\$ 1,630.94	Closing Balance	\$ 7,814.57
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SECRETARIES REPORT	A log of the correspondence of the past month is available.								
WBMA REPORT	Sanitary bins are required for the toilets.								
SOCIAL REPORT	The All in Fly in is planned for Saturday, 21 st May, 2011. Theme of the fly in is to embrace all the home base groups at WBMA and to promote harmony by working together to achieve a successful outcome for the fly in. It is planned that the QUA Inc will only sell soft drinks at this fly in. When the date draws closer, promotion by way of magazine and web page advertising, emails to other flying groups, is planned.								
GENERAL BUSINESS	<p>For the next QUA Inc General Meeting in 2011, Richard Faint is planning to bring an MGL Electronic Flight Instrument System so members can inspect and discuss its operation. This will be a good opportunity to see how this equipment can be used in our aircraft. In 2011 more QUA Inc General Meetings are to be held at Watts Bridge. Every second general meeting will be held in the clubhouse. A schedule of meeting dates will be prepared for the next newsletter.</p>								
NEXT QUA Inc MEETING	Saturday 5 th February, 2011 at Watts Bridge starting at 10.00am.								
THANKYOU	To David Ratcliffe for providing the supper tonight.								
MEETING CLOSED	09.20 pm.								