



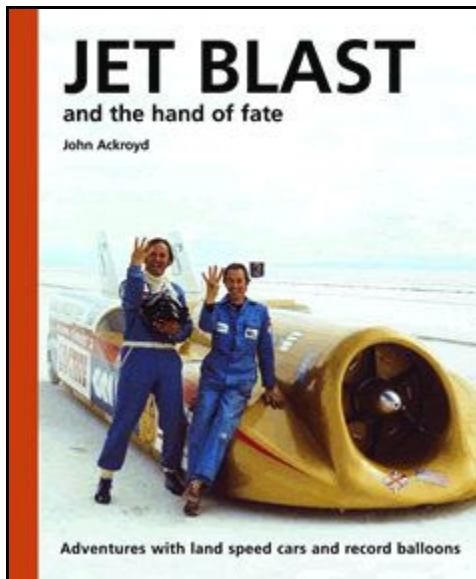
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September 2010 - Newsletter

A BIG hi to all of our sponsors, supporters, friends and LSR followers, welcome to our September Newsletter.

We were hoping to have our long time friend and "Extreme Engineer " John "Ackers" Ackroyd join us this month to assist with the final design of our front suspension and steering geometry, and also advise us on forty three other areas on our car that require a straight thinking engineers input.



Unfortunately for us Ackers was asked to design and build an inflatable structure for the upcoming Delhi Commonwealth Games. From what I can gather this is a unique structure that will showcase the opening ceremony and stay in place until the close of the games where he will have to oversee the dismantling and transport of it back to UK soil.

This man has the most interesting life of any engineer on the planet, having worked on countless special projects worldwide for the likes of NASA, Sir Richard Branson, the late Steve Fossett, Richard Noble, Craig Breedlove to name a few. If you get a chance find his latest book "**Jet Blast and the Hand of Fate**" by John Ackroyd, it's a great read about an extraordinary man. Ackers has promised to make a house call once he has wrapped up this games contract.

http://www.bluebird-electric.net/john_ackroyd_jet_blast_new_land_speed_record_book.htm

Please note – The link above may not work automatically in a PDF, you may have to cut and paste.





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<http://www.locotv.com.au>

I have had a very social month starting with an invite to join the guys at Loco TV on a fishing trip around some of their secret fishing locations in the Indian Ocean off Perth, Western Australia. Loco TV produce a fishing show that is shown regularly on TV and has a great following, or did have until they invited me. We went out for a day of fishing and filming with any early departure from Fremantle wharf at 6am. Boy it was cold that morning and we covered about 120 miles and fished at probably 20 locations, each location

providing a certain type of fish and lots of excitement. This was a great fun day but I think I still prefer buying our fish from the markets. Thank goes to Steve, Alex, Paul and Greenie for a great day and sorry for all the gear I destroyed.



Rosco and Paul Welch of Loco TV ready on their fishing trip

After my Rostrata Primary School visit which I mentioned in last month's newsletter, my team and the Loco TV guys have been invited to attend the finals of the Schools F1 Challenge during September. This should be a great day and we will be privileged to witness some of Australia's future engineers showcasing their skills and F1 model creations.





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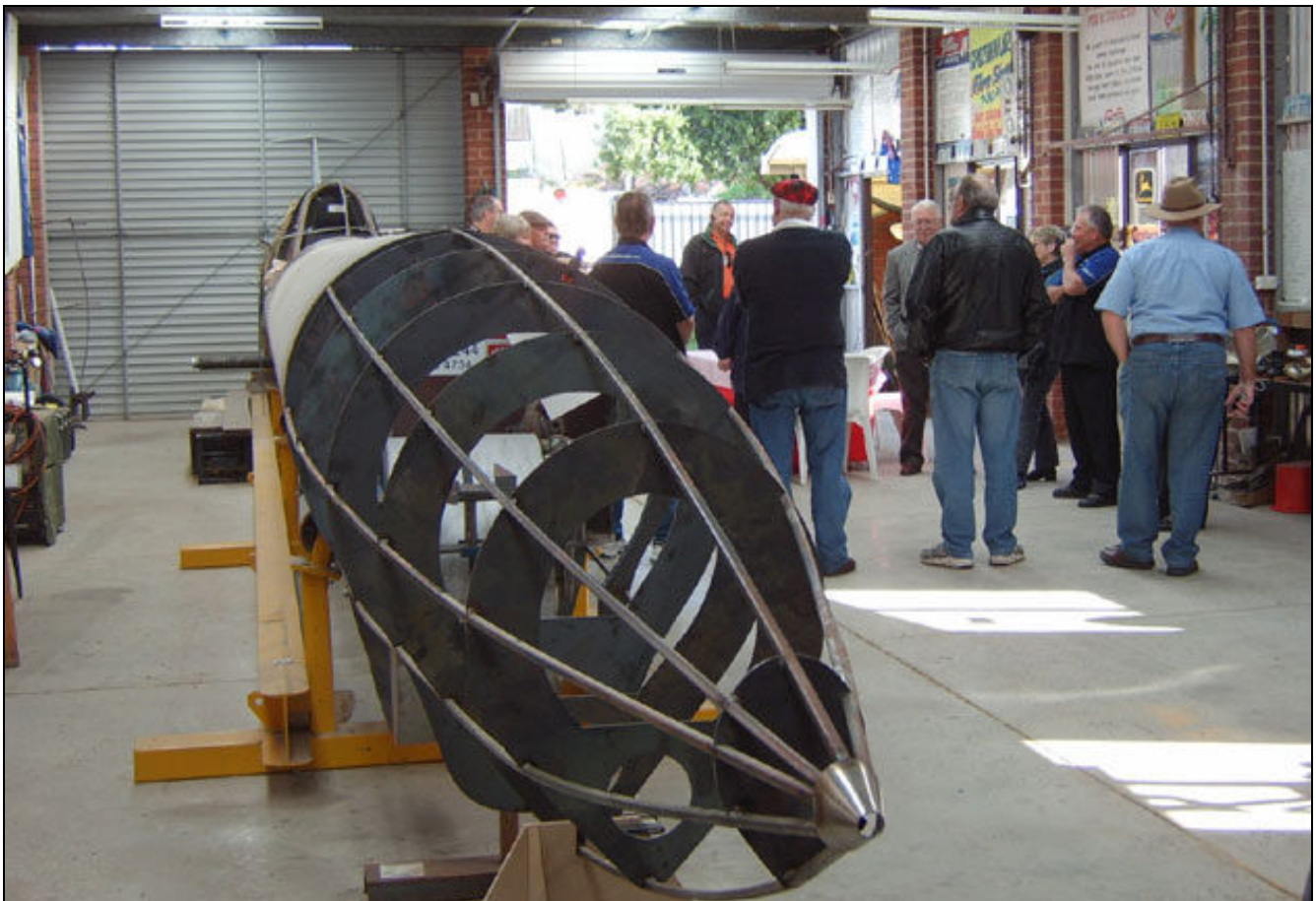


RE-ENGINEERING AUSTRALIA
FOUNDATION

Learn more about this great competition at - <http://www.f1inschools.org.au/>

Our team boss Pete Taylor also wears other hats, being the Secretary for The Council of Motoring Clubs and The Secretary for The Chevrolet Car Club of WA.

Last week Pete arranged a visit to our workshop for several members of the Australian Historic Motoring Federation. This was a great day and the response we received from this group was fantastic with lots of creative questions and some interesting responses.



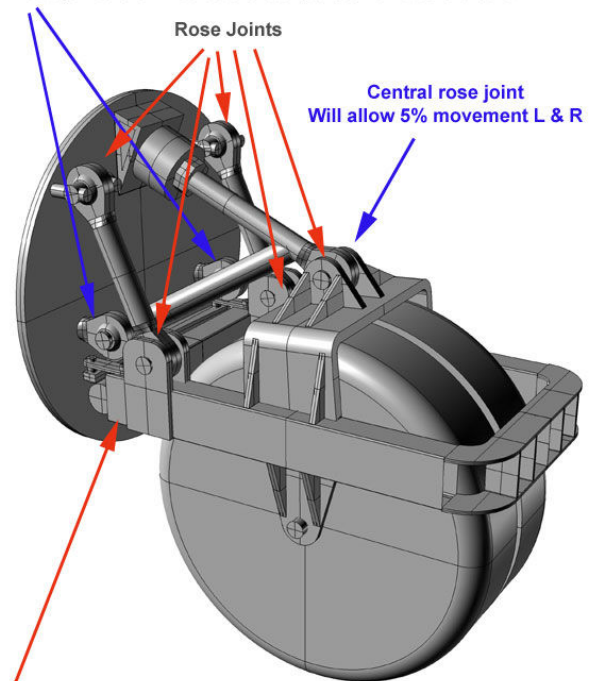
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Front Suspension and Wheels

We are still working on perfecting our front suspension and solid wheel design, with help from our legendary team member Mike Annear. This work has thrown up as many questions as answers. One issue that has compounded these problems has been the need to work without a forward bulkhead. This means that we have to hang everything from a rear bulkhead and mounting plate.

The proposed design has some really heavy duty engineering in it, as you would expect for a car weighing up to 9 tons and potentially travelling at 1000 mph. It has meant sourcing rose-joints rated at 60 tons from Liebherr Australia's Crane Division in Sydney, who kindly sponsored us with these. Now we have to burn the midnight oil and run all the calculations we can to see if it will work as intended.

These joints are fixed to the rear plate and not the cradle



Cradle swings in both directions as the back is free floating and pivots around the central rose joint.

Enlarged version - http://www.aussieinvader.com/attachments/Image/Latest_News/front_suspension_explained.jpg





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HYBRID CUSTOMS

AUTO BODY ENHANCEMENTS

<http://www.hybridcustoms.com.au>

I recently met with Robb Spence-Sipkes of Hybrid Customs here in Welshpool, Perth and asked if his company would construct our carbon fibre windshield? We also

discussed Robb offering us some advice on the construction of our cars 3.6 metre long nose, which will also be produced in composites, "no problem, when do we start?" was his response. This guy does some state of the art work in the motor racing industry and is a leader in the field of hi-tech exotic composite creations. We are really looking forward to working with Robb.

We have been working hard this month to raise the much needed funding to get our friends at Rocket Lab underway with the rocket motor design and development , I have made lots of telephone calls and have attended meetings with potential sponsors, hopefully our break will come soon.

I am visiting Asia next week with the idea of selling Australia's Fastest Car to a buyer over there to grace a corporate foyer, auto cafe or museum; we have exhausted all attempts to find a home for her here in Australia. I will let you know of any developments in our next newsletter.



One of the many talks I have conducted during the month.





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STOP PRESS - As I was writing this month's newsletter, Loco TV arrived at the workshop to film more of the pilot for the intended TV series about our project and LSR attempt.



A couple of shots from the filming with Loco TV and Zulu Media

COMING SOON – Do not miss our announcement on how YOU could have your name associated with the project and be part of our official supporters' team.

We would like to say a special thank you this month to the following people:

- Advanced Electrical Equipment.
- Rowe and Sons.
- Leon Eversfield at Aeromechanics in Wales for his great FEA work on our wheels.
- Robb at Hybrid Customs.
- Tim Hartung at BCJ Plastics for the research on our windshield forming.
- Eric Whitney at Aeronautical Engineers Australia for laminating assessments on our panels.
- Alan Gibbison from Aerospace Fabrications for structural advice on our cars framework.

Until next month, be your very best...

Rosco McGlashan

Rosco McGlashan OAM
Fastest Aussie on Earth

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