

**Subject: Gear Keg Fairing Details**

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G'Day canard mates !

My Central States Article "Wortmann gear leg Fairings" and the coordinates for plotting the Wortmann aerofoils (sized to suit Long EZ strut, top and bottom) are attached for all.

The fairing : Wortmann symmetrical airfoil section has negative 3 degrees AOI at the top and 0 degrees at the wheel pant intersection (i.e. 3 degrees twist) so that the leg fairing is at zero degrees AOA in cruise. The section is a pressure recovery type.

Many people are doing the mod, and I would be most happy to provide builder support. It is not a small job, but TOTALLY worth the effort in my opinion. This mod looks fantastic and will provide a significant decrease in drag. Not sure how much in total.


You can see pictures of a set under construction on <http://members.xoom.com/sputnik90/Longez/wortmann.html> www.ez.org has a picture of my aeroplane with them, unfinished, in micro. I will endeavour to update the photo just as soon as the underside of my aircraft is in primer (4-6 weeks).


That should do it. Feel free to contact me with any questions. Anyone wishing to post this info on a website is welcome to, just let me know the URL. Also, feel free to distribute this information to any builder who would like it. It will work on (LEZ, VEZ, Cozy, etc.)


My EZ... The O-360 with LSE ignition, Airflow Performance Injection, new crank, new clys etc. etc. is here, as is my SUPERB LSE Berkut prop (in fact superb is an understatement). Aircraft is 80% filled and finished using the Polyfiber system (also superb). Avionics, and Instruments are next. The aircraft has all the speed mods that have been developed by you guys/gals in the States. I started it at 15 years of age, I'm now 27. It will fly this year. This is part of the payback I intend to give you guys for a) treating me like an adult at 15 years of age, and b) for the amazing support I have had over the years !!!

Cheers from Down Under,

Wayne Blackler  
O-360 Long EZ  
Tiger Moth VH-ASF  
Aerospace Systems Engineer - Avionics and WSI  
BAE SYSTEMS (formerly British Aerospace)  
Melbourne Australia

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 <u>Wort.doc</u>	<b>Name:</b> Wort.doc <b>Type:</b> Winword File (application/msword) <b>Encoding:</b> x-uuencode
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