

## Dave Harding

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**From:** Tandy C. Walker [tandyw@flash.net]  
**Sent:** Monday, February 22, 2010 11:56 PM  
**To:** Undisclosed-Recipient: ;@smtp101.sbc.mail.mud.yahoo.com  
**Subject:** 69 Speed 400 Cloudster - Main Wheels

### *Speed 400 Cloudster Project*

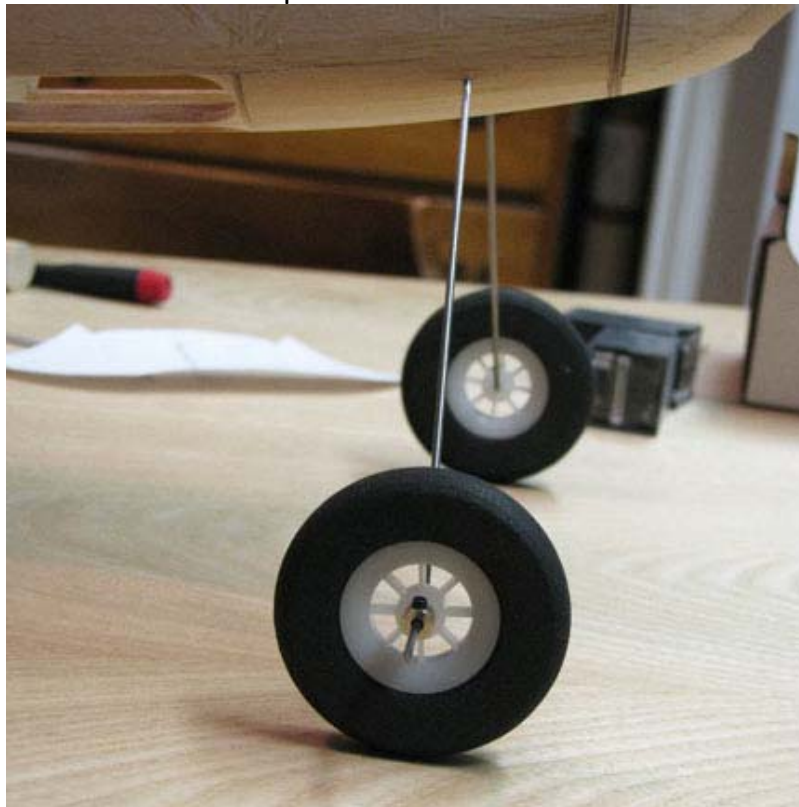
The main wheels for the Cloudster arrived in the mail today from Tower Hobbies. They are 2" diameter GWS Light Foam Wheels and cost \$2.50 a pair. The wheel has a light foam tire around a spoked plastic hub and is advertized to weigh 3.2 grams. The pair of wheels I received today weigh 7 grams as shown below.



The holes in the plastic hubs are .082", which is too large for the cloudster's 1/16" piano wire landing gear (.063"). So the hubs were drilled for a .063" ID aluminum tube to serve as an axle bearing as shown below. The bearing tube length was 1/4".



This picture shows a close up of the wheels mounted on the landing gear.



This shows the wheels in the presents of the fuselage and I think they look quite nice.



On the rubber powered J-3 Cub I made a tail wheel out of balsa with an aluminum tube axle bearing as shown below. I think that I will do the same thing for the Cloudster as I do not like the looks of the tail skid.....Tandy

