Rotary Racer 2007 into 2008









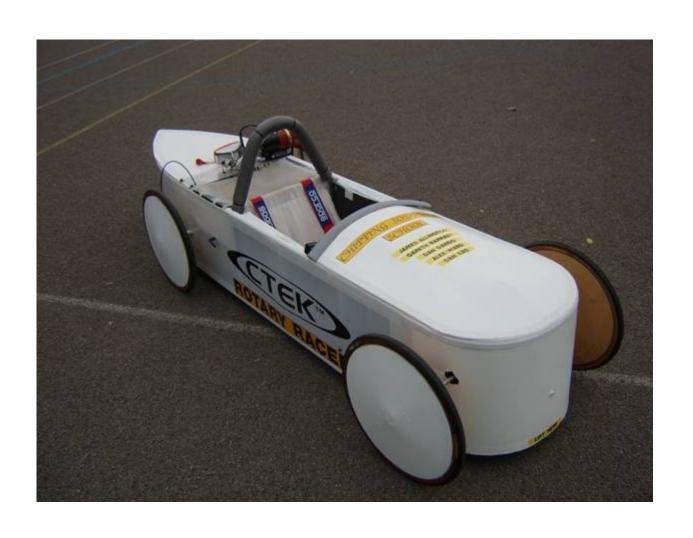


Dan Gareth

James Alex

Dan

2007 Rotary Racer



Airbus, Kit Car Capers

 The First outing in 2007 was at Airbus for some sprint races.





Airbus, Kit Car Capers

 Due to time constraints there were not many drivers left to receive the second place award.



Early start, not a bad morning



 Nervous faces going to the scrutineers



 We only raced twice in endurance events last year. The first race was at Castle Combe. A memorable day, a first race for some,



 The weather did turn little wet, but the repairs still got done!



- The pit stop
- How nice were the comments we received regarding the lads working well together!



 3rd Place overall & winners on the South Gloucestershire cup







The Goodwood Final 2007

- The Final was held at Goodwood Park in October.
- We won the Scalextric award for best pit stop



2007 Sponsorship

- We were very fortunate to be sponsored with materials by the following companies;-
- Durbin Metals
- BLD
- CTEK
- Boat Coat



Design & Build a New Car

 Cutting the board in strips

Applying the glue



Forming the body

 Cutting the basic shapes

 The basic body shape of the car (after sanding etc)





Detailing

 Adding the details such as wheels & roll bar



In the Wind Tunnel

 Mounting the models in the wind tunnel (upside down you may notice)

 Making sure the tunnel is clear of debris

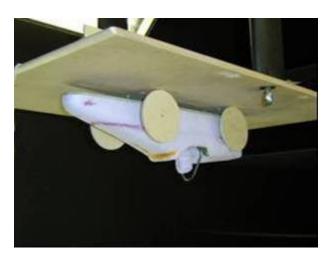




In the Wind Tunnel

The model we decided to try & reproduce

All the lads in the wind tunnel





2008

 In 2008 we had a new addition to the team

Ben



Jobs required for producing the new car

 Cutting & turning tubes to the correct length for assembly

 Design & make prototype circuit boards





Jobs required for producing the new car

 Manufacture various components for the car such as wheel spacers

Assemble the chassis





Jobs required for producing the new car

 Assemble & fit the steering

 Assemble & solder the electronics





5 weeks until the Season Opener & still lots to do!

 More advanced assembly

 'Sculpting' a nose cone



"A little overtime was required!"

Further assembly





Steering test

Crash test dummies..... No Test pilots!





"A little overtime was required!"

Fitting body work
(using 1.5mm
plywood & Boatcoat)



Shrinking Boatcoat



Electronics testing

 Motor & electronics testing

 'Dashboard' display panel





Almost there!

Ready for a quick test

 The last night at the school before the opening race





"Just *little more overtime* was required!"

The finished car!





Team Photo at Goodwood 2008



Race shots from Goodwood

 Coming successfully out of the chicane.

 Completing the 4 hour race with a distance of 98.4 miles



