

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.



Castle Combe

- Early start, not a bad morning



Castle Combe

- Nervous faces going to the scrutineers



Castle Combe

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



Castle Combe

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



Castle Combe

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



Castle Combe

- 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

