

The Chicken Bromsgrove School



Steve B

Introduction and Reliability and simplicity

Hamish

Being a team manager

Polly

Weight

Freya & Aggie

Sponsorship

Owen M

Aerodynamics

Will

Risk & Reward

Luke

Strategies,

Steve B

Closing advice



Steve - THE CHICKEN

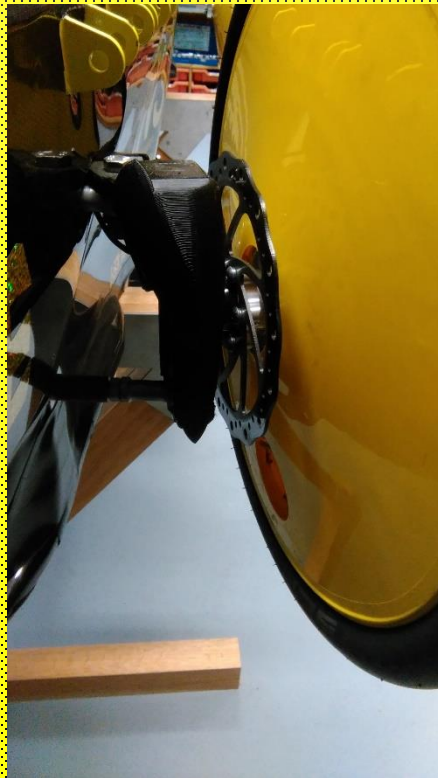
SECRET...

*Reliability

*Simplicity

*Weight

*Aerodynamics



TEAM MANAGER **HAMISH** ON LEADING THE TEAM

- Pit lane jobs
- Keeping track of the car during a race
- Keeping track of our closest opposition
- Advice on Race order and strategies
- Keeping the team together even after an accident!
- Wearing of the Chicken mascot...if tall enough!



POLLY – CAR WEIGHT AND DRIVERS

- **Weight saving is vital within the Kitcar category of F24. This is because the more weight the car contains, the less efficient the car is and the quicker the battery runs out.**
- **This is one of the most important factors that result in either success and failure within the race.**
- **So what can you do to improve the efficiency within your car?**

- 1. Looking for tiny drivers**
- 2. Driver race order**
- 3. Seating position**
- 4. The use of lighter materials**



FREYA AND AGGIE ON SPONSORSHIP



OLD SPONSORS:

- BAY PLASTICS LTD
- DIGITALSPEEDOS.CO.UK
- TRUMETER



PRESENT SPONSORS:

- GORILLA GLUE UK
- NS OPTIMUM
- BAL ALUMINIUM
- 4QD



OWEN- AERODYNAMICS

- Importance of Aerodynamics
- Lack of expertise and knowledge
- Overall shape and bodywork
- Limitations of Kitcar frame
- Entry and Exit
- Roll Bar and body Aero's
- Testing – virtual and real
- Driver position and discipline



WILL – RISK AND REWARD

Trumeter Amp draw monitor – Huge Industrial monitor, distraction?

4QD speed controller prototype 10xxx– may not have worked with our car

BAL Aluminium Heat sink - Heavy. Could fall and damage the drive train

Rear axle length reduction - May make the car twitchy

Removal of all wishbones and rear pods – Will the car feel less stable

Lightweight hand built one off wheels - Which we only have 4 of!



LUKE - STRATEGIES

- Driver Order
- Pit stops
- Hypermiling
- Team jobs
- Communication with each other
- Race Monitoring



Finally...

- Give advise freely
- Don't be afraid to speak to other teams

- Don't use the Kitcar series as a starting block for f24...lets get them into the top ten and worry those lightweight, hand built race teams!
- Always have fun, don't take yourselves too seriously and experiment with every aspect.

Thank you for listening, **Team Chicken.**



Poultry in Motion