

6/15/16 Minutes

1. Team members assigned: a. Alex Martonick, Freddy Mark, Alex Fraser, Alex Wright
 2. Discussion with Dr. Odom
 - a. Meeting times on Tuesday at 11:30 for approx. 45 min
 - b. "You become the story you tell yourself"
 - c. Find aftermarket parts available for CRF-150r
 - d. Are there alternative engines to the CRF-150r
 - e. We need to order an engine ASAP and start working, there is a lot to do.
 3. Team name is "doublextotic"
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6/16/16 Minutes

Dr. Odom was asked the following questions with responses:

Why water over air cooled? Water is more efficient
What happens to the gear box attached to the motorcycle engine?
We will reconstruct the gearbox and upgrade where necessary.

Dr. Odom made suggestions: a. Read the asme engine rule book for Formula Hybrid SAE b. Money needs to be spent to go fast

Alex Wright will oversee ordering the engine from ebay with Dr. Odom

Alex Wright will maintain contact with Dr. Odom on the project.

6/21/16 Minutes

Dr. Odom shows us the current FHSAE car and discusses how the competition works.

Questions asked and answered:

Are we putting the original motor back together? Answer: not necessarily

Solidworks or catia? Answer: Solidworks

6/28/16 Minutes – Odom gone email sent

"Dr. Odom,

We received the engine yesterday and drained the excess oil and gear lubricant. Alex (the mentor) continued to teach us about the CMM, however we are not going to disassemble the engine without the service manual to ensure that we don't damage the engine or create any unnecessary wear on the engine. We are getting the schedule organized for the following weeks. "

7/5/16 Minutes

Odom stated not to concern ourselves too much with brainstorming ideas, but to get the solid modeling done asap. We should also document our solid models well with a portfolio.

7/12/16 Meeting

Odom signs reimbursement form for repair manual

Goal: Draw as much of engine as possible, include the details that make the design pop/look amazing

Discussed how castings are made

7/19/16 Meeting

Make parts look good and work in assemblies, do not stress too much about perfect dimensions

Look for aftermarket upgrades, such as a starter and starter ring gear from a 150cc honda scooter

IC course matlab model would be good for final report

Drawing the shift tumbler is important

7/26/16

Laser scanner is in process of being ready. Software needed.

Keep on working on solid modeling.

Look for additional parts to modify engine for starter

Discussed resizing crank or sleeving the cylinder to obtain desired displacement.

8/2/2016

Design review meeting. Odom says we look engaged in the project. Laser scanner should be available next week.