

MEETING MINUTES

Topic: Design Decision

Thursday, February 1, 2018

9:40 am – 10:20 am

Minutes recorded by Jacob Barker

Attendees: Jacob Barker, Samm Metcalfe, Ashley Shumaker

Table 1. Record of meeting.

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| 9:40 am to 10:15 am | Discussion of Project Possibilities <ul style="list-style-type: none">• Turboprop<ul style="list-style-type: none">○ Client concerned about safety<ul style="list-style-type: none">▪ Remove propeller▪ Put in box?▪ Run at low speeds for demonstration• Otto Cycle<ul style="list-style-type: none">○ Maybe make two models<ul style="list-style-type: none">▪ One two-stroke, one four-stroke▪ Use LEDs acting as spark plugs, demonstrate when cylinders fire▪ Show cams opening/closing valves, piston moving crankshaft, etc.▪ Every moving part, operating slowly, attached to motor or hand crank• Build Dynamometer to measure shaft torque? | EGR 120 |
| 10:15 am to end | Final Decision <ul style="list-style-type: none">• Turboprop | EGR 120 |