

MEETING MINUTES

Topic:

**Wednesday, January 25th, 2017
10:50 AM - 12:00 PM**

Minutes recorded by: Garrett Murphy

Meeting called by: Capstone Team

Attendees: Tyler G, Cameron S., Bianka C., Garrett M. , Dustin Y.

Project and Group Number: Honeywell Ruby Ball and Sapphire Seat / Team 30.

Please bring: Laptops or electronic access to internet.

Advisor/Section Time: David Trevas / Wednesday 5:30 – 8:00 pm

Table 1. Record of meeting.

10:50-11 AM	Question Preparation for Honeywell Meeting <ul style="list-style-type: none">• The team gathered questions specific to project requirements to ask Honeywell• The team came up with three important questions:<ol style="list-style-type: none">1. How can we attach the Solenoid arm to Poppet2. How much should the control volume be pressurized3. What to tell US Synthetic about manufacturing numbers• Team was organized with information and was going to share what had been accomplished so far:<ol style="list-style-type: none">1. PWM Arduino program powers working solenoid2. preliminary schematics for poppet and seat design3. testing procedure idea and timing	Room 108
11:00-11:45 AM	Skype Meeting With Haley and Mark from Honeywell <ul style="list-style-type: none">• Skype meeting went smoothly and efficiently• Marc screen shared some important information relating the angle of the chamfer on the poppet (too big)• Marc said that current solenoid valves go for 100\$• Suggested gluing poppet arm to solenoid arm• Said control volume should have around 10 PSI	Room 102

	<ul style="list-style-type: none"> • Asked us to tell US Synthetic for a quote of 1000 poppets and matching seats 	
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Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
Look for Solenoid for Project	Garrett M.	2/1/17	~~~
Start Housing Design	Cam S.	2/1/17	~~~
Set up meeting with US Synthetic	Team	2/1/17	~~~

Next formal meeting: 1/27/17, Room 102 Engineering Building, at 12 PM.