

MEETING MINUTES

Topic: Staff Meeting

Date: Tuesday, March 29, 2019

Time: 4:00pm - 4:30pm

Location: Web Meeting

Minutes recorded by Nestor Rodriguez

Meeting called by Haley Flenner

Attendees: All group members

Table 1. Record of meeting.

<p>4:00 pm to 4:30pm</p>	<p>Item 1</p> <ul style="list-style-type: none"> ● Discuss FEA analysis done <ul style="list-style-type: none"> ○ Thrust frame exhibits worst case scenario as force will be applied at a lower point in reality ○ Shaft is worst case scenario as it is constrained at one end rather than in the end <ul style="list-style-type: none"> ■ Max displacement is 0.001in ● Discuss plans for completion <ul style="list-style-type: none"> ○ Should have everything ordered by this week ○ Should be built (though not programmed) by the end of the month ● Discuss pressure sensor <ul style="list-style-type: none"> ○ Will need an adaptor ● Discuss feasibility of doing FEA for the whole SOLIDWORKS <ul style="list-style-type: none"> ○ Dr. Tester states this is not feasible without creating a uniform part in SOLIDWORKS <ul style="list-style-type: none"> ■ This will not yield accurate results ○ A.J. and Jeff attempted to put the system into ANSYS but to no avail ● UGRADS discussion <ul style="list-style-type: none"> ○ Takes place on April 27th ○ Remember not all judges are engineers, speak English not Engineering 	<p>Web Meeting</p>
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Table 2. Tasks Assigned.

Task	Person Assigned	Due Date	Date Complete
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Make additional work orders	Nestor	3/14/2019	3/13/2019
Go down to Phx for more steel	Blake	3/14/2019	3/13/2019
Select final pressure transducer	Jeff	3/14/2019	3/13/2019
Order pressure gauges and Rotation thingy, and measure the plug lock	A.J.	3/14/2019	3/13/2019
FEA for remaining parts/ Work orders	Barek	3/14/2019	3/13/2019
Make additional work orders	Nestor	3/14/2019	3/13/2019

**Next formal meeting: 3/28/19, Staff Meeting, at 5:15pm.
Next member responsible for meeting minutes: Nestor**