

MEETING AGENDA

Topic: ME 486 SAE Micro Plane

Wednesday, September 11, 2019

~1:00-3:00pm

Attendees: (All Team Members)

Please bring: Last week's individual action items

<p>1:00</p>	<p>Meeting with Dr. Trevas</p> <ul style="list-style-type: none"> ● Discussed last week's action items <ul style="list-style-type: none"> ○ Scrapped the idea of foam cutting wings ○ Discussed website check ○ Received the charging station for batteries ○ Calculation of force on wings ○ Snap connectors ● Decided upon this week's action items <ul style="list-style-type: none"> ○ Foam fill wings (mold, casting) ○ Continue snap connectors and wing forces ○ RTT on wings? Simpler way is likely ○ Landing gear setup, modeling ○ Get flying with Flagstaff Flyers 	<p>Room 104 SBS West</p>
<p>1:30</p>	<p>Meeting with Dr. Tester</p> <ul style="list-style-type: none"> ● Discussed how to move forward <ul style="list-style-type: none"> ○ Pick action on which design to choose and make it happen ● Changed intentions <ul style="list-style-type: none"> ○ Potentially forget the foam mold casting ● Time limit rapidly approaching <ul style="list-style-type: none"> ○ Get something flying very soon 	<p>Dr. Tester's office EGR Building</p>
<p>Remaining minutes</p>	<p>Visualize Construction of Fuselage/Landing Gear</p> <ul style="list-style-type: none"> ● One sleeve vs direct attachment for the wings to the booms <ul style="list-style-type: none"> ○ Means different sections of the booms, and cube attachment option ● Landing gear <ul style="list-style-type: none"> ○ Front end will attach via a collar to booms ○ Rear gear attached either to booms with center support, servos attached to turn wheel ○ OR attached directly to one rudder via tab ○ Will include a shock absorber in either rear design (likely also on front gear) ● Meeting in 98C scheduled for Friday 9/13 @ 3:30pm <ul style="list-style-type: none"> ○ Finalize plans for designs ○ Full design walkthrough 	<p>EGR 2nd floor lounge</p>