

Sae Micro Aero Client Meeting 4 11/27/18

Meeting time: 3:30

Meeting Location: Engineering Building Room 323

CONCEPT DISCUSSION AND MANUFACTURING

1. Monokote
 - a. Heat gun helpful for initial adhering but small iron is good for perfect sealing
2. Landing
 - a. Need to get the tail down to steer plane
 - i. Should be almost stopped by the time the tail touches the ground
3. Payload attachment needs to be considered
 - a. Need to integrate payload with flight dynamics
 - b. Has to fly empty
 - c. Starting from now forward
 - i. Have to consider payload attachment
 - d. Payload attachments will affect aileron performance
 - e. 3D print air tunnel supports and insert real payload
 - f. Performance score review of weight vs payload
 - g. PVC pipe on budget
4. Misc
 - a. Talk to other teams and go to ASNAU
 - i. Apply for funds for travel
 - ii. Limit is \$2600 for a club
 - iii. Individual limits are \$2000
 - iv. Can request meals and gas

ACTION ITEMS

1. Check on Van
2. Figure out Airfoil Attachments
3. Might consider other material for balsa tail
 - a. Aluminum foil metal coating