

9-11-18 Meeting minutes

Start 6:02

Number one website is now available to work ok Mike can start

What do we want to do Discussion followed

Plane not lighter than aircraft

10ft wing span we expect to 128 watts of power generation

SAE had a KW motor and their design did not work – DT

Mike – want to run dual batteries

DT – look at using direct power from panels to motor

Have we thought of a delta wing

Mike says that's hard

DT says if plane is small we can use 98C but may need to build elsewhere possibly on north campus talk to perry

BUt we can work in Mikes garage no problems

DT – Look at inflatable airfoil he was pretty excited about

Charing controller on dual batteries setup make sure it can change over properly

**Set up in flagstaff flyers meeting**

**Charge Controller Ethan**

**Real flight simulator – model the plane test it out – real flight Johnathan**

**Remote Control Mike**

**Solar Panel Nathan**

**Materials Brandon**

Construction

Try to build ourselves if possible

Get the kinematics and what not down

Where to order parts from be careful with china could be long shipping time

Place panels in wing coat over with clear coating use carbon tubes and get data acquisition to get input power.

Landing may be done by throwing at full throttle and catch to land

Flag fliers can help a lot with design

Do we need ailerons? Still thinking

Talking about using one motor big prop

Talked a lot about flag fliers they are old guys

Mike wants coworker to fly Johnathan and Ethan want team to fly

Prius talk

Glide the airplane

Get up and fly into a thermal mimic how bird do it the green fund would love that

Blue form for purchasing orders are found at the front desk get it done lets get some solar panels

Get a arits rendering for the email for free stuff

Get in touch with the flyiers formally