mapping w/ drones + open source in a humanitarian context

Dan Joseph
@danbjoseph



calimapnerd 11:47 PM

uploaded this image: Slack for Android Upload •



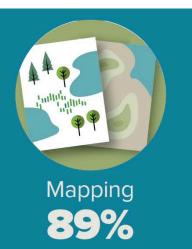


giblet 11:48 PM jokes on them, ours is fixed wing

International Federation of Red Cross and Red Crescent Societies















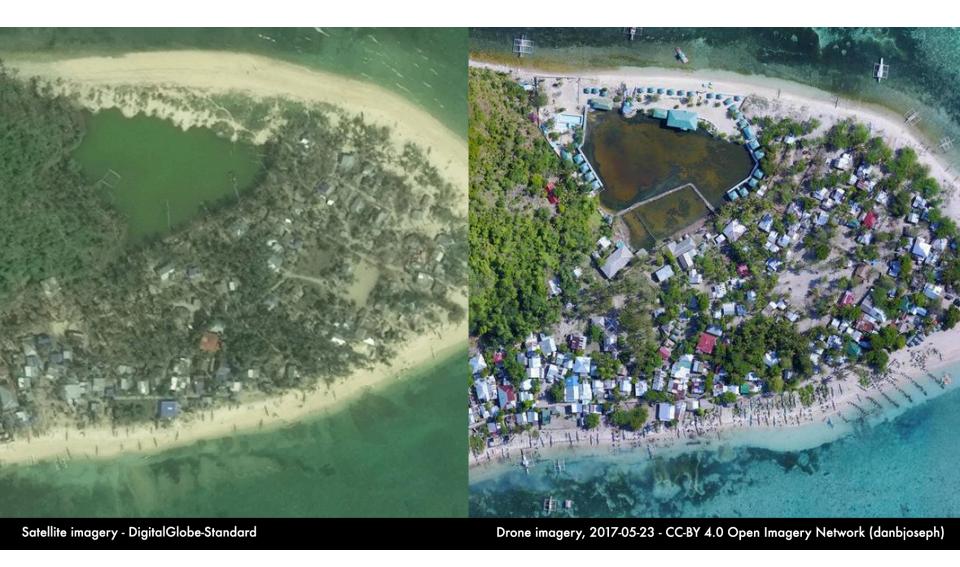


Are HUMANITARIANS interested in drones?





Let's MAP with drones!

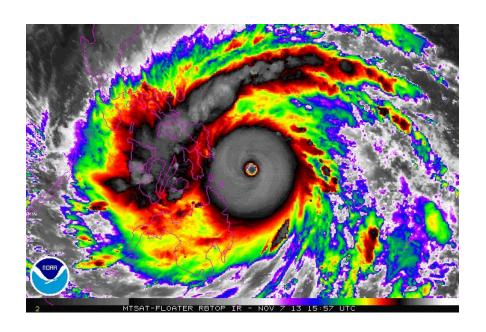


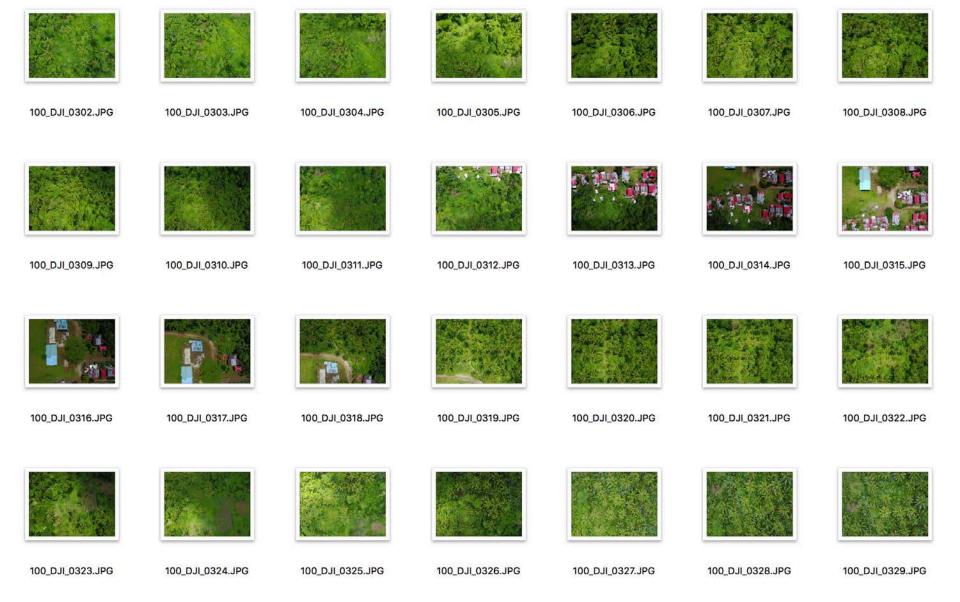
Why drone IMAGERY?



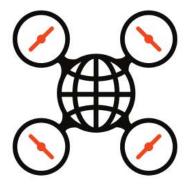


Tindog Tabang Leyteño Stand Up, Help Leyteños





take A LOT of pictures

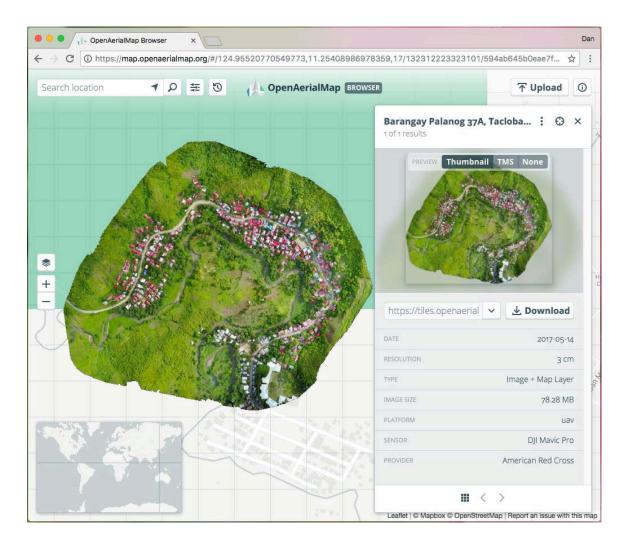


OpenDroneMap

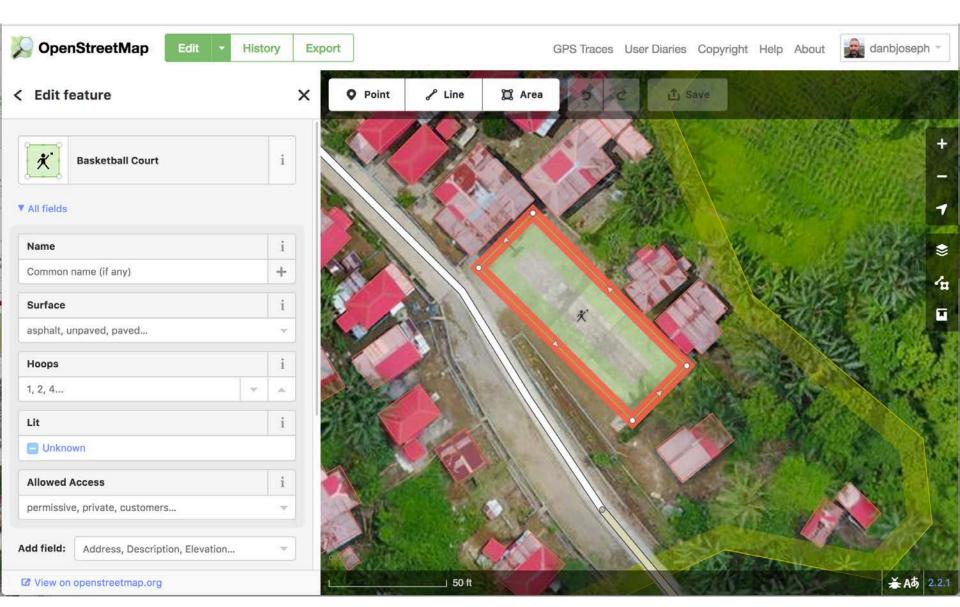


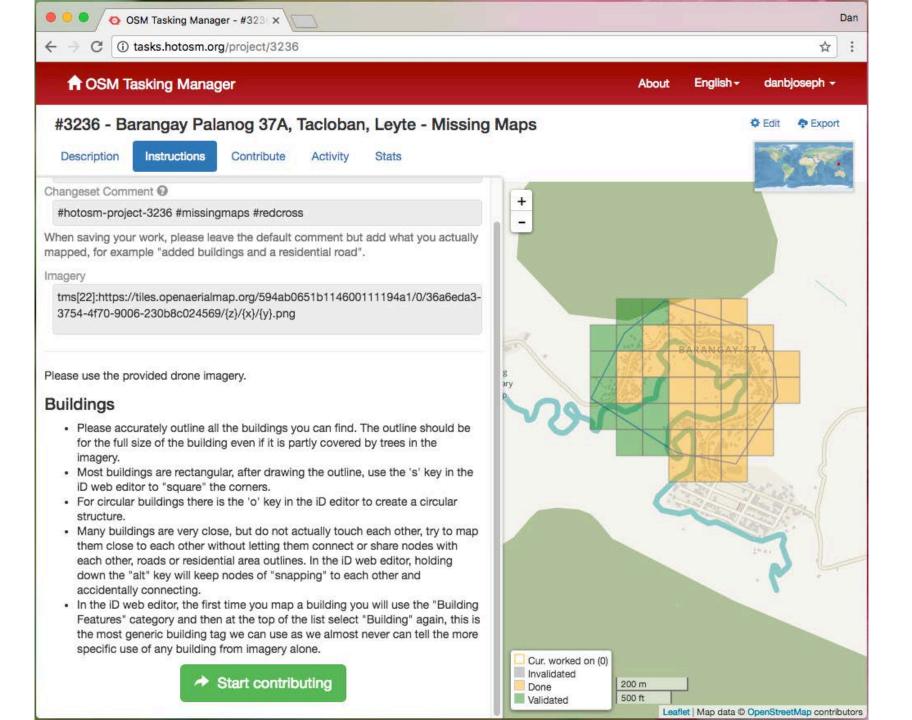


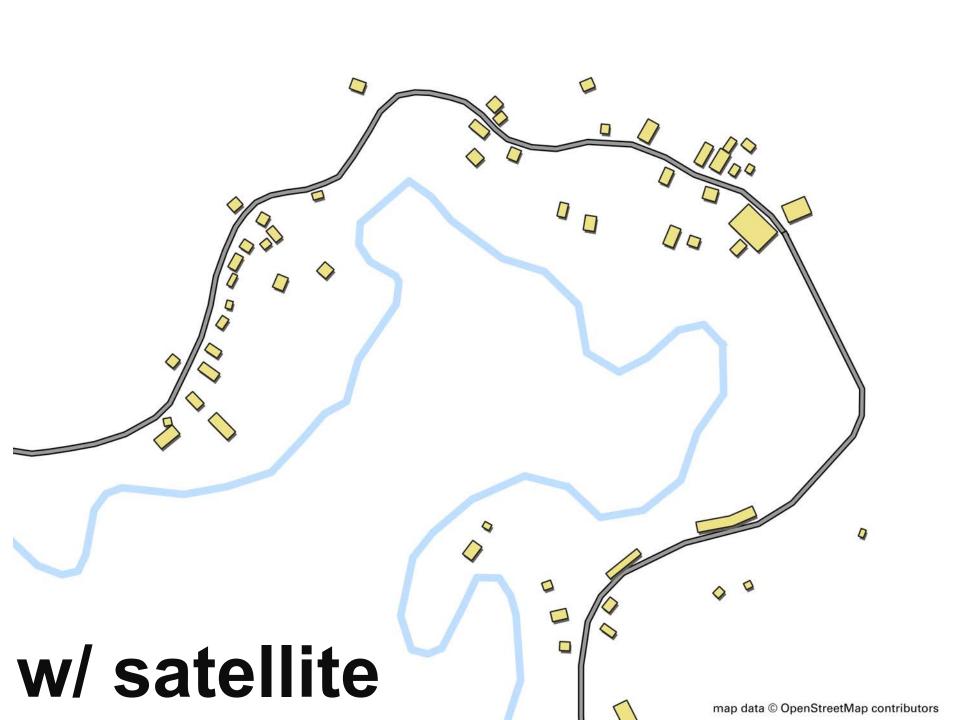
OpenAerialMap

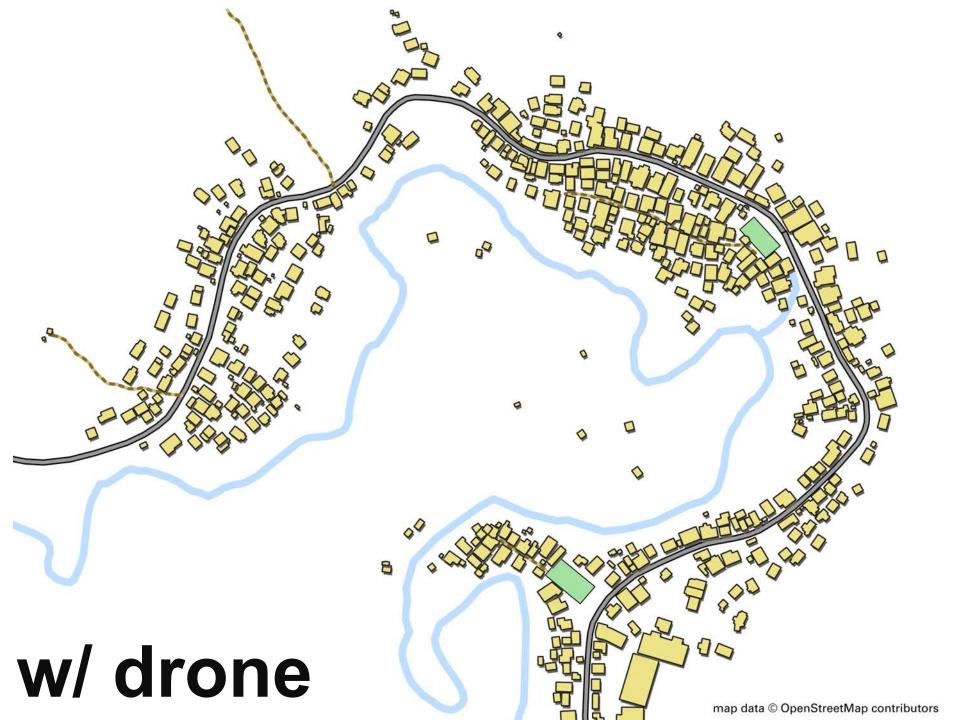


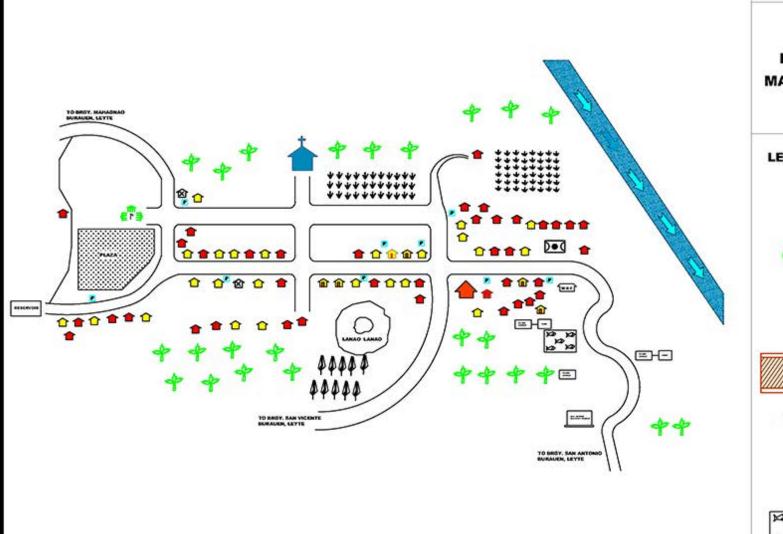
OpenStreetMap, yeah!











BRGY. LANAWAN MAC ARTHUR, LEYTE



<u></u>

HOUSEHOLD WITH C.R.

HOUSEHOLD WITHOUT C.R.



SCHOOL





BASKETBALL COURT





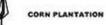
BRIDGE



COCONUT PLANTATION AREA



PINEAPPLE PLANTATION





FISH POND

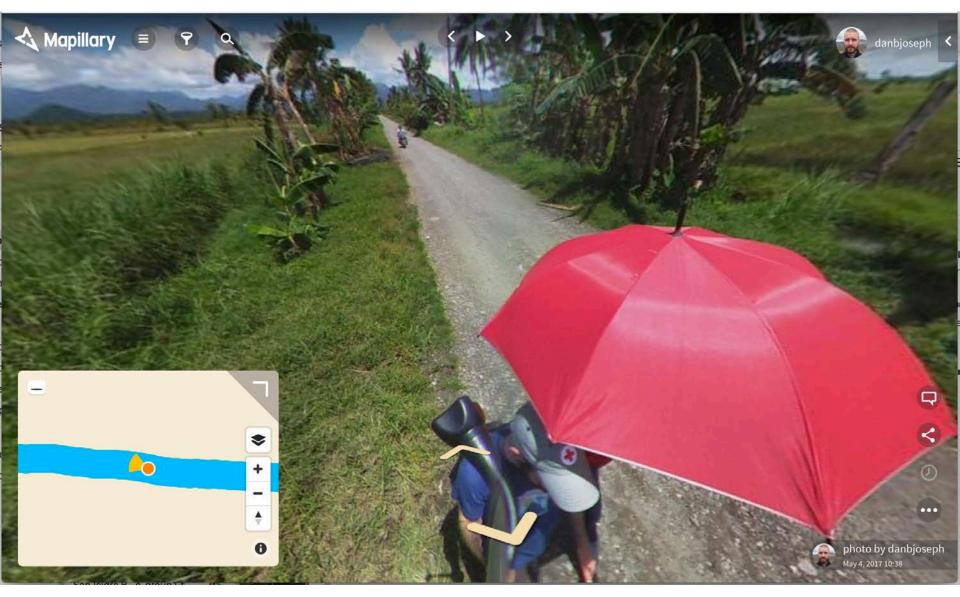


IBAWON RIVER





Mapillary, yeah!



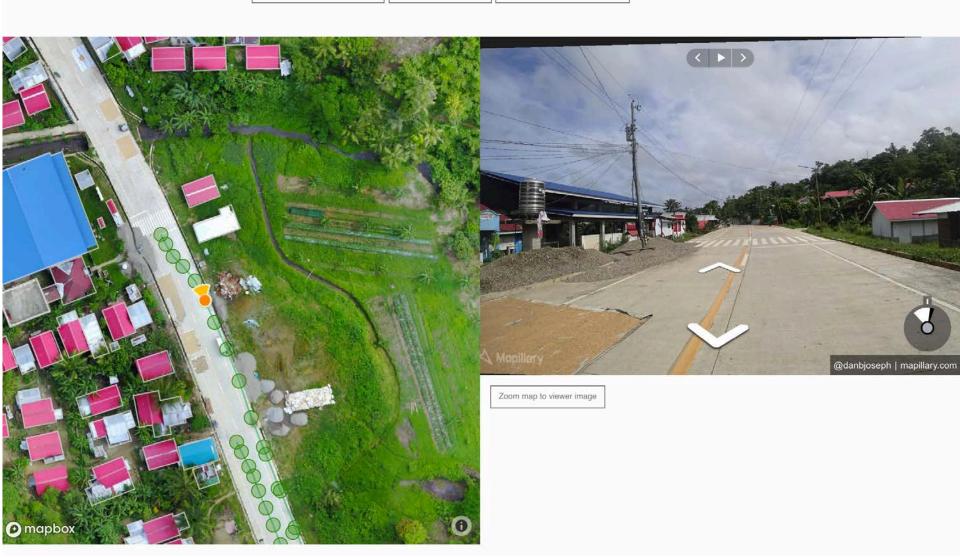
americanredcross.github.io/ttl-imagery

San Paglaum 103A, Tacloban 🔻







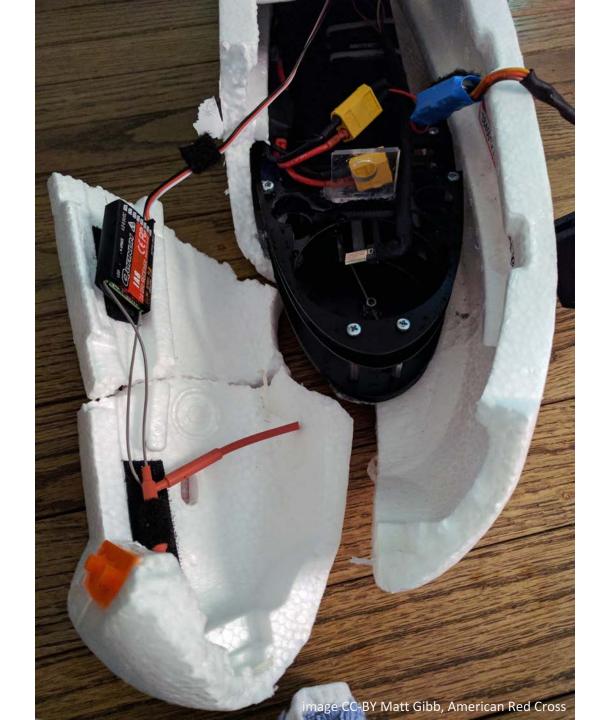




DIY drones?









smathermather 10:32 AM

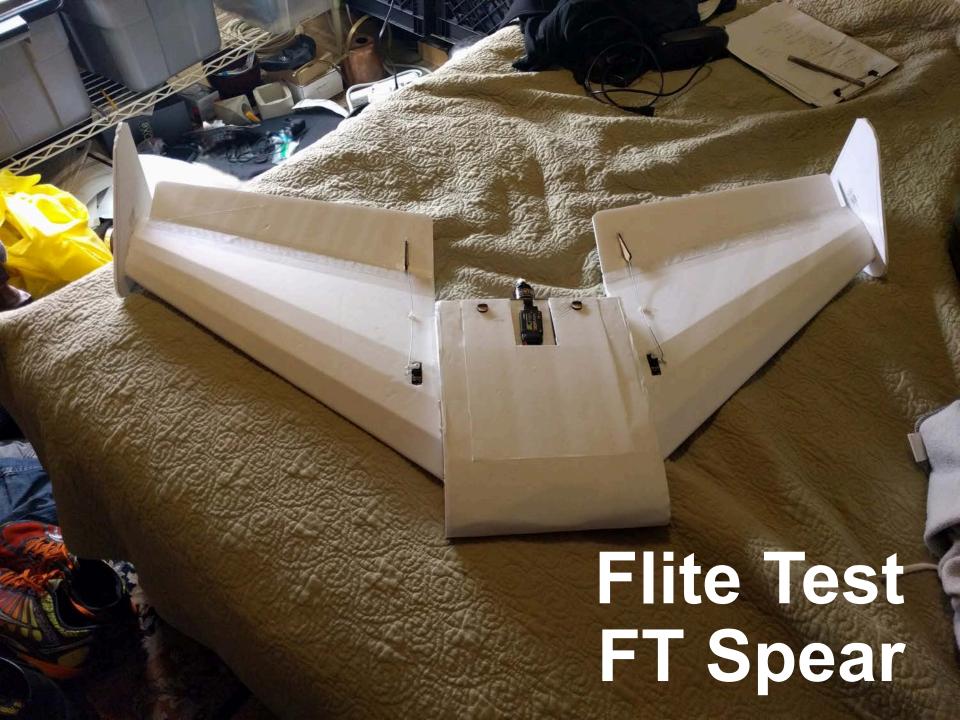
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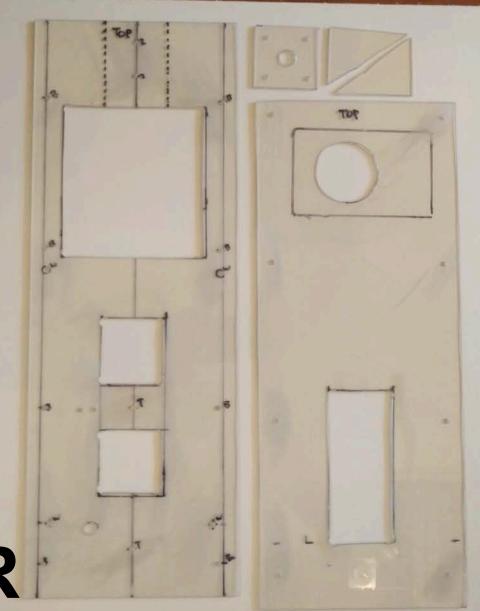




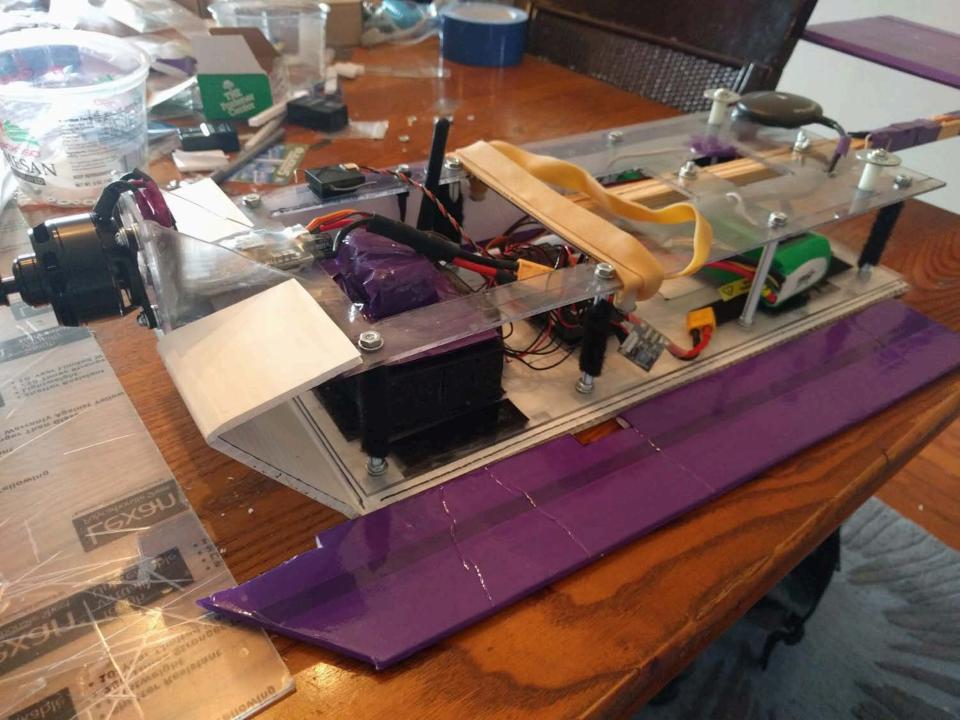


automated flight, yeah!





trial + ERROR













ANSLEY PEACE DRONE - Introduction Video

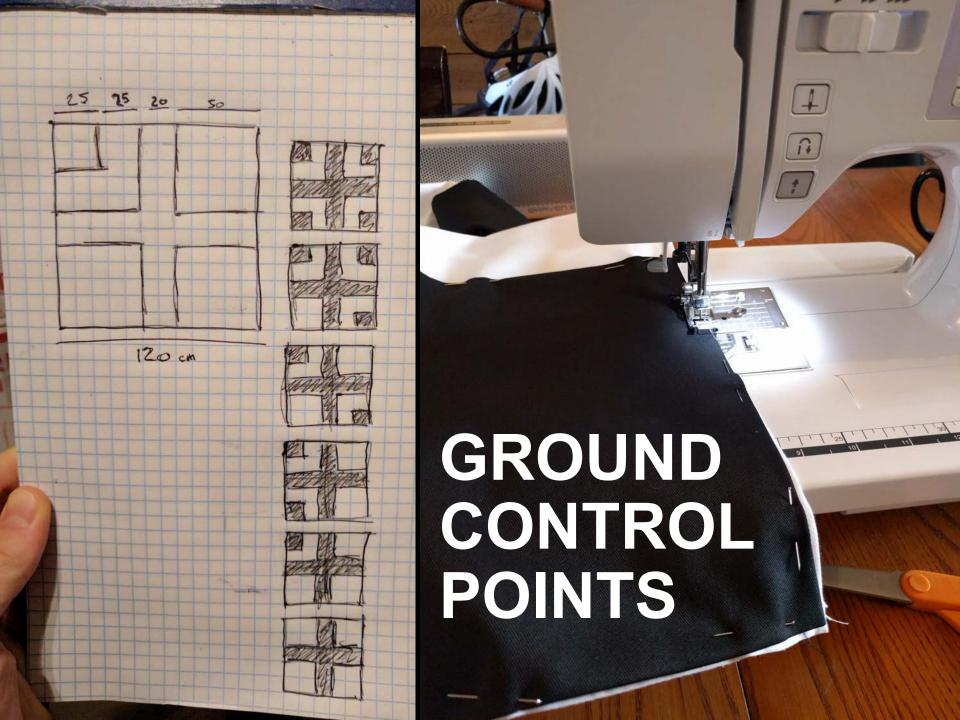






what's next?









Questions?

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