



BUILD A DRONE ZAMBIA



REVERSE ENGINEERING

PROGRAMMING

3D PRINTING

ASSEMBLY

FIXED WING - QUAD COPTER - PESTICIDE / HERBICIDE SPRAYING - DRONES



THE PROBLEM

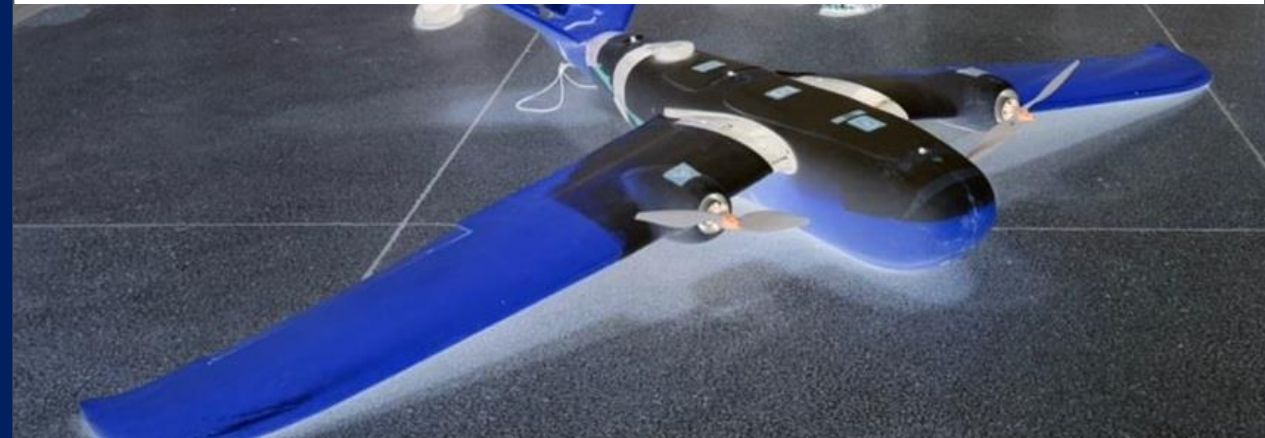


- There is a huge potential for cargo delivery, especially medical cargo delivery (such as medicines, condoms & other portable health aid) in remote areas
 - The problem is the high cost solutions on the market and the lack of flexibility in repurposing in cargo some of these drones can carry.....
- Some of these drones can range from USD 1000 (especially quad copters) to as much as USD 35 000 (fixed wing) just because of the marketed brand....

OUR SOLUTION

'BUILD A DRONE ZAMBIA'

Low cost fixed wing and quad copter solutions using reverse engineering, programming, 3D printing, and assembly initiatives...



Our Solution



Phase 1: Pilot fixed wing cargo delivery drone

Designed & built using reverse engineering, programming & assembly with a working budget of USD 2500-3000 against market equivalent of drones worth over as much as USD 10 000 & more

Done, & flight tested (without payload/cargo only pending is completion of design of cargo carriage & test with payload)

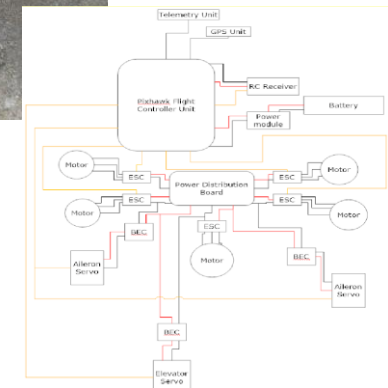


'BUILD A DRONE ZAMBIA'



USD 2500-3000

Target is to reduce cost to as low as USD 500 to 1000 by having own assembly line plant and equipment with key been 3D printer & CNC machine



Our Solution



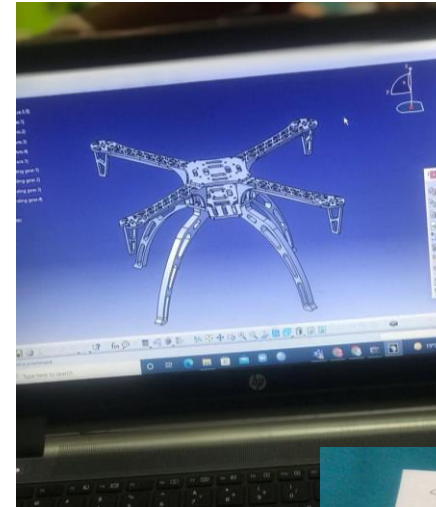
Phase 2: Pilot quadcopter cargo delivery drone, for cargo payload 500 g-1 kg

Designed incorporating reverse engineering, programming, 3 D printing & assembly

Designs done & have a working budget of USD 600 for a drone that would normally cost over USD 1000, with the benefit of flexibility to carry pay load

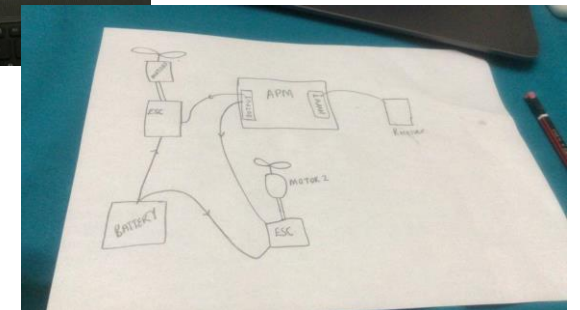


'BUILD A DRONE ZAMBIA'



USD 600

Target is to reduce cost to as low as USD 450 to 500 by having own assembly line plant and equipment with key been 3D printer & CNC machine





Potential Market



Governmental and non-governmental agencies-medical cargo delivery and pesticide/herbicide spraying drone



Private/ farmers-pesticide/herbicide spraying drone

REVENUE MODEL END GAME



Medical cargo service delivery contracts with governmental and non-governmental agencies

Pesticide/herbicide spraying private and public contracts

THE ASK!

Support in networking opportunities

USD 7 600

-3D printer USD 4500

-Phase 1: Final development for the market USD 1000

-Phase 2: develop, build and test quadcopter delivery drone USD 600

-Phase 3: develop, build and test for the market quadcopter spraying drone USD 1500

Projected Budget of
USD 12 000



2 to 5 year plan

Assembly lines of 2 to 3 drones....

With at least a (a) fixed wing medical cargo delivery drone; (b) quad copter cargo delivery drone; and (c) quad copter pesticide/herbicide spraying drone