Importance of Fabrication To a Mosquito Control Program.

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When I start my fabrication I ask myself the 4 W’S

1. W = WHY
2. W = WHAT
3. W = WHEN
4. W = WHERE
WHY?

Why are we building this instead of buying it?
WHAT?

What do we need this for??????

To be more effective in our job.
When do we need this done?

WE NEEDED THIS YESTERDAY!!!!!!!!!
WHERE?

In what kind of area will it be deployed in.
Here are some products I have made for our program at Chatham County Mosquito Control......
Sentinel Chickens:

Sentinel Chicken Restraining Device

Mobile cages for Sentinel Chickens.
Sentinel Chickens Buckets:
Sentinel Chicken Hanger:
Gravid Traps..

Average cost to buy is 450 dollars.

Average cost to make is 100 dollars.
Impinger trap and cover:
Collection Bottle Rotator Stand:

Completed Unit:

Dry Ice Attachment:
Collection Bottle Rotator Stand:

Light Trap Attachment:  Stand Shaft and Base:

[Images of the bottle rotator stand and its components]
BG Sentinel Trap Covers:
Rearing Cages

The Cost to buy a new cage is around $90

The Cost to make 4 cages parts and labor $180
ULV Spray Truck Converted from a Single to a Dual Nozzle.
Calibration tiles for water sensitive card:
Division of cost during a normal build.
I estimate from 2010 to 2015 I have saved the county roughly around 12,500 dollars over this time period.

Without Fabrication....  With Fabrication.....
The End