

6/23/16

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# Today's Progress...

- Made chamber with smaller vents
- Loaded flies, successfully! All 8 lanes had flies, just one casualty
- Ran fluid (food dye + water) through chamber to check flow pattern, flow through flow holes as expected but a little leaky - tighter seal on chamber
- To fix leakiness, move screw holes in and maybe add more?
- ITO is 200x250mm and my design is 250x250 - reduce design size so that ITO is layer
- Yellow plastic needs to be cut on lower power setting and higher speed
- Today's laser settings: (3/16" acrylic: 20,100,100; 1/8" acrylic: 16, 100, 100, white delrin: 12,80,100; yellow delrin: 60,50,100). White and yellow need lower power setting

# To work on tomorrow...

- Redesign and recut chamber with shorter width
- Try to cut ITO and get circuit going
- Camera acquisition