

Unified Aerial Competition and 16.00 LTA project – General Gelb Lab rules and guidelines April 2006, rev 1

Here are some general rules and guidelines about working in the Gelb Lab on the Aerial Competition and LTA events. We can't cover every contingency or issue so if there are any questions that arise, please ask for assistance or help from Dick Perdichizzi, Pete Young, Dave Robertson, or the TAs.

Workspaces:

- Unified: please work two teams to a table. Make up a label to mark which table your team is using..
- Do not mix epoxy on the bare workbench – do this on scrap paper, cardboard, or some other disposable surface.
- Please try to keep your workspace tidy; use the trash cans.
- Respect the work of other teams and don't tamper with their work or radio equipment

Supplies and equipment:

- In the tall lockers against the back wall, you will find adhesives (superglue, 2 part epoxies, wood glue), sanding equipment, and other equipment
- Superglue – “a little goes a long way” so use as little as possible. “More” is NOT better in the case of applying superglues.
- Please share supplies and equipment with other teams; we cannot provide individual supply kits for each team.
- In a pinch, most construction supplies can be purchased at Economy Hardware or Pearl Art, both located in Central Square. If you buy anything there, save the receipts for reimbursements.

CNC foam cutter:

- The CNC foam cutter can be cantankerous, generating error messages. It's best to work under the supervision of a trained operator.
- Be careful working around the hot cutting wire – it can burn skin badly
- Please keep the foam cutting room clean and discard all refuse – which can otherwise pile up rapidly

Safety precautions:

- Be careful with sharp razor blades. If a severe cut occurs, call x100 for medical assistance.
- DO NOT leave razor blades on the floor or dispose of them in the trash – Physical Plant folks have warned us about this repeatedly. Use the red ‘safety containers’ to get rid of unneeded razor blades.
- Use the superglue sparingly and avoid accidentally gluing your fingers together. If this happens, gently “roll” your fingers until the glue bond separates; don't try to strenuously separate your fingers.
- Be careful not to get superglue into your eyes!
- Be sure to **remove the propeller** from the motor when doing setups or installations of the radio equipment.