

Lab 9 – Airplane Construction

Unified Engineering

13 Apr 06

Learning Objectives

- Hands-on construction of electric RC airplane for UE Flight Competition.
- Progress reporting.

Procedure

- Correct any calculation errors which occurred in the wing and overall configuration design in Lab 8.
- Finalize your wing and airplane design. This may differ somewhat from what you submitted for Lab 8, even if that was correct.
- Update your 3-view and parameter table if necessary.
- Start building!

Reporting

- Each team will turn in one report.
- Contents:
 - Title, team number, team member names, date.
 - Briefly explain any fixes and/or design changes made since Lab 8.
 - Latest 3-view of your airplane.
 - Latest parameter table of your airplane.
 - Brief building progress report. Itemized list of tasks completed is sufficient. Minimum expected progress is “1/3’rd done”.