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”.