**DATE:** *YYYY-MM-DD (date of submittal)*

**REVISION:** - *(Use Revision -, A, B, C, etc. Make sure to update date of submittal above for each revision)*

**TO:** Greg Marien, AE460 Instructor

**FROM:**

*TEAM NAME*

*AUTHOR NAME*

*PROJECT MANAGER (initial next to name to acknowledge review)*

**SUBJECT:** Aircraft Layout and Mass Properties for (fill in blank with project)

# OBJECTIVE

Completing an initial layout of the aircraft, performing a detailed weight estimate and mass balance, is **crucial to your team’s success**. TM-7 documents the aircraft layout, along with the Detailed Weight Estimate and Mass Balance.

**Aircraft Layout**: See RCR 3.3.1 *General Arrangement 3-View Drawing* and 3.3.2 *Drawing Table* for requirements. Only attach the drawing(s) to this memo.

**Mass Properties**: See RCR 4.1 *Detailed Weight Estimate*, 4.2 *Weights and CG*, 4.3 *Longitudinal CG Travel*.

# Mass Properties

This section will contain the mass properties as specified in the RCR.