

# MECH 45X Task Planning

Date: September 13, 2025

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Project Title: Airbus Robotics Flip Table

## Week 1

During the first week, we revised our Gantt Chart for the new term. The Gantt Chart can be found in the link [here](#).

- Revised dates for Dossier 8, 9, and 10.
- We decided not to pursue another CFP and instead focused on detailed design

## Week 2

The Gantt chart can be found [here](#).

- Completion rate changes
- Progress on Dossier 8 and detailed calculations
- Progress on procurement & lead time tracking

Notes for planning document submission:

- We have contacted our supplier, and our best lead time is 4 weeks while the worst is 8 weeks
- Through discussion with Airbus, we have decided that a detailed CAD and solution should be presented at week 3, January 21
- The Gantt Chart is in an accelerated timeline due to those two factors above:
  - We are planning to finish designing by 21<sup>st</sup> of January, time is given for revision until end of month
  - The parts selection should start after finishing design by 22<sup>nd</sup> January, by doing so we can order and get parts around 2 weeks after (guide rails, screws) to work on February while waiting for another week or two for other components to come (motors, gearboxes, etc).
  - Our forecasted build time is 1 month (finish around March), at which point the control should be developed in parallel and should take 2 more weeks considering implementation.
  - As can be seen, the accelerated schedule is necessary for our team due to the scale of our product.