

Senior Design Meeting 9-10:30 am



What are we trying to do
by when
how much will it cost

30-40 activities per qtr

Critical Path → no slack
Option: Plan - Do - Check - Act

Subsystem } Breakdown
Phase }

Design Review

- * What part of the design do we want feedback for
- * Explain Project Background for guests

Systems Design Deliverables

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DATE

DISCLOSED TO AND UNDERSTOOD BY

DATE

12/16/2011

PROPRIETARY INFORMATION

Activities

- 1 Model the plane
- 2 Model the motion table
- 3 Analyze stress + deflection on base pl
- 4 Determine Mounting Location
- 5 Research Materials
- 6 ~~Generate~~ Generate Concept Designs (2)
- 7 Research Material Vendors
- 8 ~~Generate~~ Perform cost analysis for each design
- 9 Weigh cockpit
- 10 Estimate COM of the cockpit
- 11 Compare Design Ideas (3)
- 12 Make Design Review Presentation
- 13 Select Final Design
- 14 Reinforce Cockpit
- 15 Determine Factor of Safety
- 16 Make Project Plan
- 17 Create BOM
- 18 Order Materials
- 19 Consult w/ Visual Display Team for concept design
- 20 Schedule Design Review
- 21 Determine ~~Requirements~~ Customer Needs (1)
- 22 Procure Forces from Motion Table
- 23 ~~Determine~~ Analyze Fatigue

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