SubsystemsTrade-off Aerodynamics Tool Creation & Veri... Aerodynamic Trade-off Aerodynamics Data Calculation Aerodynamics Start: 5/28/13 Work: 1.93 weeks Start: 5/28/13 Work: 1.93 weeks Start: 5/28/13 Work: 1.93 weeks Start: 5/28/13 Work: 1.45 weeks Start: 6/7/13 Work: 1.22 days Start: 6/10/13 Work: 1.17 days End: 6/11/13 Com: 0% End: 6/11/13 Com: 0% End: 6/11/13 Com: 0% End: 6/7/13 Com: 0% End: 6/10/13 Com: 0% End: 6/11/13 Com: 0% Structures Tool Creation & Verification Structures Data Calculation Structures Trade-off Start: 5/28/13 Work: 1.93 weeks Start: 5/28/13 Work: 1.45 weeks Start: 6/7/13 Work: 1.17 days Start: 6/10/13 Work: 1.22 days End: 6/11/13 Com: 0% End: 6/7/13 Com: 0% End: 6/10/13 Com: 0% End: 6/11/13 Com: 0% **Control & Stability** CS Tool Creation & Verification **CS Data Calculation** CS Trade-off Start: 5/28/13 Work: 1.45 weeks Start: 5/28/13 Work: 1.93 weeks Start: 6/7/13 Work: 1.17 days Start: 6/10/13 Work: 1.22 days End: 6/11/13 Com: 0% End: 6/7/13 Com: 0% End: 6/10/13 Com: 0% End: 6/11/13 Com: 0% Performance & Propulsion P&P Tool Creation & Verification P&P Data Calculation P&P Trade-off Start: 5/28/13 Work: 1.45 weeks Start: 5/28/13 Work: 1.93 weeks Start: 6/7/13 Work: 1.17 days Start: 6/10/13 Work: 1.22 days End: 6/11/13 Com: 0% End: 6/10/13 Com: 0% End: 6/7/13 Com: 0% End: 6/11/13 Com: 0% Payload Tool Creation & Verification Payload Data Calculation Payload Trade-off Start: 5/28/13 Work: 1.04 weeks Start: 6/3/13 Work: 1.22 days Start: 5/28/13 Work: 4.87 hours Start: 5/29/13 Work: 3.31 days End: 6/5/13 Com: 0% End: 5/29/13 Com: 0% End: 6/3/13 Com: 0% End: 6/5/13 Com: 0% Production Post DSE Project Gantt Chart Update Operations and logistic con... Start: 6/12/13 Work: 1.10 days Start: 6/11/13 Work: 3.31 days Start: 6/11/13 Work: 1.10 days Start: 6/13/13 Work: 1.10 days End: 6/14/13 Com: 0% End: 6/14/13 Com: 0% End: 6/12/13 Com: 0% End: 6/13/13 Com: 0% Production Plan Start: 6/14/13 Work: 1.5 days Start: 6/14/13 Work: 3.62 hours Start: 6/17/13 Work: 3.62 hours Start: 6/17/13 Work: 3.62 hours End: 6/18/13 Com: 0% End: 6/17/13 Com: 0% End: 6/17/13 Com: 0% End: 6/18/13 Com: 0% Electrical BD Data Handling BD Communication FD Electrical System Software BD Hardware BD Start: 6/19/13 Work: 3.63 hours Start: 6/18/13 Work: 2.5 days Start: 6/18/13 Work: 3.62 hours Start: 6/18/13 Work: 3.62 hours Start: 6/19/13 Work: 3.62 hours Start: 6/19/13 Work: 3.62 hours End: 6/19/13 Com: 0% End: 6/20/13 Com: 0% End: 6/20/13 Com: 0% End: 6/19/13 Com: 0% End: 6/19/13 Com: 0% End: 6/18/13 Com: 0% Requirements Compliance Matrix Feasebility Analysis Validation Procedures Start: 6/20/13 Work: 1.10 days Start: 6/20/13 Work: 2.21 days Start: 6/21/13 Work: 1.10 days End: 6/24/13 Com: 0% End: 6/21/13 Com: 0% End: 6/24/13 Com: 0% Design Strength Sustainable development strategy Sensitivity Analysis Start: 6/24/13 Work: 2.21 days Start: 6/24/13 Work: 1.10 days Start: 6/25/13 Work: 1.10 days End: 6/26/13 Com: 0% End: 6/25/13 Com: 0% End: 6/26/13 Com: 0% Reporting Final Reporting Start: 6/24/13 Work: 2.49 days Start: 6/24/13 Work: 2.49 days End: 6/27/13 Com: 0% End: 6/27/13 Com: 0% Final Presentation Start: 6/24/13 Work: 2.49 days End: 6/27/13 Com: 0%

Final Report Milestone

Preliminary Design

Start: 5/28/13 Work: 1.08 mo...

End: 6/27/13 Com: 0%

All plastic High Altitude Observatio...

Start: 4/22/13 Work: 2.18 mo..

End: 6/27/13 Com: 11%

Res: B; C; M; B; J; K; T; R; P; M

Baseline

Start: 4/22/13 Work: 1.56 weeks

End: 5/3/13 Com: 41%

Res: B; C; B; M; J; K; T; R; P; M

Midterm

Start: 5/3/13 Work: 2.84 weeks

End: 5/28/13 Com: 0%

Res: B; C; M; B; J; K; T; R; P; M

Start: 6/27/13 Work: 0 hours End: 6/27/13 Com: 0%