**Avionics Software Schedule**

| Lifecycle Phase | Task ID | Task | Duration | Predecessors | Successors |
|---|---|---|---|---|---|
| Project Start | 0 | Project Start | 0 | | 1,2,3,4,5,9 |
| | | | | | |
| | | | | | |
| Planning | 1 | Write PSAC | 15 | 0 | 6 |
| | 2 | Write SDP | 10 | 0 | 6,10 |
| | 3 | Write SVP | 10 | 0 | 6 |
| | 4 | Write SCMP | 10 | 0 | 6 |
| | 5 | Write SQAP | 10 | 0 | 6 |
| | 6 | Review Plans | 10 | 1,2,3,4,5 | 7 |
| | 7 | Release Plans | 2 | 6 | 8,11,23 |
| | 8 | SOI-1 | 5 | 7 | 31 |
| | | | | | |
| Requirements | 9 | Release Customer Requirements | 2 | 0 | 10 |
| | 10 | Write SRS | 30 | 2,9 | 11 |
| | 11 | Review SRS | 10 | 10,7 | 12,13,20 |
| | 12 | Release SRS | 2 | 11 | 14 |
| | | | | | |
| Design | 13 | Write SDD | 50 | 11 | 14 |
| | 14 | Review SDD | 15 | 12,13 | 15,16 |
| | 15 | Release SDD | 2 | 14 | 17 |
| | | | | | |
| Code | 16 | Write Code | 20 | 14 | 17,21 |
| | 17 | Review Code | 5 | 15,16 | 18,22 |
| | 18 | Release Code | 2 | 17 | 19 |
| | 19 | SOI-2 | 5 | 18 | 31 |
| | | | | | |
| Test | 20 | Write Test Specifications | 60 | 11 | 21 |
| | 21 | Write Test Procedures | 90 | 20,16 | 22 |
| | 22 | Dry Run Test Procedures | 10 | 21,17 | 23,26 |
| | 23 | Review Tests | 30 | 7,22 | 24 |
| | 24 | Release Tests | 5 | 23 | 25, 28 |
| | 25 | SOI-3 | 5 | 24 | 29, 31 |
| | | | | | |
| Certification | 26 | Write SAS | 5 | 22 | 27 |
| | 27 | Review SAS | 3 | 26 | 28 |
| | 28 | Release SAS | 2 | 24,27 | 30 |
| | 29 | Formal Test Execution | 10 | 25 | 30 |
| | 30 | SOI-4 | 5 | 28,29 | 31 |
| | 31 | First Article Inspection | 3 | 8,19,25,30 | 32 |
| | 32 | Deliver Software | 2 | 31 | 33 |
| | | | | | |
| Project End | 33 | Project End | 0 | 32 | |