

LV and SC Deliverables

| Approximate | Timeline | Data Item S/C Input needed |
|---------------------------|--|---------------------------------------|
| L-108 wks | Mission Interface Control Document (ICD) | S/C Questionnaire |
| L-108 wks | Payload Compatibility/Critical Clearance Drawing | S/C drawings and fairing requirements |
| L-106 wks | Preliminary Design Loads Cycle | S/C dynamic model |
| L-86 wks | Performance and Guidance Accuracy Analysis (PGAA) - Input 1(Preliminary Mission Analysis) | S/C PMA |
| L-65 wks | Intermediate Design Loads Cycle | S/C dynamic model |
| L-60 wks & L-2 wks | Spacecraft Separation Analysis | The S/C nutation time constant |
| L-60 wks | Performance and Guidance Accuracy S/C PMA requirements and Analysis (PGAA) - Input 2 (Preliminary Mission Analysis) | S/C mass properties statement |
| L-55 wks | Mission Specific Program Requirements Documents/Operations | S/C inputs |

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| | Requirements (PRD/OR) | |
| L-52 wks | Electrical Interface Control Drawings | LV flight harnesses and S/C GSE wiring requirements |
| L-48 wks | Fairing Clearance Analysis | S/C drawings and fairing requirements |
| L-44 wks | RF Link Analysis | S/C radio frequency application |
| L-44 wks | Spacecraft Logo/Launch Vehicle Insignia for Payload Fairing | S/C Logo |
| L-40 wks | Payload Fairing Venting Analysis | S/C ventable and nonventable volumes |
| L-36 wks | Integrated Thermal Analysis | Simplified S/C geometrical and thermal mathematical models |
| L-30 wks | EMI/EMC and RF Compatibility Study | S/C RF Systems summary |
| L-30 wks | Spacecraft Missile System Prelaunch Safety Package (MSPSP) | S/C MSPSP inputs |
| L-26 wks | Verification Loads Cycle (VLC) | S/C dynamic model |
| L-21 wks | Performance and Guidance Accuracy | S/C DTO requirements, |

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| | Analysis (PGAA) - Input 3 Detailed Test Objective (DTO) | including launch window, and S/C mass properties statement |
| L-15 wks | Integrated Test Procedures | S/C launch site test plan, S/C launch site standalone test procedures, and S/C integrated test procedure inputs |
| L-4 wks | Mission ICD Verification Matrix | Misc S/C data as needed |
| L-10 days | Final Mission Analysis (FMA) | S/C FMA |