

LAUNCH VEHICLE CHECKOUT PRIOR TO SPACE VEHICLE ELECTRICAL MATE

1. RECEIVING INSPECTION ALL STAGES
2. LOW BAY CHECKOUT, S-II AND S-IVB
3. ERECTION, MECHANICAL MATE ALL STAGES - S-1C, S-II, S-IVB, IU
4. COMPATIBILITY CHECKS WITH GROUND SUPPORT EQUIPMENT
5. INDIVIDUAL STAGE CHECKOUT - MECHANICAL, ELECTRICAL SYSTEMS
6. LAUNCH VEHICLE ELECTRICAL MATE
7. SWITCH SELECTOR FUNCTIONAL TEST
8. GUIDANCE & CONTROL SYSTEM CALIBRATION & FUNCTIONAL TESTS
9. PROPELLANT DISPERSION TEST
10. GUIDANCE COMMAND CHECKS
11. POWER TRANSFER & FLIGHT SEQUENCE TEST
12. SEQUENCE MALFUNCTION TEST
13. PLUGS-IN TEST
14. INTEGRATED SWING ARM TEST

FIGURE B-3

When the altitude tests are finished, certain hardware items are installed to complete assembly of the spacecraft. It is then moved to the vehicle assembly building and made ready for integrated testing with the launch vehicle.

Please notice that I use the words "spacecraft" and "launch vehicle" until the spacecraft and launch vehicle are mated. Then I use the term "space vehicle."