Environmental Testing and Launching Suomi NPP

13 Vibration Testing

14 Electromagnetic Interference (EMI) Testing

15 Thermal Vacuum Testing

16 Suomi NPP Arrives at Vandenberg Air Force Base, California

17 Stacking Suomi NPP on ULA Delta II Rocket

18 Suomi NPP Launch, October 28, 2011
Building the Suomi NPP Bus

1. Bus Structure
2. Wire Harnessing
3. Installation of Spacecraft Subsystems
4. Star Trackers
5. Propulsion Module
6. Solar Array

Integrating the Instruments

7. Advanced Technology Microwave Sounder (ATMS)
8. Cloud and Earth Radiant Energy System (CERES)
9. Ozone Mapping and Profiler Suite (OMPS)
10. Visible/Infrared Imager/Radiometer Suite (VIIRS)
11. Crosstrack Infrared Sounder (CrIS)
12. All Instruments Aboard