









From Concept to On-orbit Operations





Facilities for Complete Missions

The Space Flight Laboratory (SFL) maintains comprehensive facilities to support the complete development cycle of spacecraft, from initial conception to final environmental testing. SFL also maintains ground support equipment, ground stations, and a mission control center to support needs in the field, including launch campaigns in other countries, and commissioning and operation of satellites either at SFL or abroad. The manufacturing and test facilities at SFL have been used since 1998 to develop many operational satellites currently in space and many more under construction that are about to launch in the near future.

Full-time professional staff and certified technicians Assembly, integration and test equipment RF and microwave test equipment Thermal cycle chambers Thermal vacuum chambers Ground stations and ground tracking antenna systems Mission control center with worldwide station access Anechoic chambers Vibration table Certified Class 10.000 clean room Solar array simulators **GPS** simulators Computer analysis and design tools

Ground support equipment











