

SMARTSKY SMARTCART

SmartSky SmartCart is the world's first mobile ground testing device for an air to ground inflight connectivity system. Designed exclusively by and for SmartSky, SmartCart enables full end to end testing of the onboard ATG hardware system without the aircraft ever leaving the ground. This can reduce unsuccessful test flights, lowering fuel costs, aircraft wear and maintenance time.



SmartCart functions as a portable site on the SmartSky ATG network, with its own unique site ID. SmartSky onboard hardware systems attach to the SmartCart site across a localized RF link utilizing SmartSky communications protocols, connect to the SmartSky core network, and pass data to and from the aircraft, just as they do in the air. The data flows through SmartSky's network backhaul and Points of Presence (POP) through a secured VPN connection on a ground cellular network. The VPN keeps all data private, even during testing. SmartCart can validate activation and all system functionality, generally in under one hour.

- Intuitive graphical user interface provides ease of use
- Validates service activation and end to end data connectivity
- Loads installation configuration
- Verifies installation including antenna operation, cable validation and power levels
- Supports STC EMI testing

SmartCart is another exclusive and patent-pending SmartSky innovation designed to bring more competitive advantages to our partners and benefits to our customers.

SmartCart Specifications

Includes components to conduct ground testing of the SmartSky system, contained in a rugged hard case with wheels and retractable handle.

- 2.4 GHz transceiver
- Connector cabling
- Laptop-computer based control terminal

SmartCart requires a cellular SIM card to facilitate the ground side data connection between the SmartCart and the SmartSky core network.

SMARTCART	
Case Dimensions (LxWxH)	22.1" x 13.5" x 8.5"
Weight	35 pounds
Power	Standard 110v AC
FCC ID	2APND-SCI

