

“Go/No-Go” Testing and Troubleshooting for All Your Radios

L3Harris Link 16 Flight-line Tool (LiFT) provides “go/no-go” testing and troubleshooting for Link 16 Distribution System-Low Volume Terminals (LVT), Small Tactical Terminals (STT) and Small Tactical Terminals (STT). This application is available on a turnkey basis for customers who want to install it on their own equipment.

PRODUCT DESCRIPTION

This software is intended for use by radio operators and support personnel and allows the operator to perform go/no-go testing. Data is provided in real-time over a video link.

INTERFACES

LiFT interfaces to the MIDS Platform D, Platform J and Support Port Ethernet interface. The application uses the same interface as L3Harris' Link 16 Environment Gateway (LEW).

USER-CONFIGURED GUI

To support different user preferences, LiFT can be configured for either a menu-driven GUI or a touch-sensitive GUI. The touch-sensitive GUI is for low-Tight (operational) use. (stacked 0.083 Tc -0.083 Tw 1 0 Td [E] (stacked 0.003 Tc -0.003 Tw 1 0 Td [S])

VERIFY TACTICAL MESSAGE EXCHANGES

The LiFT operator can initialize the terminal, set time, start net entry, participate in a network and observe counts of the J-series messages transmitted and received. LiFT allows thorough check-out of the terminal while preventing access to sensitive settings and functions. It is used by air, ground and naval integrators as well as maintenance personnel to determine mission readiness and "go/no-go" status.

RECORD OF OPERATOR ACTIONS

Indicators are employed to assist the user in interpreting information displayed, with green indicating normal settings and red/orange/yellow indicating severity and possible error conditions. All operator actions are displayed on the screen and recorded in a log file for later review. Interface recordings can also be made for later analysis via COTS/GOTS tools i.e. MANDRIL.

PART DESCRIPTION

- > LiFT Handheld KIT (LiFT software installed on a Touch Screen PC with 1553 Card)
- > LiFT Software License with CD for installation on CFE
- > LiFT Software License with CD plus 1553 Card
- > LiFT Kit in Ruggedized Case (NIIN: 7025-01-630-5259)



Link 16 Flight-line Tool (LiFT™)

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L3Harris Technologies is an agile global aerospace and defense technology innovator, delivering end-to-end solutions that meet customers' mission-critical needs. The company provides advanced defense and commercial technologies across air, land, sea, space and cyber domains.

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