

# SYMETRICS

## AN/USQ-131B

*Memory Loader Verifier System*



*...life saving **NEWS***



*When conditions warrant...Symetrics-built MLVS is there!*

# Symetrics' AN/USQ-131B MLVS

The Memory Loader Verifier Set (MLVS), AN/USQ-131B, is a software loader that accurately and rapidly deploys Electronic Warfare (EW) mission data files and manages classified data for the AN/ALE-47(V) Countermeasures Dispenser System. Currently, the MLVS is in use by the US Navy and the US Marine Corps to distribute EW and avionics data files.

## Memory Loader Verifier Set



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### Specific Benefits

- Standard for Navy, Marines
- Functional & compatible for Army, Air Force
- Low-cost
- Powerful and fast (5 minutes versus 3-4 hours)
- Accurate and highly reliable (2x required MTBF)
- Easy to use and maintain
- Solid state, commercial technology
- Large storage capacity (upgradeable)
- Ideal for use in unsheltered environments
- Better software configuration control

### Technical Specifications

- Supports MIL-STD-1553 data bus
- Conforms to MIL-STD-2217
- Supports RS-232 and RS-422
- Direct UUT loading & single point loading
- Uses PCMCIA flash cards 20 MB (2 each)
- Operates on 28 V DC
- LCD display 0.6" (1.52cm) x 3.2" (8.1cm)
- 3 front panel switches
- MTBF: 2750 hours required; 4900 hours demonstrated
- Dimensions: (L) 9.0" (22.9cm) x (W) 5.5" (13.9cm) x (H) 4.0" (10.7cm)
- Weight: 5.5 lbs (2.5 kg.)

### Logistics Support

- Supports organizational, intermediate, and depot level maintenance
- NICN: LL-ERD-Y706
- SM&R Code PEOGD
- Technical Manual Operation, Organizational & Intermediate W/IPB NA 16-30USQ131-2

#### AN/ALE-47 Aircraft Countermeasures Dispenser System



Control Display Unit



Safety Switch



Dispenser



Sequencer



Programmer



CDT



MLVS

#### Support Equipment



**SYMETRICS INDUSTRIES**

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*...Small Business Agility*

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