



ELDS

Electrical Launcher Drive System



ELDS for Multiple Launch Rocket System (MLRS)

Performance

- Pointing in 30 instead of 90 seconds*
- Stow in 20 instead of 60 seconds*
- Acoustic and I.R. Discretion, engine of the vehicle stopped, only battery required

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Main operational advantages

- Low acquisition and through-life-costs (almost no maintenance required)
- Reduced power consumption (50% less thanks to counterbalanced actuators)
- Major cover protection for launcher (engine stopped and fast stow)
- Multi-target pointing
- Open interface to any Firing Control System (actually EFCS previous)
- Modular design and integrated built-in test ease maintenance

Main features

- No modification of existing support vehicles
- New counterbalanced actuators (patented) implying better liability of batteries & actuators
- Use of existing and current dedicated batteries (24V)
- Asynchronous motors and standard safety inverters
- Super capacitors to perform better EMC characteristics and lower battery consumption



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