

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN

CaMEL - Carry-all Modular Equipment Landrover

*Lighten the load and power forward
for the Soldier*

Like its namesake, Northrop Grumman's CaMEL operates in the most desolate corners of our planet. Today's soldiers often find themselves deep in unforgiving terrain, miles from their support base, and burdened with the extreme weight of equipment they need to live and fight. Rapid movement is a challenge – requiring time and resources they just don't have. CaMEL is a robotic transport platform that provides users an unparalleled and vital equipment transport capability. CaMEL is a hybrid motorized robot that can carry a half a ton of cargo across nearly any terrain. Optional kits are available to fit your mission requirements, making CaMEL your reliable customized beast of burden.

Mobility Specs

- Electric drive with 6 individual drive motors
- Hybrid Power Solution (Electric Diesel/JP8)
- Up to 20 hours of operation on 3.5 gallons of fuel
- Maximum slope angles: 40% grade front to back; 20% grade side to side, with 750 lbs payload
- Speed: 5 MPH
- Traverse: Navigates over 12 inches high obstacles with 750 lbs payload
- Turning: Skid steer
- Fords: 12" of water

Electrical Specs

- Exports 2 kW of power to recharge batteries or run additional sensors
- Power Supply: Diesel engine hybrid; 24V DC battery pack

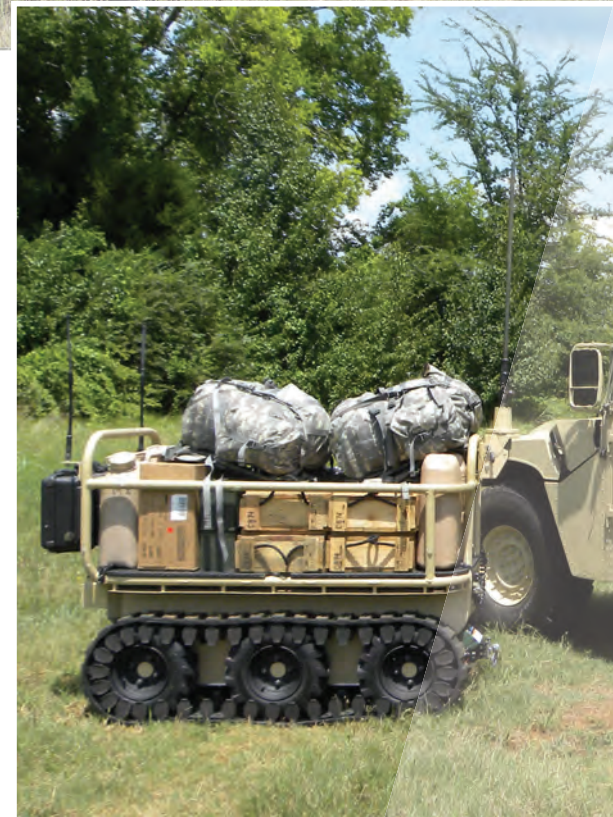
- System battery can be charged via NATO slave adapter off of any military vehicle in under 2 hours
- 1/4-turn connectors: Easy connect/disconnect

Optional Kits

- Extended range external battery pack
- Battery charging kits for military/commercial battery recharging
- Wheeled or tracked variants
- Data links: Interchangeable fiber-optic cable reel, RF system, or hard-line cable reel system

Training

- 2.5 days of operator / maintenance
 - At our training facility in Oak Ridge, TN
 - At your facility
 - Forward deployed



CaMEL Specs

- Height: 25" to deck;
47" to the top of the cage
- Width: 32"
- Length: 72"
- Ground clearance: 6"
- Payload: 750 lbs + dependent
on environment and terrain
- System electronics are sealed
within weather -
resistant enclosure
- All terrain - All weather
- Behavior characteristics:
 - Obstacle detection
 - Obstacle avoidance
 - Wagon train - multiple
systems follow each other
- Control functions:
 - Tethered
 - Wireless
 - Follow Me

For more information, please contact:

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