



*Remotec
CaMEL
- Carry-all
Mechanized
Equipment
Landrover*

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN

Like its namesake, Northrop Grumman's CaMEL operates in the most desolate corners of our planet. Today's warfighters often find themselves deep in unforgiving terrain, miles from their support base, 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.

Features

- Height: 0.635m to deck; 1.194m to the top of the cage
- Width: 0.813m
- Length: 1.524m
- Ground Clearance: 0.152m
- Payload: 350kg +
- System electronics are sealed within weather-resistant enclosure

Mobility specs

- Method: 6-wheel drive with individual drive motors, Removable tracks
- Maximum slope angles: 40% grade front to back; 20% grade side to side
- Speed: 1-8km/h
- Crevice/gap traverse: crosses gaps up to 0.483m
- Turning: Within the length of the vehicle

Electrical specs

- 7 Isolated firing circuits: 24V DC
- 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 two hours
- 1/4 Turn Connectors: For easy connect, disconnect

CaMEL is a robotic transport platform providing users an unparalleled and vital equipment transport capability. CaMEL is a hybrid motorised 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 customised beast of burden.

- All terrain (wet or dry surfaces)
- Primary Fuel within Camel chassis: 13.24l
 - ~20 hours of engine run time
 - Because it is a Hybrid robot, the engine run time is approximately 1/3 of the robot operating time.

Optional kits

- Extended range external fuel cell
- 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
- Control kits - Modes of control
 - Tethered
 - Autonomous operations
 - Wireless (remote) line of sight w/guarded motion and obstacle avoidance
 - Follow me
 - Light detection ranging (LiDAR)
 - Ultra wide band (UWB)
 - Wagon Train - multiple systems following each other
 - Retro traverse - following a previously travelled path

Training

- 2.5 days of operator/maintenance at our training facility in Clinton, TN
 - your facility
 - forward deployed

For more information, please contact

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Northrop Grumman reserves the right to amend the specifications in the light of continuing development
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