

All Terrain Lifting Army System (ATLAS)

Provides a mobile, variable-reach, rough-terrain forklift capable of handling all classes of supply.



DESCRIPTION AND SPECIFICATIONS

The All Terrain Lifting Army System (ATLAS) is a C-130 air transportable, 10,000 pound capacity, variable-reach, rough-terrain forklift capable of stuffing/un-stuffing 20-foot International Standards Organization (ISO) containers and handling Air Force 463L pallets weighing up to 10,000 pounds. ATLAS supports units from the transportation, quartermaster, ordnance, missiles & munitions, engineer, aviation, and medical army branches. ATLAS's mobility allows it to support the brigade combat teams, and it is a critical asset supporting an expeditionary Army.

ATLAS is a military-unique vehicle: commercial forklifts cannot meet military requirements. It is capable of lifting 4,000 pounds at 21.5 feet reach, 6,000 pounds at 15 feet, and 10,000 pounds at 4 feet. It is equipped with two interchangeable fork carriages:

- 1) 6,000-pound carriage for stuffing and un-stuffing standard Army pallets with 24-inch load centers from 20-foot containers weighing up to 6,000 pounds
- 2) 10,000-pound carriage for handling loads weighing up to 10,000 pounds at 48-inch load center (Air Force 463L pallets)

ATLAS is a key component of the Army's Container Oriented Distribution System, which is essential to deployment of a continental U.S.-based Army and sustainment of a deployed force.

Length: 27.02 feet

Width: 8.35 feet

Height: 8.92 feet

Weight: 33,500 pounds

Power Train: 165 horsepower Cummins 6BT5.9-C165 diesel engine with Funk 1723 PowerShift (three-speed forward and reverse) mechanical transmission.

Cruising range: 10 hours of operations before refueling

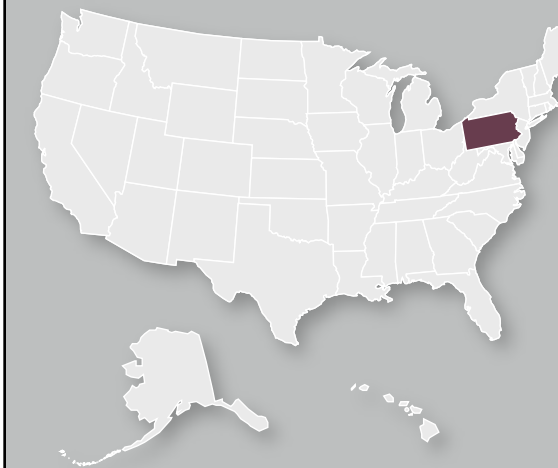
Road speed: 23 miles per hour

PROGRAM STATUS

- **4QFY04** Fielded Army prepositioned stockage (APS) cargo transfer companies in Korea and Japan
- **4QFY04** Awarded ATLAS reset contract to JLG Inc.
- **1QFY05** Fielded Afghanistan foreign military sales vehicles
- **1QFY05** Completed update of logistics support package (technical manuals, electronic technical manual, and provisioning)
- **1QFY05** Prepared Milestone C decisions package to support award of a second ATLAS production contract

PROJECTED ACTIVITIES

- **3QFY05** Complete Milestone C



CONTRACTORS

JLG Inc. (McConnellsburg, PA)

INVESTMENT COMPONENT

Modernization

ACQUISITION PHASE

- Production and Deployment