

All Terrain Lifter Army System (ATLAS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance



MISSION

To provide a mobile, variable-reach, rough-terrain forklift capable of handling all classes of supplies.

DESCRIPTION

The All Terrain Lifter Army System (ATLAS) is a C-130 air-transportable, 10,000-pound-capacity, variable-reach, rough-terrain forklift capable of stuffing and 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 and 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 a 21.5 foot reach, 6,000 pounds at 15 feet, and 10,000 pounds at four feet. It is equipped with two interchangeable

fork carriages: a 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; and a 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.

The ATLAS II is an EPA Tier III-compliant ATLAS with improved reliability, performance, survivability, and transportability.

ATLAS Features:

Length: 27.02 feet

Width: 8.35 feet (ATLAS II is four inches narrower)

Height: 8.92 feet

Weight: 33,500 pounds

Power Train: 165 horsepower Cummins diesel engine; Funk 1723 PowerShift (three-speed forward and reverse) mechanical transmission

Cruising range: 10 hours of operations before refueling

Road speed: 23 miles per hour

Force protection: Integrated armor

SYSTEM INTERDEPENDENCIES

None

PROGRAM STATUS

- **2QFY07:** ATLAS II contract award; ongoing production and fielding of ATLAS I

PROJECTED ACTIVITIES

- **3QFY09:** Full-rate production ATLAS II

ACQUISITION PHASE

Technology Development

Engineering & Manufacturing Development

Production & Deployment

Operations & Support

All Terrain Lifter Army System (ATLAS)



- TIER III Engine (ATLAS I has TIER I Engine)
- Significant Maintainability Improvements
- Improved Transportability
- 4 inches Narrower



- Integrated A/B Armor Kit
- Electronic Manuals
- Electronic Training Aid

FOREIGN MILITARY SALES

None

CONTRACTORS

JLG Industries, Inc. (McConnellsburg, PA)
An Oshkosh Corporation Company

