

All Terrain Lifter Army System (ATLAS)

INVESTMENT COMPONENT

Modernization

Recapitalization

Maintenance

MISSION

Provides a mobile, variable reach, rough terrain forklift (RTFL) 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 RTFL. ATLAS supports transportation, quartermaster, ordnance, missiles and munitions, engineer, aviation, and medical Army units. ATLAS’ cross-country 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 feet reach, 6,000 pounds at 15 feet, and 10,000 pounds at four feet. ATLAS is equipped with two interchangeable fork carriages: a 6,000-pound carriage for stuffing and unstuffing 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. The ATLAS II is an Environmental Protection Agency Tier III-compliant ATLAS with improved reliability, performance, survivability, and transportability. ATLAS I and ATLAS II systems are used to handle all classes of supply and are essential to the deployment of a continental U.S.-based Army and to the sustainment of a deployed force.

Crew survivability is being addressed in accordance with the Army’s Long Term Armor Strategy.

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 operation 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

- Continue: Fielding to units

ACQUISITION PHASE

Technology Development

Engineering and Manufacturing Development

Production and Deployment

Operations and Support

All Terrain Lifter Army System (ATLAS)

FOREIGN MILITARY SALES

None

CONTRACTORS

JLG Industries Inc. (McConnellsburg, PA)

