

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 units from the transportation, quartermaster, ordnance, missiles and munitions, engineer, aviation, and medical Army units. ATLAS's 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 & Manufacturing Development

Production & Deployment

Operations & Support

All Terrain Lifter Army System (ATLAS)

FOREIGN MILITARY SALES

None

CONTRACTORS

JLG Industries, Inc. (McConnellsburg, PA)

