



# LINE HAUL 34-TON TRAILER (LH 34)

Joint Recovery and Distribution System

# JRaDS

## Line Haul 34-Ton Trailer (LH 34)

Boeing's JRaDS Line Haul 34-Ton (LH 34) trailer is an advanced trailer with various design features that enables logistic operations and vehicle and aviation recovery. This unique trailer performs distribution operations that can start at a ground or air cargo distribution center and end with delivery to the customer on the ground or at another distribution center. The trailer will also easily recover downed rotorcraft and transport it without causing further damage. The LH 34 improves cargo handling by reducing reliance on material handling equipment (MHE) during cargo transfer operations. A standard gooseneck with a fifth wheel design has been incorporated to operate with existing prime movers, including M983 LET, LVS, LVSR, M915, and M916.

### General Information

- Recovery and transportation of rotorcraft without damaging them is a design goal for the Line Haul 34-Ton trailer
- The JRaDS Line Haul 34-Ton trailer is capable of performing commercial as well as military cargo handling operations
- Transportable cargo may include but is not limited to two CROPs, two flatracks, one 40-ft or two 20-ft ISO containers, four 463L pallets, MRAP Class II, or rotorcrafts
- A modular cargo handling deck with powered rollers and an adjustable height, pitch, and roll to handle movement of palletized loads

### Functions

The LH 34 will:

- Directly load and unload CROPs to ground, aircraft, ground vehicles, and ISO containers
- Directly load and unload flatracks to ground, aircraft, and ground vehicles



Light Aircraft Recovery and Evacuation



Transportation of ISO Container

- Restrain and transport 20-ft or 40-ft ISO containers
- Transport and distribute up to four standard 463L pallets with full payload
- Recover rotorcrafts and transport over rough terrain
- Recover light- or medium-size vehicles

### Key Designs

The LH 34 incorporates:

- Cargo handling deck capable of positioning and directly loading and unloading cargo, reducing time spent and MHE
- Dual winches to support loading and unloading operations
- Ability to pitch and roll to properly align with aircraft cargo decks
- Fifth wheel design to interface with commercial as well as military vehicles
- Suspension system design permitting transportation over rough terrain
- Capability to perform standard line haul operations at highway speeds
- Adherence to US and NATO standards

### Length

Overall: 52.4 ft  
Deck length: 40.6 ft

### Width

Maximum: 72 in  
Minimum: 43 in

### Height



Transportation of 463L Pallets

Transportation mode: 49.5 in

**Curb Weight:** 41,000 lb

**Capacity:** 68,000 lb

**Recovery Capability:** CROPs, flatracks, ISO containers, 463L pallets, warehouse pallets, rotorcrafts and vehicles weighing up to 68,000 lb

### Speeds

Primary: 55 mph (88 kph)  
Secondary: 25 mph (40 kph)  
Trail and cross-country capable

**Winches:** Two 35,000 lb (70,000 lb with one snatch block)

**Operation:** Electric/Hydraulic, 12V/24V

**Auxiliary Power Unit:** 46 hp JP8 engine

**Hydraulics:** 3000 psi

**Landing Gears:** Two at the front

**Paint:** Tan

**Tires:** 275/70R 22.55

**Tie-Downs:** 10 large D-rings, 36 small D-rings

**King Pin:** 3.5 in

**Prime Movers:** M983 LET, LVS, LVSR, M915, M916

**Air Transportability:** C17, C5

### Accessories

Tool box	Remote control	Chains and binders
Snatch block	Ground anchors	Optional crane

**The Boeing Company**  
Integrated Defense Systems  
2401 East Wardlow Road  
Long Beach, CA 90807

### For more information, please contact:

Anibal (Andy) Garcia  
JRaDS Program Manager  
Telephone: 562-593-2585  
anibal.j.garcia@boeing.com

John M. Dean  
Senior Business Development Manager  
Telephone: 256-464-4611  
john.m.dean2@boeing.com

### www.boeing.com

BOEING is a trademark of Boeing Management Company.  
Copyright © 2009 Boeing. All rights reserved.  
9M171942-001 10/09 PRINTED IN USA