

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN



Javelin Launch Tube Assembly

Northrop Grumman's state-of-the-art composites manufacturing capabilities are utilized to produce the Javelin Launch Tube Assembly (LTA) for the Javelin missile. The LTA is an expendable, lightweight composite used as the missile's launch tube.

Application

The Javelin missile is a man-portable, fire-and-forget anti-tank weapon system designed to provide high lethality against advanced armor. It is a rugged, reliable, and easily maintainable infantry system for the U.S. Army, U.S. Marine Corps and allied forces.

Qualification and Production Data

- Successfully qualified - 1995
- Initial low rate production - 1997
- Full rate production - 1998 to present
- Assembly tubes delivered - more than 45,000

Product Features and Benefits

- Proven graphite fiber and resin formulation
- Wound-in moisture barrier
- Forward and aft shock cushions
- Restrictor and frangible aft membrane
- Bonded CLU/BCU attachment interfaces

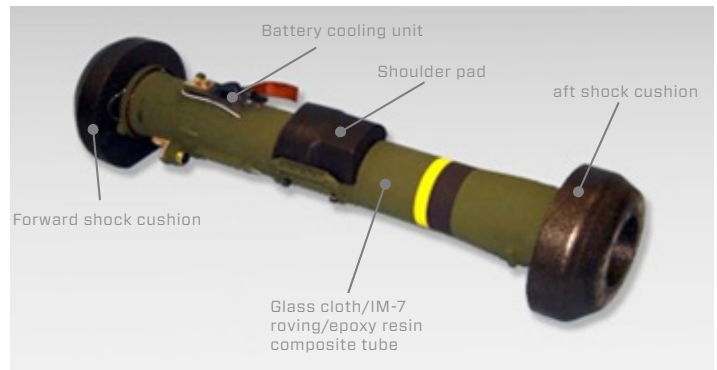
Specifications

Technical Data

Weight: 6.3 lb (2.86 kg)
Length: 47.8 in (1214 mm)
Diameter: 5.66 in (144 mm)
Forward end inside diameter
6.30 in (160 mm)
Aft end inside diameter

Performance Data

Temperature: Operating: -26°F to +120°F
(-32°C to +49°C)
Storage: -51°F to +160°F
(-11°C to +71°C)



Composite assembly

For more information contact:

Melissa Hobbs-Hendrickson
Phone: 301-697-8623
Email: melissa.hobbs-hendrickson@ngc.com

northropgrumman.com

©2018 Northrop Grumman Corporation.
All Rights Reserved.

Approved for release to the public domain OSR 15-S-0239, November 2014

THE VALUE OF PERFORMANCE.

NORTHROP GRUMMAN