Roller Test Facility

What It Is:

A roller bed moves the cargo to the rear of a plane, where it can be unloaded or dropped from the air while the plane is in fight. Our Roller Test Facility is a mock-up of the roller bed from a Cargo aircraft.

How It Works:

The Roller Test Facility uses 136-instrumented rollers to make measurements on the cargo. We can:

- Measure the cargo's size, weight, and center of balance
- Use our **Drop Tower** crane to test all points where the cargo is tied down
- Test special "honeycomb" materials that support the cargo and help keep it intact

Benefits:

Rapid response…All work is performed in-house with a short turn-around time.

Special capability…We can simulate up to 80,000 pounds of force on cargo that's pulled from a plane by parachute.

How We Can Help Our Clients In Private Industry:

Rollers can ease the transport of a heavy load inside a plane…but is your cargo putting too much weight on the roller bed? And will all the ties and rigging hold?

For our clients in the aircraft and air transport industries, Natick's instrumented roller bed helps provide the answers you need to move cargo safely.

Point of Contact:

Airdrop/Aerial Delivery Liaison

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