

Highlight USES TRANSPORTATION SIMULATION TECHNOLOGY TO IDENTIFY AND SOLVE LOAD FAILURE PROBLEMS

Case Study

THE CHALLENGE:

Altus Inc. came to Highlight to satisfy the concerns of a dissatisfied customer. Altus delivered several pallet loads of a new product to the customer to find that days later the loads had been falling off of their pallets during forklift handling.

Highlight employed transportation simulation technology to solve the issues and help Altus retain their key account.



HIGHLIGHT'S TRANSPORTATION
SIMULATION SYSTEM

THE SOLUTION:

Highlight Industries worked closely with Altus to understand the transport requirements of their current pallet. The Transportation Simulation System was utilized including G-force measurement, sustained tilt exposure, and impact testing to analyze Altus's existing pallet wrapping method.

With the information gained from testing, Highlight recommended a modification to the existing pallet to implement a winged design. This design provided an area for the stretch film to better grip the pallet improving stability. Secondly, a roping bar was retrofitted to strengthen the film and an extra bottom wrap was recommended to provide better containment force.

THE RESULTS:

- The root cause of product damage was identified and corrected
- Simple changes were made to eliminate load failures
- Prevented loss of customer with quick action and in-depth report