



Transportation/Erection Trailer

Approximate Dimensions: 13ft W x 92ft L x 14ft H; Weight: 65,000 lbs

Requirement:

- Develop a system that would accommodate the Vehicles, combining the capabilities of the existing road transport and erection trailers.

Solution:

- Utilized Nastran Finite Element Analysis system to optimize the design of all structural members to ensure a lightweight structure that meets road, air and erection functional requirements.
- Maintained existing system functions and interfaces for vehicles.
- Utilized the Pro-Engineer CAD system to develop and evaluate system designs, envelopes and clearances.