

**Preventing Accidents at Work
Focus on Safety**

***Alignment Engineering Group Discussion
July 17th, 2007
11:00 AM, Trailer 283***

Attendees:

***Brian Fuss, Georg Gassner, Michael Gaydosh, Levirt Griffin, Lothar Langer,
Miho Matias, John McDougal, Franz Peters, Bob Pushor, Michael Rogers,
Brian Rutledge, Yoko Tahara***

Presented by Catherine LeCocq

Focus on Safety Brainstorming Notes

Department / Dept. Manager: Alignment Engineering Group / Catherine LeCocq

Directorate Operations

Date July 17th, 2007

Issue Identified	Possible Solutions
<p>Carrying too many items or too heavy items down stairs. (Specifically the LINAC was mentioned)</p> <p>Concern is that both arms not free but need one for holding railing</p>	<p>For the LINAC, use the penetration winches for lowering down heavy objects</p> <p>Investigate the use of a stair dolly</p>
<p>New stairs on the deck of Forte Apache are bare wood. Have not used them in the rain yet but they may be a slip hazard</p>	<p>Have the stairs coated with a non-slip surface</p>
<p>Searching and/or retrieving equipment from the vans can be awkward and some may strike a person when searching through it</p>	<p>Organize the equipment. Suggest that pre-made van organizers for surveying equipment could be used</p>

Three primary safety considerations were identified and investigated. These are summarized below and the relevant predominant safety areas are identified in brackets:

1) Carrying objects up or down stairs (Ergonomic)

An example of a specialized hand-truck for stairs can be found at:
http://www.advancedhandling.com/stair_climbing_trucks/Stair%20Climbing%20Hand%20truck.pdf

2) Potential slip, trip or fall on deck stairs (S-T-F)

The plywood used for the stairs is specially designed to be slip resistant. They appear to be raw wood but they are actually non-slip. Descriptions of products like this can be found at:
<http://www.allproducts.com/manufacture97/xutengwood/product4.html>

3) Van organization to prevent falling equipment (Struck by Objects)

An example of a truck organizer for surveyors and engineers can be found at:
<http://www.truckvault.com/products/surveyors/default.asp>