

**From:** Mahendra Shah  
**To:** Daniel Huang; Robert Shewmaker; Ron Parkhill  
**Date:** 2/20/03 10:35AM  
**Subject:** Aircraft analyses

I talked to Jeff this morning about the following aspects of the aircraft analyses:

1. PRONTO HI-STORM Analyses for the Landing gear impacting the Lid at ( ) These analyses had crashed before. Based on my discussions with Kenneth Gwinn yesterday, it appears that the point modeling of the MPC weld between the Lid and the shell may be causing the crash. Sandia will revise the model and run the cases. Ex 2

2. I pointed out to Jeff that for the small plane effects, we need to provide the basis for the concluding that the ( ) on the landing gear and/or engine would not be more damaging than the effects of the larger plane. Ex 2

3. For the remaining casks, Jeff is preparing the detailed approach for CTH and PRONTO analyses. He is considering alternatives to running the CTH analyses for all cases. We will have to discuss the approach after Sandia send us their proposed approach this week. We will discuss the approach next week.

Thanks.

Mahendra

**CC:** Bernard White; Earl Easton; Jack Guttman

Ex 2 portions

Elmer