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**MEETING LOG**  
**DIRECTORATE FOR ENGINEERING SCIENCES**

**SUBJECT:** Tree Stands, ASTM F08.16 Subcommittee Meeting

**LOCATION:** Best Western Hotel, Redding, CA

**DATE:** May 6, 2005, 12:30- 5:30

**ENTRY DATE:** May 9, 2005

**LOG ENTRY SOURCE:** Mark Kumagai, Engineering Sciences

**COMMISSION ATTENDEES:** Mark Kumagai, Engineering Sciences

**NON-COMMISSION ATTENDEES:** Contact ASTM for attendee list.

**MEETING SUMMARY:**

1. Approved Minutes from meeting held on Jan. 5<sup>th</sup>, 05 @ ATA Trade Show.
  2. Draft revisions for the hunting tree stand standards F2121, F 2122, F 2123, F 2124, F 2125, F 2126 were reviewed and the subcommittee voted to submit them to ASTM for subcommittee ballot. Revisions included changing *safety belt* to *full body harness* through out the standards. These standards are also due for 5 year review and re-balloting.
  3. The subcommittee reviewed the issues concerning suspension and self-recovery from a full body harness. The subcommittee discussed the importance of hunter education, proper placement of the tether and the OSHA requirements for fall arrest safety systems.
  4. John Yates from Yates Gear addressed subcommittee on advancements with commercial safety harnesses and methods within the industry to deal with suspension trauma. He emphasized the importance of relieving pressure on the legs to prevent blood pooling in the legs, and proper medical treatment to address suspension trauma. He demonstrated some ideas for self rescue if suspended from a full body harness.
  5. The subcommittee members demonstrated suspending in a full body harness to experience the stresses and difficulties to move while suspended. Some prototype self-rescue devices were demonstrated.
  6. CPSC staff agreed to supply the subcommittee with additional data on tree stand incidents to determine scenarios that need to be considered. CPSC staff also offered to have the CPSC Human Factors staff review prototype self-rescue concepts.
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