Assistive Jumping Device and Travel Computer Mount

Progress Report: Week 5 (2/17/09-2/24/09)

By: Kelly Valentine
Caitlin Martin
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Travel Computer Mount

The travel computer mount will allow Sean to safely and effectively use a Dynavox computer while traveling in a car.
Progress Completed

• L Bars shortened

Mount is finally completed! (Need to obtain release form)
Assistive Jumping Device

The AJD will allow Sean to safely jump on a trampoline.
Progress Completed

• Body Support:
  • Waist harness completed
    – Seatbelt buckles attached
    – Padded waist and back added
    – Carabineer pockets attached

• Seat Upholster
  – New fabric purchased (waterproof backing)
  – Pattern created
Progress Completed cont.

• **Vertical Rail to Crane Trolley**
  • Crane hook machined
    • Grooves to recess rail guides
  • Neoprene attached
    • Increase friction, limit movement
  • Installed trolley bracket

• **Installation**
  • No permit needed
  • Quotes obtained for concrete
Body Support Pictures

Attached Seatbelt Buckles

Carabiner Pocket

Padded Harness

Waist

Thigh
Vertical Rail to Crane Trolley Pictures

Machined Crane Hook

Bracket

Installed Bracket

Rail and Side Grooves
Budget

• Still to be ordered
  • Crane with shipping, bolts, etc.
  • Cement
  • Crane Installation?
  • Bungee/Spring supports
Work To Be Done

• Pick up Upholstered Seat
• Find/Order bungees or springs
  • Design attachment
• Pick cement company
Hours Worked

- Caitlin – 12 Hours
- Kelly – 12 Hours
- Blaine – 8 Hours