Assistive Jumping Device and Travel Computer Mount

Progress Report:
Week 2 (1/27/09-2/2/09)

By: Kelly Valentine
Caitlin Martin
Blaine Ericson
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

- Tested in Vehicle
  - Frame and Mount too Large
- Frame Bars Shortened
  - Redid Measurements for Size
- Mount Plates Shortened
  - Drilled New Holes to Fit New Measurements
- Rubber Added to Mount Plates
- Edges Rounded
- Mount Retested in Vehicle... It Fit!
Pictures of Progress
Completed

Mounting Plates

Short Frame
Work To Be Done

• Weld Mount Plates to Frame
• Final Testing in Vehicle
• Mount Complete!

• No More Money to be Spent on Mount
Assistive Jumping Device

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

• Seat Bottom Adjustments Made
  • Bottom Removed
  • Seat Carved to Smooth
  • Foam Attached to Round Edge
  • Reupholstered
    - First Try with Glue Failed
    - Second Try with Tape Worked

• Cement Specifications (Crane) Received

• Trolley Received
Pictures of Progress Completed

Seat with Bottom Removed

Seat Reupholstered

Trolley
Budget

- Still to be Ordered:
  - Crane (with Bolting)
  - Cement Installation
    - Price
    - Family Help
  - Crane Installation
    - Price
    - Family Help

- New Design/Alterations?
Slight Dilemma

• Family Trip to Neurologist in St. Louis
  • Doctor Said NOTHING Behind Sean’s Head While Jumping
  - Appointment Monday 8:30 am With His Local Physical Therapist
    - Discuss Alterations/ Where to Go From Here?
Work To Be Done

• Previous Design:
  • Harness Attached to Seat
  • Vertical Rail with Seat

• Possible New Design? Alterations?

• Discuss Meeting with Physical Therapist
Hours Worked

• Caitlin – 12 Hours
• Kelly – 10 Hours
• Blaine – 10 Hours