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 Shorteneded
  - 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
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
Budget

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

• New Design/Alterations?