

Proposal 1

Aeron Chair Accessory Kits

A. Overview

Accessory kits are modular components designed to attach to the Herman Miller Aeron Chair. These kits provide data connections for audio and video, as well as control functionality for the user. The Flying Hands control interface increases flexibility of functionality and expressive capacity which allow the user to communicate intention more effectively.

B. Details

1. modular mounting system with RS232, DB15 (VGA), and USB connections
2. Flying hands with integrated TNG4
3. Adjustable swing arm work surface
4. Audio interface panel



Aeron Chair

C. Development

1. Modular mounting system with connections:
Machined plastic structure connects to arm rest of chair.
Cables are run inside structure for concealment and protection
Quick disconnect for swapping interfaces

Materials:

Polyethylene: / Cables / Connectors: \$300.00

Labor: Design/Machining/Install 15 hrs @ \$100/hr = \$1,500.00

Total: \$1,800.00

2. Flying Hands:

Machined Aluminum and Plastic

RS232 connection

Joystick has x, y and z movement plus rotation

Palm pad and fingers have pressure sensitive switches

TNG4 is integrated into the base

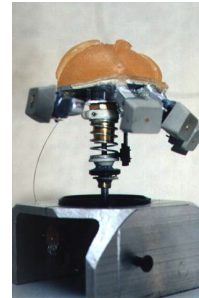
Materials:

Polyethylene / Acrylic / Aluminum \$500.00

Joystick / switches / accelerometer / TNG4 \$2,500.00

Labor: Design / Machining / Assembly 40 hrs @100/hr = \$4,000.00

Total: \$7,000.00



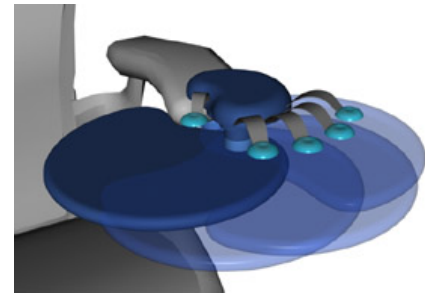
Flying Hand

3. Adjustable swing arm work surface:

Materials: Polyethylene \$100

Labor: Design/Machining/Assembly 8 hrs @ \$100/hr = \$800

Total: \$900



4. Audio interface panel:

1/4" Stereo jack with volume control located on arm rest

Materials: \$100

Labor: 4 hrs @ \$100/hr = \$400

Total: \$500

Total cost of materials:	\$ 3,500.00
Total hours:	67 hours
Total Labor cost:	\$ 6,700.00
Total Design and Prototype cost:	\$10,200.00

Contact information:

Dave Warner, MD, PhD
MindTel, LLC
www.mindtel.com
davew@mindtel.com

Matt Carbone
Ideations LLC
1800 N. Greene St.
Greenville, NC 27834
matt@mindtel.com

