



Engineering, Operations & Technology
Boeing Research & Technology

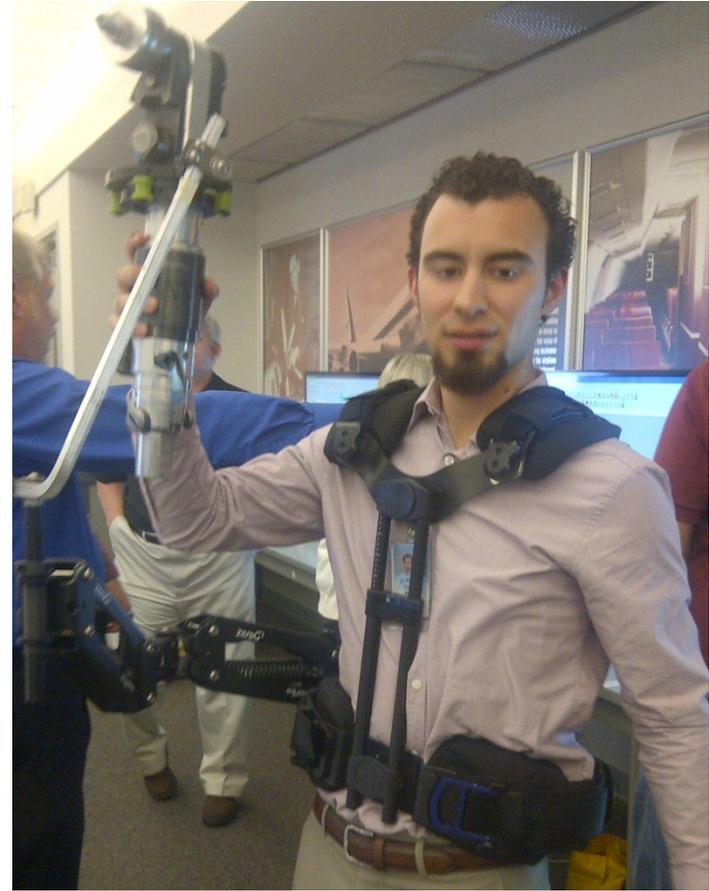
Research & Technology



zeroG Technology

John Amell
Boeing Research and Technology

The Fawcett Exovest



Vest-Mounted zeroG

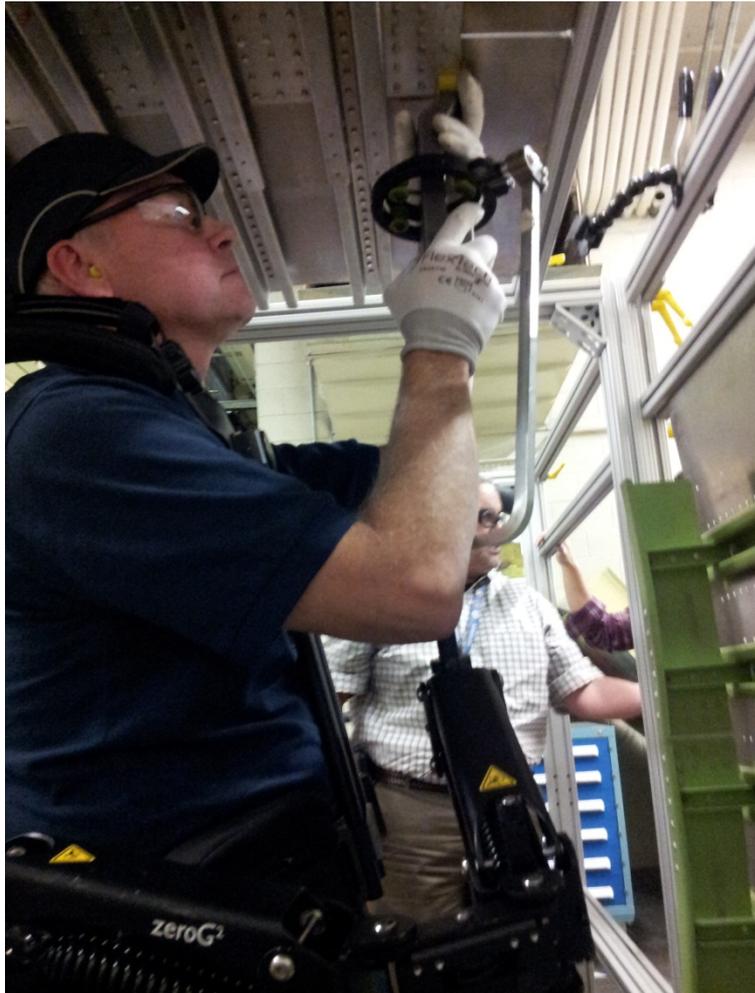
Potential Applications

- Bucking rivets – including overhead
- Pulling Hucks – including overhead
- Applying seal caps overhead
- ???

This system is still in operational testing in BR&T. We are working with the Skills Process Center and the Skills Enhancement Centers to simulate airplane assembly tasks. Our plan is to begin shop trials as soon as January 2014.

Operational Testing of the Vest-Mounted zeroG

Overhead Riveting (simulated in 747 Skills Enhancement Center Nov 2013)



Operational Testing of the Vest-Mounted zeroG

Sealing Applications (simulated in Skills Process Center 12-11-2013)



Operational Testing of the Vest-Mounted zeroG

Bucking rivets (simulated in Skills Process Center 12-11-2013)

