

Atheris: A Revolutionary Anti-G Suit System

Shane E. Jacobs, Ph.D.
Chief Technologist
sjacobs@davidclark.com



Other Tests Performed

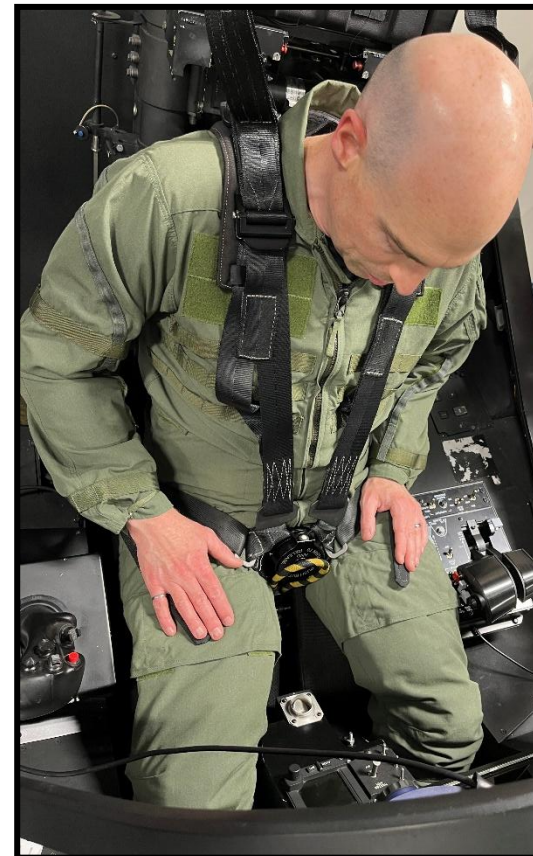


- Ejection Testing
 - Two ejection tests have been performed
 - 450 knots with case 6 mannequin
 - No integration or ejection envelope issues
- Cockpit Integration Testing
 - Evaluations in mockup cockpits
 - Cockpits evaluated include: F-16, F-35, Hawk, Typhoon



F-16 cockpit interface test

F-35 cockpit interface test



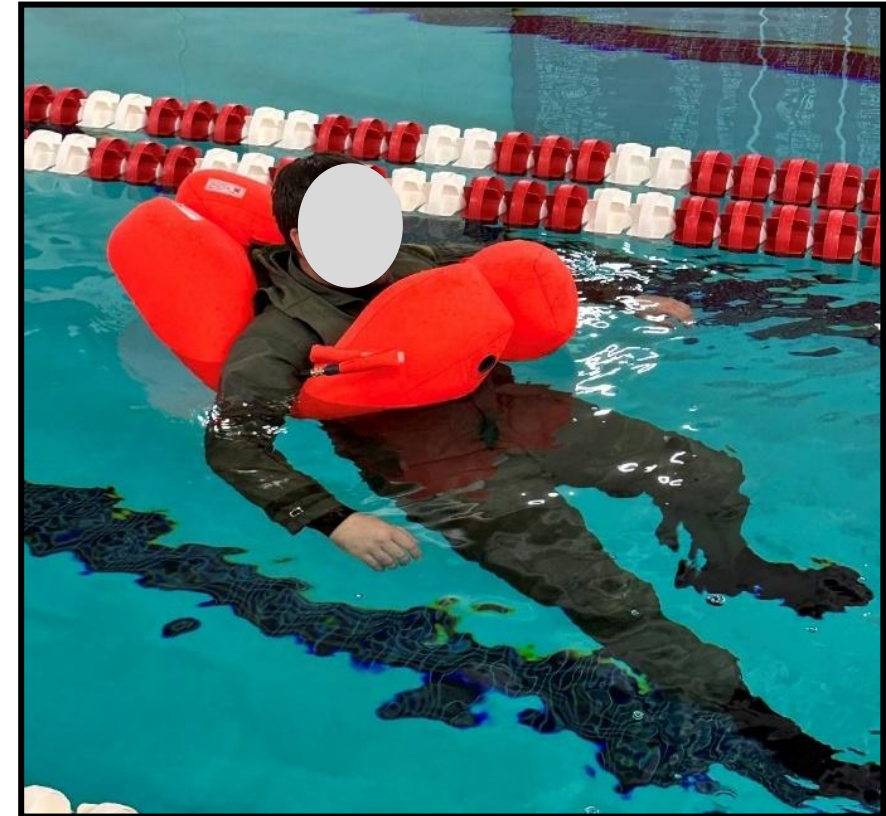
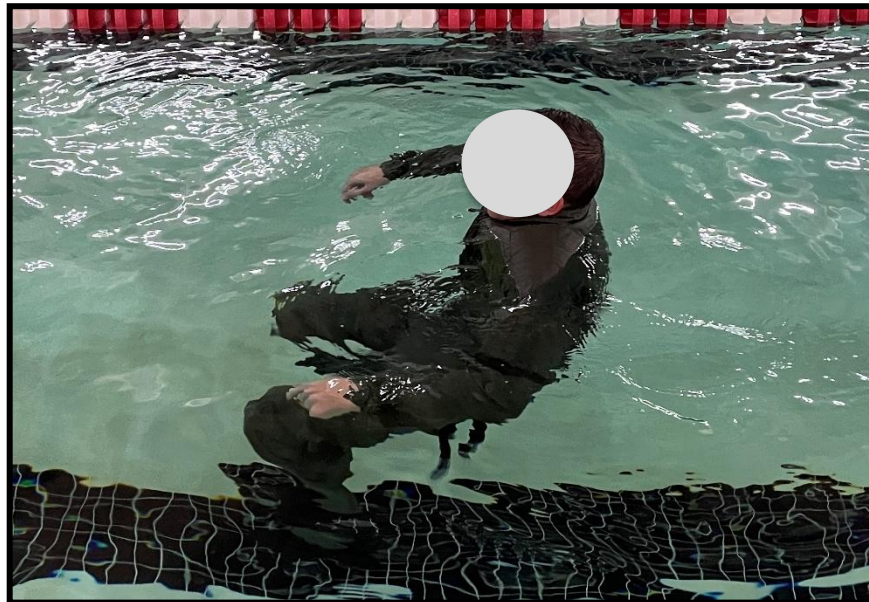
Atheris integrated to Case 6 Manikin prior to Ejection Test



Immersion Testing



- Multiple rounds of immersion testing performed at local university swimming pool
- IPG and suit are compatible with existing LPUs
- Immersion Garment version has also been tested in the centrifuge



Recent David Clark Pressure/Space Suits



S1100 Salus



S1041 OCSS



David Clark Aerospace History



Over 80 Years of Air & Space Crew Protection

David Clark Company has pioneered air and space crew protective equipment design, development and manufacture since 1941, with products ranging from anti-G suits to space suits.

