

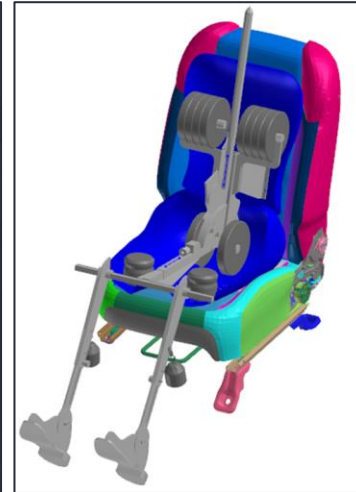
AUTOMOTIVE RESEARCH AND DEVELOPMENT CENTRE (ARDC) SEATING LABORATORY



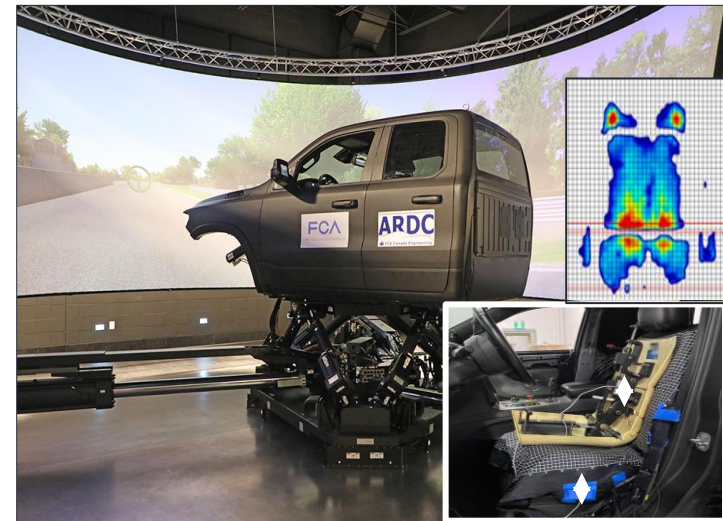
- **HISTORY:**
 - Climate-controlled lab that was originally established in 2016 and then recently expanded in 2025 to approximately 3,500 total square feet.
- **CAPABILITIES:**
 - Able to perform physical & virtual testing, across multiple distinct areas:
 - Static & Dynamic Comfort Analysis
 - Durability (Ingress / Egress)
 - Thermal Comfort
 - Material Characterization
 - Noise Vibration Harshness
 - Virtual Tools (Predictive Modeling)
- **VEHICLE PROGRAMS SUPPORTED 2026 YTD:**
 - Jeep® Grand Cherokee, Ram 1500, and Chrysler Pacifica
- **PARTNERSHIPS:**
 - Continuously support mentoring of University of Windsor engineering co-op students, via work placements each semester.
- **FUN FACT:**
 - Over a lifetime, the average person will spend approximately 25,000 to 35,000 hours sitting in an automobile, as a driver and/or passenger.



KUKA Robot



Virtual Tools



Static & Dynamic Comfort Analysis



Thermal Comfort