

WHAT IS ANTHROPOMETRY?

Anthropometry is the study of physical dimensions in people, including the measurement of human body characteristics such as heights, breadths, girths, and reaches.

SURVEY OBJECTIVES

ANSUR II will develop new anthropometric models for Soldier and Aviator clothing and equipment design, develop anthropometric specifications for digital human figure models to be used in workspace and workstation design, and support clothing and individual equipment (CIE) fielding requirements, all through an update of the 1988 ANSUR database providing the first ever comprehensive traditional/3D anthropometric database that includes Active Duty, National Guard and Reserve components.

ARMY PAYOFF

- Valid anthropometric criteria for requirements documents and cost savings, efficient design, sizing, and tariffing of CIE and hardware
- Reduced risk of human factors failures in fast track acquisitions and multicomponent ensembles
- Improved operational readiness by integrating Active Duty, Guard and Reserve requirements throughout the materiel life cycle
- New 3D capabilities to integrate shape data in the design of body armor and close fitting protective equipment



U.S. ARMY ANTHROPOMETRIC MODELS to OPTIMIZE the HUMAN SYSTEMS INTERFACE (ANSUR II)



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