

TABLE 47-V

ADDITIONAL DIMENSIONS THAT CLOTHING ADDS TO NUDE BODY MEASUREMENTS

Measurement	Civilian clothing Underwear, shirt, trousers, and tie (or dress) jacket and shoes ¹	Army uniform Underwear, khakis or fatigues, combat suit, overcoat, socks, shoes, gloves, wool cap, helmet and liner ²	Air Force WW-II heavy winter flying clothes jacket, trousers, helmet, boots, and gloves ³
Weight (lb)	4-6 ^a	22 9	20 0
Stature (in)	1 0 ^{b c}	2 75	1 9
Abdomen depth (in)	1 2	2 54	1 4
Arm reach, anterior (in)		37	0 4
Buttock-knee length (in)	0 3	70	0 5
Chest breadth (in)			0 6
Chest depth (in)		1 54	1 4
Elbow breadth (in)	1 0	2 12	4 4
Eye height sitting (in)	0 1		0 4
Foot breadth (in)	0 2-0 3	22	1 2
Foot length (in)	1 2-1 6	20	2 7
Hand breadth (in)		1 60	0 4
Hand length (in)		30	0 4
Head breadth (in)		2 8	0 4
Head length (in)		3 5	0 4
Head height (in)		1 45	0 2
Hip breadth (in)		1 40	1 3
Hip breadth sitting (in)	0 8	1 40	1 7
Knee breadth (both) (in)		1 68	2 5
Knee height, sitting (in)	1 0 ^b	1 44	1 8
Shoulder breadth (in)		1 16	0 7
Shoulder-elbow length (in)		62	0 3
Shoulder height sitting (in)		80	0 6
Sitting height (in)	0 1 ^c	1 67	0 6

^afor women, 3 to 4^bfor women 0 5 to 3 0^cadd another 1 0 ± for headgear

¹W F Ashe P Bodenman, and L B Roberts *Anthropometric Measurements*, Project No 9, File No 741-3 Armored Force Medical Research Laboratories, Fort Knox, Ky 1943

²I Emanuel 'U S Air Force clothing increment,' unpublished report Anthropology Section, Aero Medical Laboratory, Wright-Patterson Air Force Base, Ohio (No date)

³A Damon *Effect of Flying Clothing on Body Measurements of Army Air Force Flyers*, Memorandum Rpt ENG-49-695-32, Engineering Div., Aero Medical Laboratory, ATSC, Wright Field, Ohio 1943

Data reported in *The Human Body in Equipment Design*, by A Damon, H W Stoudt, and R A McFarland Cambridge, Mass., Harvard University Press 1966