



CHECKLIST: ANTHROPOMETRIC DESIGN PROCEDURE				
CRITERIA	YES	NO	N/A	COMMENTS
1. Define the target population. This will be defined by knowing the user group. Make sure to consider race, sex, and age.				
2. Locate sources of data for your target population or for the nearest reasonable equivalent. If necessary, create the dimensions you need using least squares estimation from data that closely represents your target population. In most industrial situations, it is not critical to try and control the tolerance to be less than ± 2 inches.				
3. Establish the critical dimensional constraints, ranking them in order of importance using the engineering design of the equipment or workspace. Consider: Clearance, Reach, Working Posture etc during operations and maintenance at the early stages of the design process to establish what effect the constraints might be on performance.				
4. Decide on the percentile range of the target population to be accommodated. The larger the percentile of the population to be covered, the more conservative the design.				
5. Select necessary anthropometric data, adding increments for clothing and equipment.				
6. By interaction of design alternatives determine desirable workspace dimensions with reference to the above.				
7. Check that adjustments in one region does not cause problems in another.				
8. Where possible, build a full-sized mock-up or utilize technology such as virtual reality to achieve the same end in simulating workplace tasks.				