MAKING OF LASER ASSISTANCE IN DRY TRAINING TO INCREASE ACCURACY NUMBER OF 10 METERS OF AIR RIFLE IN SPORT BRANCHES SHOOTING UNIVERSITY OF JAKARTA

ABSTRACT

This research is trying to produce a product making laser aids in dry practice shooting number 10 meter air rifles. The research of the development of this laser aid uses the research and development method (research and development) from Borg and Gall. The subjects in this study were the Jakarta State University shooting club with a total of 10 athletes. The trial of the use of laser aids was carried out at the Shooting Field, Faculty of Sports Science, Jakarta State University. Researchers worked with three experts in the field of shooting, testing and measurement, and machining. The validity test used in this study uses the expert justification test. The justification test is carried out after the researcher makes a prototype of the laser aid and the trial is then consulted and approved by experts. Based on the justification of experts, a score of 98.43% was obtained for the appraisal of tools which consisted of 97.72% physical aspects and 100% functional aspects. The percentage value of 98.43% indicates that the laser aids fall into the "very feasible" category for use in practice.

Key word : dry firing, device, accuracy, shooting.