

A method for building and operating a unified electronic simulator for anti-aircraft gunners of portable anti-aircraft rocket complex of type "Needle" relates to area of defense engineering, in particular to methods for constructing and operating small-dimension electronic training-teaching complexes with use of simulation modeling on computer. The method includes placement of control computer and connection of training modules to it in number from one to n , at that each of training modules is connected to working computer that is connected to control computer, inclusion to set of simulator of complex dummy as simulator of start tube with start mechanism in which bodies for control and indication are placed, those are connected through connection device to first information input of operating computer, indicator of angular position of sight line that is arranged as electronic compass, block of visualization means in which electronic projector is placed, this is connected to first video-output of working computer to second video-output of which one connects individual video-system with built-in indicator of angular position of its long axis output of which is connected to second information input of working computer. To dummy of complex one additionally includes block for formation and issue of sounding signal, block for reception and decoding of reflected signal, control and processing block. The invention increases effectiveness of use and improvement of mobile simulator for teaching and training anti-aircraft gunners of PZRK of "Needle" type for provision of broader possibilities of simulator, in particular formation of skills of operation of PZRK with account of individual anthropometric data of gunner.