

The proposed method for adjusting and testing the control unit of a radio control station implies connecting the control unit to the corresponding test equipment and test signal sources, switching on power of the unit, carrying out test operations, and determining the overall indication that characterizes the operability of the unit. The unit is tested according to a specified program stored in the memory of a computer. The said program contains operations of applying a defined sequence of test signals to the inputs of the unit, measuring and processing the output signals of the unit, and comparing the resulting data with reference data generated by the mathematical model of the unit. If the test data are unmatched with the reference data, the input signal sequence of the unit will be changed for the purpose to localize the faults of the unit and determine the causes of the faults. The present invention provides the possibility to automate the adjustment and testing process for the control unit of a radio control station, enhance the reliability of the test results, carry out the adjustment and testing process with the aid of personnel of a medium professional skill level, decrease the time required for the adjustment and testing, and reduce the expenses in connection with the adjustment and testing due to that metrological certification is not required for some standard test instruments and elements of test equipment.