

Annotation

Pre-diploma practice was held at the Scientific Research Center "Instruments and systems of energy efficiency" which is a science part structural subdivision of the "Igor Sikorsky Kyiv Polytechnic Institute".

The main Scientific Research Center lines of work are:

- development of modern systems design of flow rate, pressure, temperature and levels precise measurements;
- creating a model of interaction liquid flows with sensitive elements for cases steady and unsteady flow conditions;
- development of projection systems for energy carriers flow rates measurement instruments.

During practice, technical characteristics of turbine fluid meters, their design features, metrological characteristics, application features were explored; the structure of the quadcopter, its main characteristics; the classification and use peculiarities of quadcopter were studied; types of quadrocopters depending on power sources, basis of mathematical model construction were considered.