

## **Annotation**

Presented diploma work dedicated to perspective automatic control of small SC with help of gas jets and system of orientation by radio beacon and gyro sensors system design. It designed with application of method of separate objectives between several independent units. It is required to provide reservation of calculating power and increase reliability of SC.

In way of full topic disclose, all main systems of SC including electrical and pneumatic circuits, which are amounting of the construction were considered in the work. In one of the main chapter of the work designed program on C++ were presented. It gather programs of tree controllers, which manages work of whole SC. As a controllers were chosen Arduino programming platforms, because of it's free spread at market.

Designed program algorithms were laid in a basis of working model, which created for better understanding and visualization of program algorithm and all systems possibilities.