**Mission Analysis**

**Mission analysis is the brain for a space program because directs all the action to made in for the project from phase A to the flight.**

**In THRUST, Mission Analysis is a fundamental, starting from the mission requisites to the flight simulation, the work of mission analysis represents the digital support of the project. Mission analysis has to ensure the success of the mission.**

**The mission analysis member has to know both the technical and the organizational aspect of the project for the implementation of the entire mission campaign.**

**Mission analysis main activities are:**

**• Requisites determination and verification**

**• Implementing the 6 DOF flight simulator**

**• Determination of flight conditions**

**• Forecast the flight performances**

**In mission analysis the principal tool is MATLAB, which the simulator has been implemented.**

**Only with the go of mission analysis SFR I will be able to flight so no joke with them.**