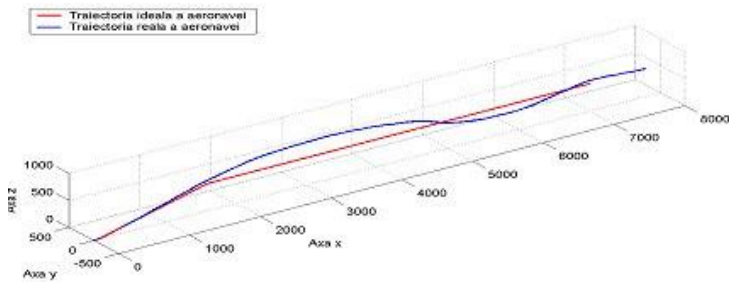# Project: CANDIDATE PILOT SELECTION SYSTEM

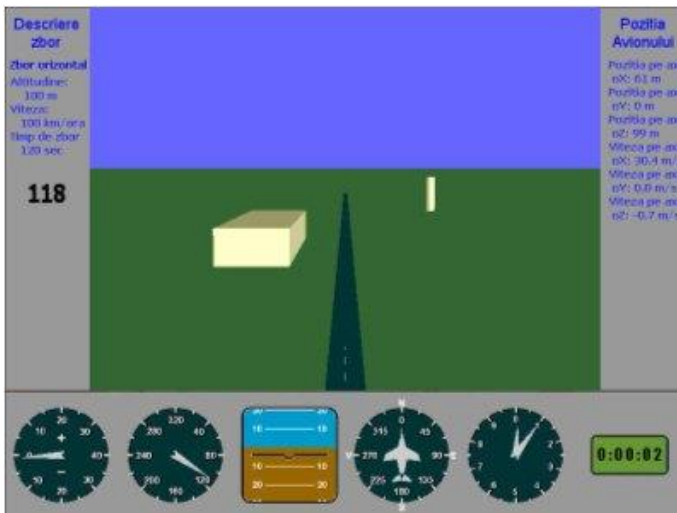**Partner:** National Institute for Aeronautical and Space Medicine

Objective: Develop a computer system for evaluation and prediction of psycho-physiological aptitudes of pilot candidates

Required measurements:

- basic psycho-motion abilities
- physiological data
- learning rate
- integration aptitudes
- performance under stress environment

Product development:

- 1-5 candidate workplaces which will include:
    - display with flight environment
    - flight data
    - flight controls
    - physiological data sensors
    - data acquisition and processing software
    - simulation software
- instructor place
- computer systems in local area network
- data acquisition and analysis hardware