

## **NCSU/Aptima – NASA NRA-07 Research**

11/10/06

Team Members: Alexander, Bailey, Hsiang, Kaber, Kim, Stelzer

Guest: Cowley (Psychology Student)

### Agenda:

Introductions

NCSU Faculty and Students

Aptima Team

Identification of work tasks

Need for specific deliverables in each step

Division of deliverables in award

Discussion of proposed research process

Identification of modifications and details

Discussion of first study as part of project

Relating SVS PFD features to clutter descriptive terms

Planning survey study

Securing stimuli

Formulation of action items

### Current Issues:

- In order to conduct SVS display feature inventories, pictures or descriptions of ND (Navigation Display) prototypes are required.
- What features and properties of the SVS PFD will we be able to vary in prototypes provided by NASA?
- What is the purpose of the Airspeed Error “worm” in the SVS PFD (as part of the In-flight path marker group)?
- How do changes in the phase of flight render certain SVS display features more or less important?
- What information is needed from the PFD display in each phase of flight (e.g., landing, taxing, etc)? (What NASA references already exist regarding this issue?)