

## **MMDAC Research Project Team Meeting**

3/20/08

Team Members: Alexander, Kaber, Kaufmann, Kim, Prinzel, Stelzer, Veil

### Agenda:

Review of action items from February meeting (with due dates of 3/13):

Draft flight scenario (Kaufmann) – Update

Objective measures of visual display properties and measurement devices (Veil) – Update

Experimental design (Kim) – Final version

Identify pilot performance measures to collect in experiment (Kaufman and Kaber) – Update

Revision of desired pilot characteristics (Kaufman, Alexander, Stelzer) - Update

Revision to pilot demographics survey (Alexander, Kaufmann, Stelzer) – Update

Wireframe database development (Prinzel & Arthur) - Update

Publications work:

HFES proceedings paper (Alexander et al.) - Status

ASEM manuscript (Kaber et al.) - Status

### Experiment Scheduling:

Checkout and experimental protocol verification at NASA LaRC – 5/22-5/23

Full experiment in IFD at NASA LaRC – 6/2, 3, 4, 5, 9, 10, 11, 12, 16, 17, 18, 19

8a – 12p (1st pilot) and 1p – 5p (2nd pilot) --- 2 pilots per day

Recruiting of pilots for study (Regina Johns) – On-going

Year 2 Outcomes:

(Need to stay focused on these goals.)

Subjective clutter rating scale (All) - Done

Subjective clutter preference threshold and objective performance clutter threshold

Objective model of perceived clutter

Conference presentation...

Study of Correlation of low-level HUD visual properties with pilot perceptions of display clutter (collected in Year 1 Experiment).

Another journal article based on Year 2 Experiment.