

Everyone -

Below are the notes and items I recorded during our meeting. Please advise if I've missed anything.

(1) The team decided to modify the definitions sheet for the descriptor terms, included in the subjective measure of clutter, to present alternate sets of terms among which pilots could indicate preferences. The majority preference identified through the experiment will be used as a basis for decisions on which terms to include in the final version of the measure.

(2) We will continue to identify measurement devices for recording specific HUD visual properties. Psychology may have some available instruments. Otherwise, quotes will be secured. We will select the specific analytical approaches to other measures (e.g., density) and identify software for administration. If no applications are available, we will program basic applications. Once devices and software are available, the measures will be applied to the selected HUD configurations (for Exp. #2). We will identify any sensitive measures for use in the experimental study (Veil - Update on 3/13).

(3) We will prepare a revised description of the desired pilot characteristics for NASA (Alexander, Kaufmann & Stelzer - Done).

(4) We will prepare a revision to the pilot demographics survey for the second experiment. The number of fields on experience will be reduced (Alexander, Kaufmann & Stelzer - Update on 3/13).

(5) Kaber will send questions from team on performance measures to Prinzel for input. We need to know what types of measures are recorded by the simulator and how they are output. Measures of "aviating", including flight control, cockpit control activation, etc. should be recorded by the simulator. Measures of "navigation" will require Kaufmann to specify what pilot actions should occur at different times in a scenario. These projections will be used as a basis for judging actual subject performance. Beyond this, we require that the simulator record videos of display content and out-of-cockpit at each stage of the approach. (Update on 3/13.)

(6) Kaber will inform Langley of tentative dates for the second experiment, the desired number of subjects for testing, the number of days/week the simulator is needed, etc. (Done)

I would like schedule our next team meeting for the middle of March, say 3/13, from 3:30-5:00p. Please let me know your availability.

Dave Kaber