

Project APTEM



Anticipative processes in threat and error management by VFR pilots

Austrian Research Agency FFG Nr. 813020

- * Development of flight simulation models for unusual attitudes, full stalls and spins, based on real kinematic data of Pitts S2-B;
- * Development and evaluation of simulator-based training for pilots in recovering from unusual attitudes, full stalls and spins;
- * Psychophysiological evaluation during real and simulated flight tests (performance, workload, skin conductance level, amplitude of skin conductance reactions, frequency of non-specific electrodermal response, heart rate, heart rate variability);
- * Evaluation of training transfer from simulated to real flight.

Time Period

2007-2009

Cooperation Partner

Institute of Psychology, Karl-Franzens University

AMT Aircraft