Autogenic Feedback Training Exercise (AFTE) in High-Stress Environments

**Objective**
Enhance operator performance, health, and safety through psychophysiological monitoring and control of autonomic nervous system function.

**Approach**
Autogenic Feedback Training Exercise (AFTE) is used to train people to monitor and voluntarily control a range of their own physiological responses to reduce symptoms of motion sickness and to improve orthostatic tolerance.

**Impact**
The training has facilitated adaptation to space and re-adaptation to Earth for astronauts and cosmonauts, and has improved Coast Guard pilot performance in C-130 aircraft and multi-crew helicopters during search-and-rescue missions. AFTE has also been demonstrated to relieve symptoms of nausea and fainting in patient populations. Autonomic nervous system monitoring has enabled U.S. Army Tank & Automotive Command to assess the impact of motion sickness on soldier performance within armored vehicles.

Point of Contact: Patricia Cowings, Ph.D., Patricia.S.Cowings@nasa.gov
William Toscano, Ph.D., William.B.Toscano@nasa.gov

http://humansystems.arc.nasa.gov/groups/psychophysio

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