

256. TESTING AND TRAINING IN HIGH-G PROFILES

PROJECT AT-A-GLANCE

- **AST RDAB POC:** Rey, René
- **AST RESEARCH AREA:** 3.5 Human Spaceflight - Training
- **PRINCIPAL INVESTIGATOR:** Vanderploeg, Jim
- **EXECUTION ENTITY:** UTMB
- **PERIOD OF PERFORMANCE:** Jan 3, 2011 - Jan 4, 2013
- **STATUS:** Ongoing

PROJECT DESCRIPTION

PURPOSE: There is a need to test, train, and evaluate groups of individuals with the most common diseases of mid and older ages. Characteristic responses of disease states will be identified and any particular risks that need to be mitigated identified.

OBJECTIVES:

GOALS: This task will enroll, train, and monitor groups with specific conditions as they experience G-profiles of commercial space flights.

STATEMENT OF WORK

1. Conduct raining and evaluation of future space flight participants (SFPs).
2. Evaluate biomedical monitoring equipment under the G-profiles of commercial space flights.
3. Develop optimal protocols for SFP's efficient and effective training.
4. Train and evaluate crew members in the G-profiles of various vehicles.