

National AeroSpace Training & Research Center

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NASTAR Center

FAA COE CST update 2013
Oct 29-30, 2013

A large, illuminated sign for the NASTAR Center. The sign is blue and features the word "NASTAR" in large, white, outlined letters. Below "NASTAR", the word "CENTER" is written in smaller, red, outlined letters. A yellow starburst graphic is positioned between the "A" and "R" of "NASTAR". The sign is set against a dark blue background with a crescent moon in the upper right corner.

NASTAR
CENTER

Space Research Study - Overview

TITLE: Tolerance of Centrifuge-induced G-force by Disease State

PURPOSE: To better understand how particular disease processes respond to acceleration forces that may be experienced during suborbital commercial spaceflight.

INVOLVES: Evaluation of ~125 individuals with one or more of known medical conditions including:

- (1) hypertension
- (2) diabetes mellitus
- (3) cardiac disease
- (4) lung disease
- (5) back or neck injury or disease

Space Research Study Update

73 subjects (with 101 disease category data points)

Of the 73, there are:

- 22 controls
- 24 hypertensives
- 14 heart conditions
- 13 lung conditions
- 9 diabetics
- 26 back/neck conditions

Study concludes in November 2013.

Space Research Study Group Photo



Space Research Study Group Special Thanks

Special Thanks to entire team at UTMB!!



FAA AST



FAA COE CST Center of Excellence Team



All of our amazing subjects and applicants

VIDEO



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The National AeroSpace Training And Research Center



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