

DF

December 2, 1974

MEMORANDUM

TO: BC7/George R. Gaffney  
FROM: DF/William E. Thornton  
SUBJECT: Progress on Contract NAS-9-14377

Enclosed is a copy of the contract progress report which is a correct and modest statement as verified by a recent visit and complete review and tests.

I have not accepted the first prototype until the brake and instruments are fabricated for it. We mutually and extensively modified these over the original concepts which has delayed their fabrication, which should be complete in seven to ten days.

William E. Thornton  
Technical Monitor

Enclosure

DF/WETHornton:ss:12/2/74:2421

# WHITMORE ENTERPRISES

DESIGNING AND MANUFACTURING

BLOOD PRESSURE MONITORING & RECORDING DEVICES — HYPOBARIC & HYPERBARIC CONTROLS  
LINEAR FLOW CONTROLS — FIREPROOF HYPERBARIC INTERCOM SYSTEMS  
AND SPECIALIZED MEDICAL RESEARCH DEVICES

RT. 5, BOX 369

SAN ANTONIO, TEXAS 78211

Henry B. Whitmore  
(512) 624 - 2121

6 November 1974

Report, Monthly Progress

Contract No. 9-BC73-37-4-211P

Exercise Device Development



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Exercise Device Development

At this time the Prototype Treadmeal No. 1 has been completed and is being tested. The constant speed inertia/brake is being fabricated and will be demonstrated with the unit in approximately two (2) weeks. As will rate instrumentation. At this time design is underway for Prototype No. 2. It is hoped that we can retain Prototype No. 1 to use as a breadboard for testing components and concepts of Prototype No. 2. No delivery or other difficulties are anticipated.

The present unit works as anticipated with walking and running possible even at 0° grade. This exceeds design goals.

Although not specified I will add shields and hand rails to insure safe operation. Operational noise level is high and steps are being taken to reduce this.

The second design is a marked simplification and improvements over this and noise and friction further reduced. A marked savings in weight and complexity will result.