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BLOOD PRESSURE MONITORING & RECORDING DEVICES — HYPOBARIC & HYPERBARIC CONTROLS

LINEAR FLOW CONTROLS — FIREPROOF HYPERBARIC INTERCOM SYSTEMS

AND SPECIALIZED MEDICAL RESEARCH DEVICES

Henry B. Whitmore (512) 624 - 2121

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SAN ANTONIO, TEXAS 78211

6 November 1974

Report, Monthly Pregress

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

Exercise Device Development

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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.