

SPACE OPERATIONS

DATE 8/30/83

Charlesworth                     

Dunseith                     

Draper                     

Abbey                     

Kranz                     

Bostick                     

Deney                     

Other                     

Action                     

Sue's Files

## MEMORANDUM

Lyndon B. Johnson Space Center



REFER TO: CB	DATE August 22, 1983	INITIATOR CB/WETHornton:1mc:8/22/83:2421	ENCL
TO: AM/Director of Space Operations		CC	
FROM: CB/William E. Thornton, M.D.		SIGNATURE <i>W. E. Thornton</i> William E. Thornton, M.D.	
SUBJ: Discretionary Fund Project			

The improved lower body negative pressure device which you funded some time ago had to be done more slowly than usual since both the contractor and I were loaded with the other DSO projects. The funded prototype was finally completed, unfortunately not in time for STS-8, but even preliminary testing has shown performance that exceeded my hopes, not only as regards physiology, but also in terms of weight, size, mobility, and support. Unlike the Russian Michelin Man's suit and attempted U. S. copies, (1) it will work, and (2) it will cost only 1-2 percent of efforts to date.

Thank you for the support in this and when I get back down to earth, I will do a complete evaluation and send you a copy of that report.

*8/30/83*  
*Bill*  
*Very good - will look*  
*forward to the report*  
*all*