

UNITED STATES GOVERNMENT

Memorandum

Shonten

TO : Memorandum for Record

DATE: November 6, 1969

FROM : CB/J. P. Allen

SUBJECT: Space Processing and Manufacturing Meeting

On October 20th and 21st Bruce McCandless, Phil Chapman, and I attended a symposium at MSFC on possible industrial uses of the O-g environment and the good vacuums provided by spaceflight. A partial list of the papers presented at this meeting follows:

- a. Glass preparation in space.
- b. O-g processing of new metal alloys and new ceramic products.
- c. Directional solidification of superconducting systems in O-g.
- d. Space processing of semi-conductor electronic crystals.
- e. Production of reactor fuels (isotopes) in space.

I have abstracts of these and related papers, plus additional notes, for anyone interested in specific details.

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