

DEC 12 1968

UNITED STATES GOVERNMENT

Memorandum

TO : All Astronauts
All FCSD Branches

DATE: DEC 10 1968

FROM : CA/Thomas U. McElmurry

SUBJECT: "G" environment for future space systems

Two space station design efforts are getting under way to define an orbital station for the mid-70 period. MSC is directing one design study, and MSFC another.

One of the fundamental questions which must be answered is whether or not we should provide artificial-G or zero-G environments. Head-scratching analyses will largely determine which way we go.

The enclosed memorandum contains several questions intended to stimulate thinking on the subject. I should appreciate your penciled thoughts by January 15, 1969, regarding these questions, and on artificial-G versus zero-G environments in general.

Thomas U. McElmurry
Thomas U. McElmurry

Enclosure

CA:TUMcElmurry:sms 12/10/68

