

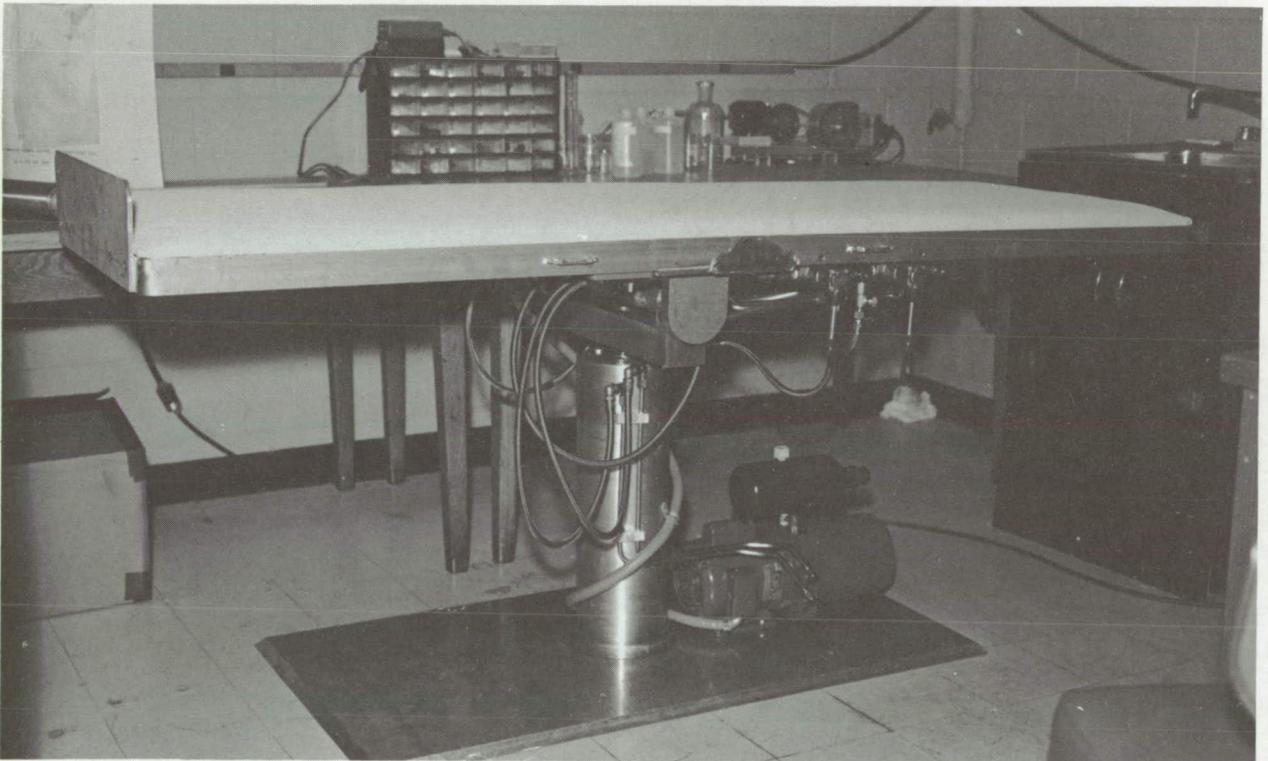
NASA TECH BRIEF

Marshall Space Flight Center



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Hydraulically Operated Tilt Table



An hydraulically operated tilt table raises, lowers, or tilts a test subject at any angle from vertical through an arc of 1.8 rad (105 deg) to a head-down position of 0.26 rad (15 deg).

The table, designed and built for medical center or laboratory use, consists of: (a) an aluminum table and base plate, separated by a center column containing a double-acting hydraulic cylinder; (b) a yoke with ball bearing pivots attaching a double acting

tilt cylinder; and (c) a self-contained hydraulic system with the necessary lines and control valves.

The table is equipped with a foot plate for supporting the subject while being tilted from vertical, adjustable head and foot rests for the comfort of the subject, and restraint attachments. In addition, the table may be raised or lowered while being tilted.

(continued overleaf)

Note:

Requests for further information may be directed to:

Technology Utilization Officer
Marshall Space Flight Center
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Huntsville, Alabama 35812
Reference: TSP71-10024

Patent status:

Inquiries about obtaining rights for the commercial use of this invention may be made to:

Patent Counsel
Mail Code A&TS-PAT
George C. Marshall Space Flight Center
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