

Centrifuge Test Aids Space Plan

Results of an experiment in lected during the 42-day pe-which five college students underwent 42 consecutive more weeks. days of absolute bed rest combined with short rides on a centrifuge were encourag-ing to space researchers seek-ing ways to nullify the effects of prolonged weightlessness.

Ing ways to nullify the effects from Baboolal's sensation "of prolonged weightlessness. The unique experiment, from Baboolal's sensation "of pin pricks on the soles of his or a contracted for the Air Force that the floor was tilted back-ward. Kopp said he "felt taller Systems Division was one of and light headed" and that the first to investigate the head to concentrate care-possible therapeutic merits of routation on a centrifuge as a All five subjects began to feel normal after a few minutes of walking around the laboratory. AIR FORCE and Douglas MSSD scientists said today that the test should prove yaluable in the design of space stations. While previous research was indicated that extended ing. Thereafter each student is a stational set of the third week of bed rest, sufficient time for the was indicated that extended ing. Thereafter each student is a stations. While previous research onset of muscle decondition-has indicated that extended ing. Thereafter each student stays in zero gravity can be was whiled four separate debilitating, the Douglas-Air times per day for a daily total Force experiment went a step further by investigating the merits of centrifugation in reconditioning cardiovascular evstems

ton, 24, Mar Vista; Nikolaus each had ample time to catch Kopp, 28, Topanga; Guy King, up on his classroom studies. 21, Palm Springs: Bill Schu-Big-screen television and fea-bert, 21, Lawndale, and Lal ture movies were also pro-Baboolal, West Los Angeles, all of California. THE ENCOURAGED scien-tiste said the therapeutic of low Most of the time, however, was spent on studies. Project director for Doug-tiste said the therapeutic of low Drog Wall.

THE ENCOURAGED scien-tists said the therapeutic of-las MSSD was Dr. W. J. fectiveness of the centrifuga-White, assisted by Dr. J. W. tion was demonstrated by the way the students easily adapted to a return to the was Dr. (Col.) A. I. Karstens, vertical existence. They said, assisted by Maj. B. V. Parks and Dr. (Capt.) Frank Brun-ly evaluating the data col-stetter.

Urban Sprawl Threatens Economy, Educator Says

Urban sprawl is threaten best land. Our first consider-ing the economic abundance of American society, Chan-adequate supply of food, fi-cellor Daniel G. Aldrich of U. C., Irvine, warned the 34th er materials we need for con-Annual Conference of the sumption and for trade." California Planning Commis-sioner's Association recently, munities which are undergo-Dr. Aldrich said he is ing this urban sprawl most "deeply concerned about the loften are located in the

"deeply concerned about the often are located in the manner in which we are tak-midst of our best farmland, ing land out of agriculture" and because agriculture has as cities and communities a great impact on our entire across the nation undergo a great "urban surge." responsible for urban develgreat "urban surge." Using California as an ex-ample, he pointed out that hearly 375 acres of open farmland comes under the ties of life for all of us who blade of the bulldozer every day, or 140,000 acres a year. "At this rate, we can expect three million acres of Cali-fornia land to disappear by 1980," he said. "The continuation of our delva into the attempt of the structure of the same of the day of the bulldozer every are caught up in this urban are caught up in this urban caught of the bulldozer every are caught up in this urban of the duration of the day of the bulldozer every are caught up in this urban are caught up in this

1980," he said. "The continuation of our delve into the problems of opulent society is at stake. urbanization, m u c h as the We cannot afford as a people University has done and con-to make unwise decisions on what use we will make of our agriculture.

Deed Modifications Sought For Harbor Hospital Land

Possible modifications to the best and highest use." rossing mountertons to he best and here now in General property to Los An-progress with the U. S. Degeles County have been urged by Supervisor Kenneth Hahn. Hahn urged the modifica-tion, and Welfare to modify tions to permit construction of a sheriff's sub-station, re-gional library, and recreation facilities on a portion of the non pital site "to put available that it would be used only for and publicly owned land to hospital uses. tion, and Welfare to modify

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and publicly owned land to hospital uses. hospital uses. Hahn said the land could be used very economically for a sheriff's station to serve the growing Carson area, "It would be foolish to spend more domars acquiring other sites as long as this land is not being put to productive use," he said. My Neighbors

Mumps Heads List

Four cases of mumps were reported from the Torrance area for the week ending Dec. 5. Other illnesses noted were "He figures making like a Christmas tree will save him." measles, and one each of encephalitis and hepatitis.