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U. S. NEWS

New York gives the new seventy million dollar super-liner, the "United States" the biggest welcome any ship has ever received there. Dwarfing the 150 small craft escort she enters her home port for acceptance. Manned by a crew of a thousand, she will carry two thousand passengers in air-conditioned comfort. Officers say her top speed is a secret, but on her first Atlantic crossing, she may try to break the "Queen Mary's" fourteen-year-old record. Converted as a military transport for ten thousand troops, she could carry them to almost any war front without refuelling. America claims she's "The finest and fastest ship afloat."

In Pennsylvania, Dr. Beckman tries out a machine to test the force of gravity on air pilots. Wearing an anti-gravity suit to protect his body and internal organs under extreme pressure, he enters the gondola. While his reactions are recorded and filmed, he'll be spun round on a fifty-foot arm under conditions approximating those faced by a jet pilot in a power dive.

The blood is drained from Beckman's face by centrifugal force. Graphs are made of the effects on his brain, lungs, blood pressure and nervous system. To the layman, this centrifugal sensation is comparable to the sinking feeling received in a rapidly travelling lift - but many times magnified. Out of such experiments will come the knowledge that will help man conquer the air at supersonic speeds.

~~At Johnsville, Pennsylvania, the Navy commissions for~~
~~DR. BECKMAN~~ TRIES OUT

~~centrifuge~~ a machine to test the force of gravity on airplane
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internal organs ~~are~~ under extreme centrifugal forces, ~~the~~ ^{pressure,}
~~Doctor Edward Beckman~~ enters the gondola, ~~of the centrifuge~~. While
his reactions are recorded and filmed, he'll be spun about on a
fiftyfoot arm under conditions approximating those faced by a
jet pilot in a power dive. ¹²⁰

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are made of the effects on his brain, lungs, blood pressure and
nervous system. To the layman, this centrifugal sensation is
very comparable to the sinking feeling received in a rapidly rising
elevator -- but ^{hundreds} many times magnified. Out of such
experiments will come the knowledge that will help man conquer
the air at super-sonic speeds.