



DECIDING TO QUIT after winning \$192,000, Robert Strom, 10, gags it up with parents, Mr. and Mrs. Albert Strom, before leaving New York TV studio. Lad's winnings are highest in quiz category. (International Soundphoto)

Rocket Flight Into Space Could Change Pilot's Personality

Norton AFB, Calif. — (U.P.) — Sealed in a rocket-powered missile soaring in darkness so high the earth will look like a big moon below, tomorrow's pilot could suffer a space change affecting his entire personality.

Along with this he could experience a job of terror that could unhinge his mind.

These are possibilities scientists and doctors are studying at Norton—nerve center of the Air Force's flying safety program. Dr. Archie F. Zeller, chief of the "human factors" branch, and his associates, are concerned with pilots and their machines and stresses that can break them both.

Tight Fit

Whizzing along at 4,000 mph and up, the pilot may feel trapped inside his pressurized capsule, surrounded only by the nervous jerk of the needles on his instrument panel. He fits into the cockpit like a finger in a tight glove, only able to move his head and hand to steer his course.

"Studies have been made of the men flying today's high speed jets," Dr. Zeller said. "Some find this experience exhilarating, a great peace, but some find it terrifying—they are filled with anxiety."

But what could bring about a "space change" in the pilot is a phenomenon called "disorientation." It is a loss of contact with one's surroundings and it can show up in a jet pilot as a sort of circuit breaker in his mind which causes him to make a mistake.

For example, while the jet pilot is landing, he may reach for the landing gear handle, but instead suddenly pull off the power. He acts as if an unseen force tricked him into it.

For the space flyer, disorientation may have basic psychological effects. Dr. Zeller says that a pilot may not be the same man after flying on the fringes and into space.

At great heights, he may have a feeling of complete detachment from the earth, Dr. Zeller says, and earthly values may become meaningless for some pilots. Other men may seem worth little when looked down upon from the high loneliness of space.

Could these feelings mean a permanent change in the pilot's personality?

Dr. Zeller admits they could if the pilot were subjected to space flights for long periods or many shorter periods.

"It is another facet in the selection of pilots for stability in space," Zeller says. "Some won't be able to stand it over a long period, so they must in the interests of safety be weeded out."

MacLaren Escapees Caught at The Dalles

The Dalles — (U.P.) — Three 16-year-old escapees from the MacLaren School for Boys at Woodburn were captured here Sunday night but only after police fired three shots in attempts to halt the fleeing youths.

The boys were charged with auto theft. Police said the car in which they were riding when arrested had been stolen at Oregon City.

Portland — (U.P.) — Gov. G. Mennen Williams of Michigan told Multnomah county Democrats Sunday that achievement of power by their party demanded also the assumption of responsibility.

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Californians Must Learn To Live With Threats of Big Earthquakes

Editor's note: Dr. Charles F. Richter, professor of seismology at the California Institute of Technology, is one of the world's foremost experts on earthquakes, the volcanic convulsions or shifts in fault lines breaking the earth's crust. His Richter scale of one-to-infinity is the recognized measure of tremor intensity. In the following dispatch, he discusses exclusively for the United Press how California must live with quakes just as other states must reconcile living with tornadoes or hurricanes.

By DR. CHARLES RICHTER
Written Exclusively
For the United Press

Pasadena, Calif. — (U.P.) — Everyone in California has to learn to live with the threat of a great earthquake.

This does not mean folded hands and a stiff upper lip. Rolled-up sleeves are more in order.

Not much can be done about an earthquake after it happens, but there is an old half-serious answer to the common question as to how to act in an earthquake:

"Stand still and count to 30; after that it doesn't matter!"

In other words, panic is worse than doing nothing. Now, before a great earthquake occurs, is the time to act not with panic but with resolution, to diminish the risk.

Except for fire, almost all loss of life and most property loss in earthquakes is due to the weakness of buildings which would never have been permitted under any modern building code with proper enforcement.

Work To Be Done

In some California cities the authorities and civic organizations have acted to remove projecting and unsupported cornices and firewalls, and even to demolish old unsafe buildings. In some areas antiquated deathtraps are being replaced by modern construction; but much remains to be done. Here and there even school buildings are in service which do not meet the present requirements for earthquake safety.

Often in late years press reports of minor earthquakes in California have been accompanied by statements from seismologists on the impending risk of a great earthquake, most probably on the San Andreas Fault. We do not rush to offer such statements; the press asks for them.

We have now passed a half century since the last great earthquake in Central California and a full century since the last in Southern California. There is evidence that strains in the earth have now accumulated to the point where the next great shock is not far off.

It may happen while this is being written, or 10 years from now.

The parts of the San Andreas Fault which shifted in 1857 and 1906 have been relatively quiet.

Camas, Wash. — (U.P.) — Juanita B. Smith, 45, Camas, was killed instantly when the car in which she was riding plunged over an embankment Saturday, officers reported.

lately, so that the earthquake on March 22, 1957, on the great fault and close to San Francisco, was a distinct surprise. Of course this was a comparatively tiny affair; what it means in terms of the impending great earthquake no one can say.

My Preferences

There are several well-recognized possibilities for the location of this expected great earthquake. Competent workers have rated their probabilities in differing order. My own preference is:

—The Southern California sector of the San Andreas Fault, active in 1857, centering somewhere near Fort Tejon (Ed's Note: Between Los Angeles and

Bakers field).

—The Central California sector, as in 1906, extending north and south from San Francisco.

—The intermediate sector, extending from San Juan and Hollister southeastward to a point northeast of Paso Robles.

In addition to the San Andreas fault a major earthquake might well occur on:

—The Hayward Fault on the east side of San Francisco Bay, or

—The fault in Owens Valley, where a great earthquake took place in 1872, or

The Garlock Fault in the Mojave Desert.

There are still other possibilities; no part of California is exempt from earthquake risk.

Episcopal Diocese Sets Building Record

Eugene — (U.P.) — The Oregon Diocese of the Episcopal church set an all-time building progress record during 1956, the Rt. Rev. Benjamin D. Dagwell, bishop, reported to the 69th annual convention of the group Sunday.

Projects under way are valued at more than \$3 million, he said. They include the \$2,500,000 Rogue Valley Memorial hospital at Medford.

Other projects are a \$300,000 auditorium-chapel annex at Good Samaritan hospital in Portland; new kitchens for Good Samaritan hospital at Corvallis; new church at Lebanon, a 6½-acre site for a new group of church buildings at Corvallis, and purchase of more property at Monmouth.

Postal Crisis Said Blessing in Disguise

Washington — (U.P.) — Postmaster General Arthur Summerfield said Monday that the recent postal "emergency" has been a blessing in disguise because it focused public attention on his department's problems.

"Now many more of our citizens understand that their post office must have everyone's help if this nation is to enjoy the postal service our people deserve and expect," Summerfield said.

The postal "emergency" he referred to was caused by the recent shortage of funds to keep the Post Office Department operating at full tilt until the beginning of the new fiscal year July 1.

When Congress was slow in giving Summerfield the funds he demanded, he began some drastic curtailments in service. The cuts were called off when Congress came through with the money.

Three Rescued After Being Trapped by Tide

Oceanlake, Ore. — (U.P.) — Two men and a woman were safe Monday after being trapped by the tide on rocks off the beach here overnight.

The Coast Guard said Charles Oxley, 23, his wife, Caroline, both of Cornelius, and Harry Keller, 69, Hillsboro, made their way around the edge of a cliff when the tide went out early today.

Senators Join To Ratify Boundary Pact

Washington — (U.P.) — Oregon and Washington senators have joined in sponsoring legislation to ratify the two-state pact for redefining the boundary between the two states along the Columbia River. Sen. Henry M. Jackson, (D-Wash.) said today.

The new boundary was approved by both state legislatures.

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Supreme Court Rules on Admittance of Negroes

Washington — (U.P.) — The Supreme Court Monday ruled that Negroes must be admitted to Girard College for Orphans in Philadelphia, a hitherto all-white school for boys 6 to 18.

The tribunal's order was contained in a short, unsigned opinion which cited its famed school desegregation decision of May 17, 1954.

Mosquitoes can breed in any water that stands for four or five days.

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