Friday, November 2, 1984

LASVEGASAGE

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PENS ARE TRICKY AT HIGH ALTITUDES

LOS ANGELES — Don't open your fountain pen while flying at high altitudes!

This warning is increasingly important to air travelers today in view of continued development of transport planes for operation at higher air levels, according to William Littlewood, chief engineer of American Airlines.

Littlewood, who is here checking the fleet of improved Douglas transport planes now nearing completion for his company, pointed out that reduced air pressure above 5,000 feet makes the fountain pen dangerous. Unless the pen has an air leak, pressure within the ink chamber will remain as it was on the ground, he said. Then, as the exterior pressure is lowered, a force is exerted on the imprisoned ink which often causes it to spurt when the cap is removed.

The principle involved, he said, is similar to that which causes coffee, placed in the plane nominally warm, to boil at high altitudes. Actually the coffee in such cases is no hotter than when it left theground. Simple physics, however, teaches that liquids boil at lower temperature as air pressure is decreased and the lowering of exterior pressure causes the phenomenon within the coffee containers, as it does in the ink sac.

ELDORADO CANYON MAKES NEW STRIKE

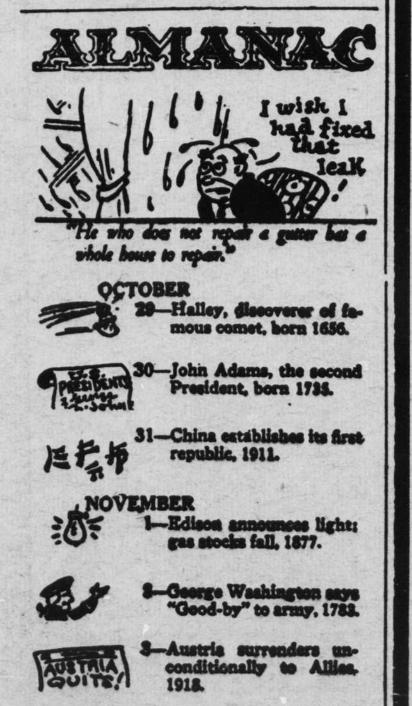
A rich strike of gold and silver is reported in the old Duncan mine in Eldorado Canyon, the ore running between \$27 and \$32 a ton.

During September three shipments were made to the Utah smelters, the first shipment consisting of six tons of low grade concentrates that



brought returns of \$1,329.20. On the 300-foot level a new outcropping ore has been penetrated that runs around \$30, a ton. Shipments from the mill are made by truck to Salt Lake. —Denver Mining Record.

> Place the customary X after FRANK M. RYAN For STATE SENATOR



KD

Will Rogers arrives at Claremore, Okis., 1879.



EVERY DAY AT 2:00 P. M. 5:00 P. M. 7:00 P. M. 10:00 P. M.

APACHE HOTEL BUILDING Fremont Street Near Second

ROULETTE – TWENTY-ONE – CRAPS