Television Broadcasters May Make Transmitters Out of High-Flying Planes

WASHINGTON, Dec. 22.-(P)-Another race is on to span the continent, reminiscent of the days when the railroads were battling to link east with west.

This time it's a race in the ether-a race among three proposed methods of network television broadcasting.

vision network operators must ing of the lot, find another way, and an efficient one, to transmit the waves.

There's a galaxy of proposals before the federal communications commission (FCC) for rewaves so that coast-to-coast television networks can be set up.

The three main types of proposals, says the FCC, are:

- 1. Stratovision.
- 2. Coaxial cable.
- 3. Point-to-point relays. Stratovision is the most amaz-

Gervais Schools Hold Programs Before Holiday

GERVAIS, Dec. 22 -(Special) The grade school presented the cantata, "Santa in Story-Land," Friday afternoon.

During the recent Victory bond Lake City and Los Angeles. drive the grade school bought 51 Per Cent Coverage

Pupils have painted individual by the pupils.

School was dismissed Friday and classes will resume January 7. sion experiements. The parochial school gave a

til Monday, January 7. paper. Lloyd Seely donated his vision. truck and his services to take Radio Relay the load to Portland.

Present telephone lines of the national radio networks can't

Ingenious Transmitters mounted in air-

planes flying six miles above the earth are the key to stratovision. Programs would originate in ground studios and be "beamed" laying high-frequency, wide-band to planes in much the manner of military radar for relaying and broadcast. The "beamed" planeto-plane connections would form

a nationwide network. The plans call for all-metal, low-wing monoplanes almost as large as the B-29 but weighing only one-third as much. They would cruise at less than 150 miles an hour. Two planes would be in the air at all times at each location - - one broadcasting and relaying, the other standing by to take over in an emergency. Each plane would carry a flight crew of three, and six radio technicians.

The eight planes in the proposed stratovision relay system would fly over New York, Pittsburgh, Chicago, Kansas City, Curtis, Neb., Leadville, Colo., Salt

By adding six more planes over Durham, N. C., Atlanta, Memphis, Christmas scenes. Bessie Meyer, Dallas, Sacramento and Portland, Bob Elmore and Art Richardson Ore., Westinghouse estimates, it painted the "Flight Into Egypt." would be possible to provide Each room has a large Christmas stratovision coverage for 51 per tree, the decorations being made cent of the nation's area and 78 per cent of its population.

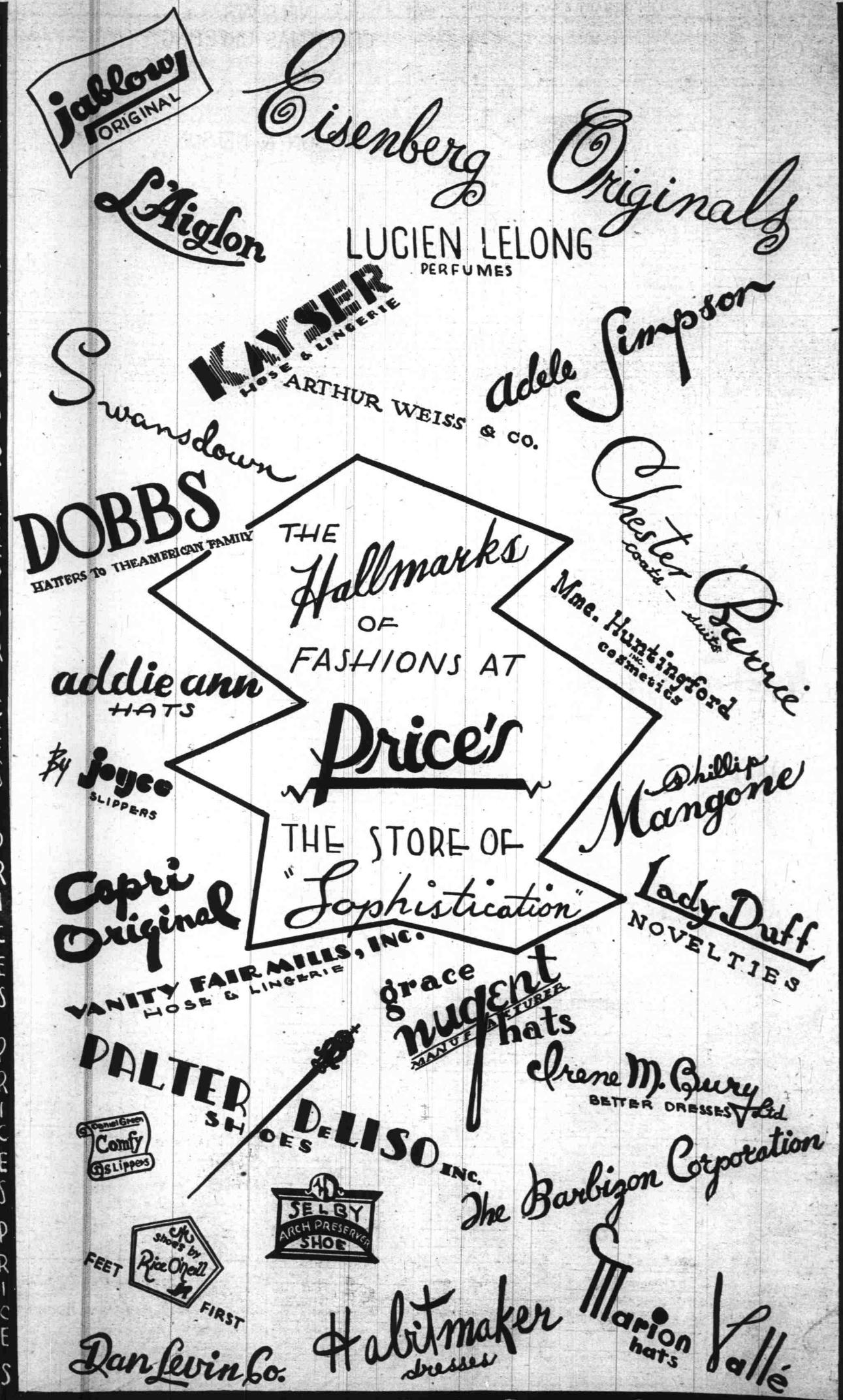
The FCC has okayed stratovi-

The Bell System plans long disprogram Friday afternoon, after tance television by cable. What which school was dismissed un- Bell calls a "coaxial cable" is designed to carry large numbers of The school has just recently telephone conversations. It also collected 3000 pounds of waste is suitable for transmitting tele-

Another method of transmitting

multiple telephone channels and television, called radio relay, is under development by Bell engineers. An experimental system waves are "bounced" from one apart.

sent programs from Washington eon Corp., General Electric, Inter- America.



In charge of Dr. Fred Pageler, Registered Optometrist. Associate Registered Optometrists: Dr. M. J. Kelly, Dr. Fred E. Chambers, Dr. Wm. L. Stephenson, Dr. M. Burton, Dr. Emma Spitzer, Dr. Harry R. Scribner and Dr. Robert A. Golden,



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