

Jet Plane Travel Fast Approaching; Will Shrink World by 40 Per Cent

Long Distance Flight Times To Be Nearly Halved

Washington — (U.P.) — Jet travel is coming fast.

In a few years long distance flight times will be nearly halved; New York to London in six hours, 45 minutes; New York-Paris, seven hours; Tokyo-Seattle, less than 10.

The U. S. military has been using jet power for a decade. Now major American air transport companies are betting \$1,000,000,000 on jet flight for civilians.

They expect jet service to start in 1959, or 1960. They expect it to be regularly established in 1961.

Federal officials who police the skyways, believe the airlines are betting on a sure thing. Civil Aeronautics Administrator Frederick B. Lee told the United Press: "The public is going to demand the speed and comfort of jet travel."

Other CAA and industry sources say jets will revolutionize air transportation.

The Meaning
U. S. airlines in recent weeks have placed multimillion-dollar jet orders with three American plane builders. Foreign orders also are coming in. The jet age will mean:

For the public: The fastest, smoothest travel yet. No noise, except a soothing hum hardly audible except in the rear seats. Flight seven to eight miles up, far "above the weather."

For the aircraft industry: A measure of independence from military patronage. Now that the plane makers have a billion-dollar backlog of civilian orders, "peace could bust out all over" a government official said "without throwing the aircraft industry into depression."

For the airlines: A rich boom in "induced travel." Executives with only hours to spare for travel will be able to cross continents or oceans on business. Foreign ministers will be able to get together oftener. Jet flight will shrink the world 40 per cent.

The Builders
U. S. jet makers are Boeing, Douglas, Lockheed. The Boeing 707 and Douglas DC-8 will be "pure jets" — four-engine swept wing giants carrying 90 to 145 passengers at 550 to 600 miles an hour.

Lockheed's entry is the turbo-prop Electra. It will use jet power not for direct thrust but to turn propellers. This four-engine craft will carry 5 passengers at speeds up to 450 miles per hour.

As Lockheed sees it, the big pure jets will fly nonstop trans-ocean and transcontinental routes with perhaps a one-stop Chicago service between the East and West coasts.

Turboprops will bid for business on shorter routes, although the Electra will have transcontinental range. This intermediate business constitutes about 80 per cent of present air service.

U. S. plane builders appear to be the only ones pushing into the long-range pure jet field. The ill-fated British Comet is back in the air after four disastrous crashes of early models. But the four-jet Comet IV won't be able to span the ocean non-stop. The British, meanwhile, have junked plans to build a really long-range jet airliner, the Vickers-Armstrong V-1000.

Official Probes Charge Boy Forced To Eat Soap

Baldwin, N. Y. — (U.P.) — Nassau County District Attorney Frank Gulotta ordered an investigation yesterday into the complaint of a pair of angry parents that a school teacher forced their 10-year-old son to eat soap.

A school official said the boy's mouth was washed out with soap because he used offensive language. The official denied the boy was forced to eat any soap.

HELPFUL FROST

Grand Rapids, Mich. — (U.P.) — The U. S. weather bureau here received an unusual report of a "beneficial" frost from a farmer at nearby Hudsonville. He told the bureau frost left his celery crop undamaged but killed the weeds.

SO Industrial Safety Conference Here Saturday

Melvin L. Murphy, executive director of the Mental Health association of Oregon, will be one of several speakers scheduled for the Southern Oregon Industrial Safety conference at Medford High school Saturday.

Murphy, who is a graduate of Washburn university, Topeka, Kans., and Denver university, will speak on the "human nature" side of accidents. He is scheduled in the morning general session of the conference, at which representatives from all types of industries from Jackson, Josephine and Klamath counties are expected to attend.

At previous safety conferences throughout the country, Murphy has maintained that "injuries happen only to people. The mechanical side of the picture is well-known for the most part. We need to know more about why a man is injured where the machine is not at fault."

Mental Health Programs
Murphy was executive director of the Mental Hygiene society of North Carolina, and has held positions with the University of Colorado Medical school, Kansas State Social Welfare commission and with the Army. He has worked with various industries in the development of mental health programs, including a realistic safety program.

Registration for the conference will start at 8:30 a.m. Saturday. The general public as well as industry delegates are welcome, according to conference officials.

Panel discussion groups on specific everyday industrial safety problems will be held during



MELVIN L. MURPHY Speaker Here

the afternoon. Panels on logging, sawmilling, plywood manufacturing, construction, utilities and for general industries have been arranged.

Morning Speakers

Besides Murphy, other morning speakers include William Calahan, chairman of the state industrial accident commission; L. O. Arens, commissioner representing the public; and G. Scott Kallenbaugh, director of the commission's accident prevention division.

Officer Joe Haystead of the Oregon state police will speak on traffic safety in the morning session.

Saturday morning there will

be demonstrations by Fred Owens of the Pacific Telephone and Telegraph company, on prevention of back injuries, and by the utility section of the conference on pole top resuscitation. The latter is a method used in administering artificial respiration to victims of electrical shock while they still are in position on the pole.

Turtle Club Award

An award by the Turtle club will be presented a utility workman who has had his life saved by wearing a hard hat during work. The presentation will be at the morning session.

Afternoon sessions will be devoted to panel discussions. Panels and principal speakers include:

Logging—I. W. Gervais, logging contractor from Medford.
Sawmill—William Brunt and Hugh Moulton of Bates Lumber company, Merlin, Ore.; A. C. Smith of A. C. Smith Lumber company, Wolf Creek, Ore.; Walter Garner of the Cal-Ore Machinery company, Medford; Earl Bruning, Elk Lumber company, Medford.

Plywood — Fred Underwood, assistant superintendent Timber Products Veneer plant, Medford; George Maynard, safety committee chairman, Southern Oregon Plywood corporation, Grants Pass; Robert Eastwood, field representative state industrial accident commission, Wilderville;

2 Marine Dive Bombers Believed Down at Sea

Honolulu — (U.P.) — Two Marine dive bombers were believed down at sea today after vanishing on a local training flight from Kaneohe Air station on Oahu island.

Pilots of the two AD4 Sky-raidiers took off at 6 p.m. and were due back two hours later. Each plane carried enough gas to remain in the air five hours.

Eight planes were ordered to search for the missing bombers.

and Dr. Elliott Harlow, Medford, who also will speak on Dermatology.

Construction Panel

Construction — Ken Nottingham, general manager Midcoast Painters Inc., Medford; Edward Webber, president state council of carpenters, Portland; Leland Mentzer, manual training instructor, Medford High school; and Homer Bell, manager of Tru-Mix Concrete company, Medford.

Public utilities—Fred Owens, Pacific Telephone and Telegraph company, Portland; Elmer Biegel, Ashland city manager; Frank Little, Pacific Telephone and Telegraph company, Medford; Hans Holt, plant engineer, Medford corporation; and C. C. Haggard, safety director, California Oregon Power company, Medford.

Atomic Energy for Meat Flavor Studied

Davis, Calif. — (U.P.) — Scientists are experimenting with atomic energy to sterilize and improve the flavor of meat.

Aloys L. Tappel, assistant professor of food technology at the University of California's Davis campus, is using radiated meat to measure any possible changes in color, vitamin content, and taste of beef, pork, poultry and fish.

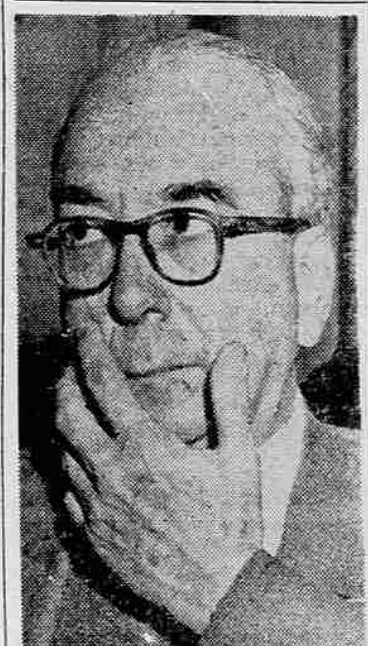
So far he's learned that high levels of radiation do change the color and flavor. Very low levels do not sterilize the meat, though the flavor is not unfavorably changed, he said.

To be practical, Tappel said, the radiated meat must taste and look like fresh, untreated meat, and it must be nutritious.

Tappel is using samples of meat treated at Arco, Ida. There it is radiated with gamma rays given off from the U. S. Government's atomic power plant.

General, including automotive industry, machine shops, wood-working plants, and other industries — Fay Bristol, president Bristol Silica company, Rogue River; Ray Bitter, safety director Ideal Cement company, Gold Hill; LeRoy Williams, first aid chairman of Jackson County Chapter of American Red Cross; and C. D. Larson, operations superintendent Pierce Freight Lines, Medford.

A noon luncheon in the high school cafeteria is planned.



TESTIFYING on Dixon-Yates power contract before Senate committee, Admiral Lewis Strauss, AEC chairman, says he must be guarded in revelations because of pending lawsuit.

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Tear Gas Breaks Up Demonstrating Horde Of Georgia Students

Athens, Ga. — (U.P.) — Police and troopers used tear gas to break up a yelling throng of more than 1,500 University of Georgia male students during a campus demonstration early today.

State highway patrolmen arrested two students and discharged tear gas among the swirling horde of demonstrators who blocked traffic, threw rocks at patrol cars and hung effigies of a university dean.

This was a fifth campus demonstration to be staged in the state since Gov. Marvin Griffin proposed that Georgia Tech be forbidden to play in the Sugar Bowl game Jan. 2 because of rival Pittsburgh's Negro fullback, Dean of Men Target.

The State Board of Regents, governing both institutions, voted after Tech's riotous protest to permit the Sugar Bowl game. The board is still debating precise terms for enforcing the segregation traditions in future athletic contests.

The regents ordered strict segregation in contests played within the state with some tolerance of racial mingling according to the "ground rules" of the localities involved in out-of-state games.

Must Follow Policy*

The regents' opinions appear to favor letting the athletic officials of Georgia and Georgia Tech schedule future games without direct interference so long as they follow that general policy.

Regent Charles Bloch said late Tuesday he wanted to reconsider a proposal he made for setting up a "screening" of all prospective bowl games by the regents to safeguard the board's policy toward mixed athletics.

Actor Pat O'Brien Wins Government Tax Fight

Hollywood — (U.P.) — Actor, Pat O'Brien has won a \$206,000 tax fight with the federal government, according to his attorney, Frank W. Mahoney.

Mahoney said a tax court ruled O'Brien was correct when he reported his shares of assets in Terneed Production, Inc., as a capital gain instead of personal income. The company was dissolved in 1944.

The beaver has the swimming power more highly developed in his hind feet than has any other quadruped.

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