

Transportation Of 'Delicate' Electronics Poses Problems

By ELMER C. WALZER
UPI Staff Writer

NEW YORK (UPI)—One of the biggest problems of the makers of delicate electronic instruments has been to get them to their destinations. Solution of that problem has built a new industry.

Many electronic devices are so delicate that they cannot stand shock, changes in climate, dampness and myriad other seemingly little inconveniences. They are mighty temperamental gadgets.

So Cargo Packers, Inc., of Glendale, N.Y., sprang up to take the packing and shipping tasks off the manufacturers' shoulders.

Cargo Packers went about its new business in an scientific manner as the manufacturers produced their electronic devices. It

has successfully packaged and shipped shock-proof and climate-proof packages containing more than \$100 million of electronic devices to all parts of the world.

Each different device to be shipped is studied in the firm's research and testing laboratories. When a packaging problem is tackled, dummy samples of the item to be packed are constructed by the model making department. They are then subjected to exhaustive tests for shock, vibration, heat, cold, moisture, contamination, crushing, piercing, abrasion, and pilferage.

Results Analyzed

Graphic recorders tell what is happening inside the package. Results are carefully analyzed and checked before a final decision is

made on the type and design of cushioning or container materials. The firm makes sure inert cushioning materials guard against contaminating the product. Of course, there's the problem of weight to cope with. The firm keeps the cushioning material to a weight less than the product and makes the package compact to save valuable cargo and storage space.

Cargo Packers has pioneered in the use of plastic encapsulation and foam plastic as light as air.

An example of a recent development of elimination of corrosion in packaging precision bearings is a so-called "white room" the interior of which reputedly surpasses drug and food facilities.

This white room was adopted to meet specifications of the naval engineering and experiment station in Annapolis, Md. after tests involving three and a half years of field use at sea.

Transparent Cases

Spare parts were packaged in ultra-pure environmental conditions in transparent cases. The method eliminated the need of opening the packages to see what they contained, thereby exposing them to corrosive influences.

J.B. Kupersmit, president of Cargo Packers, designed the "white room" which has incorporated into its design the vital elements necessary to insure against contamination, such as a dust free atmosphere, humidity and temperature control and elimination of corrosive gases.

Workers in the room wash their face and hands in the locker area, enter a restricted decontamination room where they further cleanse their hands and place them under a hot-air dryer which projects ultra-violet rays for further cleansing. They don special protective clothing, including plastic booties and rubber gloves and then enter the "white room."

Air pressure within the "white room" is greater than that in the decontamination room to enable air to rush out rather than in when the door is opened.

Ex-Fighter Who Killed Man With Fists Shot In Prison

FLORENCE, Ariz. (UPI)—A former golden gloves boxer from Montana who killed a man with his fists was shot and killed early today by a guard during a break-out attempt at the state prison.

Warden Frank Eymann identified the victim as Paul Francis Hendricks, 25, who was serving a term of 5 to 10 years for manslaughter in Tucson, Ariz.

Two other inmates also attempting to scale the north fence surrendered when the guard shot Hendricks in the back.

The guard was Jose R. L. Estrada. The other inmates were J. D. Rice, 20, a burglary convict, and Robert Tyrey, 18, who was serving terms for receiving stolen property and for grand theft. They were placed into solitary confinement for 30 days each.

Both were convicted in Phoenix. Hendricks' body fell into the yard.

Hendricks, a former airman from Davis-Monthan Air Force Base near Tucson, was on top of the barbed wire fence 20 feet high when the guard fired a warning shot, Eymann said. The next bullet struck the convict.

Hendricks' mother is Mrs. M. Erlanson, Missoula, Mont.

After a five-day trial in Pima County Superior Court at Tucson, Hendricks' body fell into the yard.

Helicopter Checks For Families On Snowbound Farms

WESTCLIFFE, Colo. (UPI)—An Army helicopter crew made a systematic check today for stranded families on snowbound farms and ranches across the wet mountain valley in southern Colorado.

At the same time crews using snowplows, Army weasels and other heavy equipment resumed efforts to open snow-clogged rural roads so rangers could haul feed to thousands of head of cattle and sheep stranded on summer ranges.

Ten persons were brought out of the valley rimmed by the Sangre de Cristo Mountains Sunday by helicopter. Among those rescued were the Don Hanson family, including the Hanson's 4-month-old daughter.

The Custer County sheriff's office said apparently most of the persons isolated had plenty of food and other supplies. No deaths or injuries have been reported.

Most of the valley has been cut off from civilization since the storm struck last Monday night. Four feet of snow fell during the five-day storm. Telephone communications, temporarily restored Saturday, failed again Sunday night. Crews hoped to have lines repaired early today.

Sunny skies and warmer temperatures returned to the area today.

Rebekah Lodge Of Wallowa Holds Meet

WALLOWA (Special)—The Rebekah Lodge held its district meeting at Lostine recently. Carnation Rebekah Lodge of Wallowa staged a special drill and won a prize for having the largest attendance at the gathering, 16 persons.

Mrs. Ruth Vose of Portland, president of the Rebekah Assembly, and Mrs. Loretta Emerson of Richland, the vice president, attended. The Lostine Neighborhood club served dinner.

Negotiations Off

NEW DELHI (UPI)—India has notified Red China that there will be no negotiations for a settlement of their border dispute while Communist troops remained on Indian soil.

In a firmly-worded note delivered Saturday in Peiping, Premier Jawaharlal Nehru also advised the Reds that they will have to cease their "threats and intimidation" if they want border talks with India.

ON HONEYMOON

HOLLYWOOD (UPI)—Television emcee Art Linkletter's daughter, Dawn, 19, and Air Force Lt. John Zwyer, 23, were honeymooning today aboard a private yacht in Mexican waters. They were married Sunday.

GATES
INDUSTRIAL PULLEYS
AND BELTS

YOU CAN BUY BETTER IN LA GRANDE

Industrial Machinery & Supply
1410 Adams Ph. WO 3-4623

Khrushchev Remains In Vladivostok Port

MOSCOW (UPI)—Soviet Premier Nikita S. Khrushchev remained in Vladivostok today on his surprise visit to that Sea of Japan port.

Government sources here reported that Khrushchev had made a speech in Vladivostok on Sunday, but its text was not yet published here. It was expected to be released later today or Tuesday.

There was as yet no official explanation why the premier flew to Vladivostok from Peiping Sunday instead of returning direct to Moscow, nor of how long he intended to stay there.



Housewarmer service cuts heating costs three ways

More heat per gallon from Standard Heating Oils because they're custom-tailored for today's heating systems.

More heat from your furnace because Standard's exclusive Detergent-Action Thermostat keeps your burner clean—keeps it working properly.

More efficient service because your Housewarmer's tips on heating can cut heat waste, save money. And no interest or carrying charges with our budget payment plan.

For prompt HOUSEWARMER service, call
R. LISLE SMITH
La Grande, Oregon Ph. WO 3-5711

Market Quotations

PORTLAND DAIRY
PORTLAND (UPI)—Dairy market:
Eggs—To retailers: Grade AA extra large, 53-58 doz.; AA large, 49-51c; A large, 46-48c; AA medium, 39-41c; AA small 25 - 26c; cartons 1-3c additional.

Butter — To retailers: AA and grade A prints 70c lb.; carton, 1c higher; B prints, 68c.

Cheese (medium cured)—To retailers: A grade cheddar, single daisies, 41-51c; processed American cheese, 5-lb. loaf, 40-43c.

Wheat: 2 red 194N
Corn: No. 1 yellow 121 1/4; 2 yellow 120 1/4-121 1/4; 2 yellow like billing 420; 3 yellow 119 1/4-120 1/4; 4 yellow 115 1/4-119; 5 yellow 113 1/4; sample grade yellow 110 1/4.

Observer, La Grande, Ore., Mon., Oct. 5, 1959 Page 3

Oats: 1 heavy white 7 1/2; 1 extra heavy white 7 3/4; 2 extra heavy white 7 1/2-7 3/4; 2 extra grade heavy white 6 1/2.

Rye: 2 plump 139N
Barley: Maltng 118-120n; feed 88-105N
Soybeans: 1 yellow 214 1/4.

PORTLAND LIVESTOCK
Cattle: 1000; includes 10 head fed cattle; trade moderately active, about steady on reduced supplies; short load average choice around 105 lb. Idaho fed steers 23-50; 20 head load mostly good with few choice 1131 lbs. 27-50 with 4 head at 26-50; small lots utility and standard steers and heifers 10-22; canner and cutter cows 10-12; heavy cutters to 14-50; utility cows scarce; cutter bulls 18-21; few utility 22-22-50.

Calves 200; moderately active, steady; good and choice vealers 27-32; utility and standard 19-29; culls downward to 12; scattered lots good and choice stock calves 24-28-50; 15 head lots 530 lbs. 26-50.

Hogs: 1250; trade moderately active on U.S. 1 and 2 butchers; steady to 25 cents lower; other classes slow; few sows steady; U.S. No. 1 and 2 butchers 100-235 lbs. 15-50 - 15-75; few around 100 lbs. down to 15; No. 1 and 2 sows 200-325 lbs. 11-50-13; mixed 1, 2 and 3 lots 450-550 lbs. 9-11.

Sheep: 1500; trade moderately active on slaughter lambs; about steady; feeder lambs slow in developing; ewes steady; several lots high good and choice 86-102 lbs. woolled lambs 19; few good and choice lots 18-50-18-75; one lot high good and choice 95 lb. No. 1 pelt lambs 18-25; other good and choice short lambs 17-50-18; utility and good slaughter ewes 3-5.

N. Y. STOCK MARKET
NEW YORK (UPI)—Strength in DuPont and General Motors shares sustained the stock market today in the face of selling in many sections of the list.

At their tops, General Motors and DuPont rose to the amount of one billion dollars on the basis of shares outstanding.

Chemicals were higher with gains ranging to more than a point in Allied Chemical and Union Carbide. In the drugs Vick Chemical rose 4 points and held most of the rise.

At their best levels, DuPont scored a gain of more than 4 points and General Motors was up more than 2.

However, the general list failed to follow these stocks. There was a tendency to take profits run up in recent sessions.

Automobile issues fell off with losses ranging to more than a point in American Motors.

Oil shares retreated by as much as 2 1/2 points in Gulf Oil. Amerasia set a new for the year. Steels generally were easier. Texas Instruments left the electronics behind with a gain of 2 points.

DEDICATES LAW CENTER
CHICAGO (UPI)—Vice President Richard M. Nixon arrives here today to dedicate a new law center at the University of Chicago.

NOW! \$50⁰⁰ to \$150⁰⁰
in
FROZEN FOODS
with your purchase of an
Admiral Freezer
you SAVE on
Appliances and Furniture
at
La Grande Furniture Warehouse
EAST ADAMS AVENUE

Standard Heating Oils

Housewarmer service cuts heating costs three ways

More heat per gallon from Standard Heating Oils because they're custom-tailored for today's heating systems.

More heat from your furnace because Standard's exclusive Detergent-Action Thermostat keeps your burner clean—keeps it working properly.

More efficient service because your Housewarmer's tips on heating can cut heat waste, save money. And no interest or carrying charges with our budget payment plan.

For prompt HOUSEWARMER service, call
R. LISLE SMITH
La Grande, Oregon Ph. WO 3-5711



Another Founder's Days Feature!

5 Days Only

FOR THE PRICE OF

Women's Shoe SALE!

USE YOUR CHARGE ACCOUNTS
All Sales Final . . . No Returns or Refunds

Famous Brands!

- Queen Quality • Connie
- Arro Tred • Naturalizer
- Williams • Dion Corrini
- Beau Tred • Lifestride
- Grace Walker

In Wanted Styles!

FLATS . . . WEDGES . . .
PUMPS . . . HEELS

MATERIALS—kid leather, calf leather, suede, pig-skin, buck leather, crepe soles, leather soles, rubber soles and composition soles.

COLORS—tan, red, white, brown, black, grey, light tan, light grey, smoked elk, lime, blue, creme, pastel blue and tan corkette.

BY ACTUAL COUNT, **225 PAIRS!** ALL MUST GO!

You Get 2 PAIRS For the Price of 1 PAIR

PRICE RANGE **3⁹⁸** to **14⁹⁵** PR.

Remember . . .
This Founder's Day Feature Ends Sat. Oct. 10

SHOP FALK'S I.D. STORE FIRST