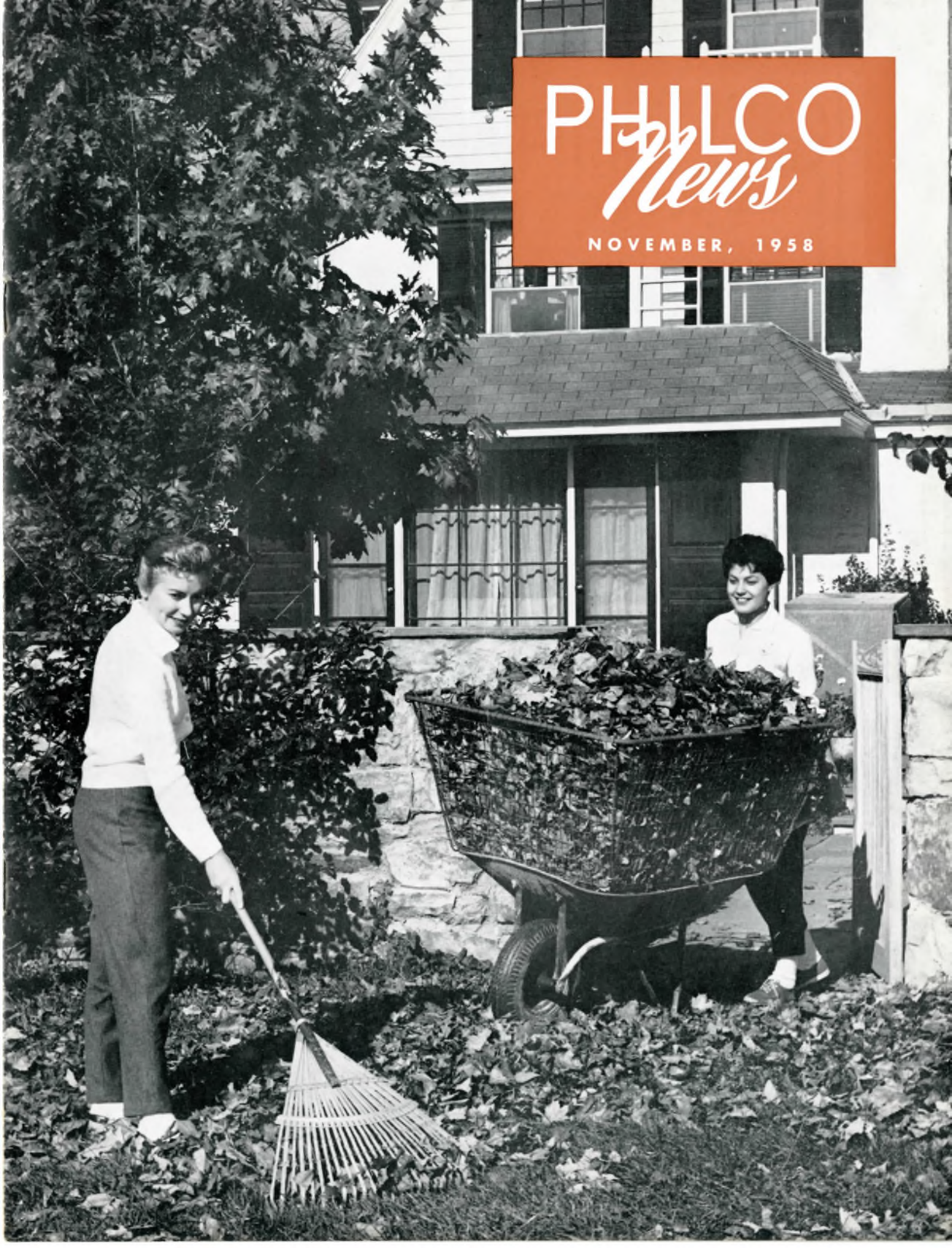
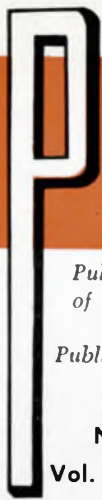


PHILCO *News*

NOVEMBER, 1958





PHILCO NEWS

Published for Employees of the Philco Corporation by the Public Relations Department

MARK LUTZ, Editor

NOVEMBER, 1958

Vol. 16

No. 9

HELP KEEP THE THINGS WORTH KEEPING

Families get together every year and give thanks. It's an American custom we all love—from grandma and grandpa down to the little girl who sits up high at the table on a dictionary.

Family life is such a precious part of peace. But like so many things we give thanks for, peace doesn't come easy. Peace costs money.

Money for strength to keep the peace. Money for science and education to help make peace lasting. And money saved by individuals.

Your Savings Bonds, as a direct investment in your country, make you a Partner in strengthening America's Peace Power.

The chart below shows how the Bonds you buy will earn money for you. But the most important thing they earn is peace. They help us keep the things worth keeping.

Think it over. Are you buying as many Bonds as you *might*?

HOW YOU CAN REACH YOUR SAVINGS GOAL WITH SERIES E BONDS

(in just 8 years, 11 months)

<i>If you want about</i>	\$2,500	\$5,000	\$10,000
<i>each week, save</i>	\$4.75	\$9.50	\$18.75

This shows only a few examples. You can save any sum, buying Bonds by Payroll Savings or where you bank. Start your program now!

PHILCO-ITES NEW OFFICERS OF LOCAL ASSOCIATION

Frank D. Langstroth, Marketing Manager — Government Products, Philco G and I Division, has been elected President of the Philadelphia Chapter of the Armed Forces Communications and Electronics Association.

Newly elected Secretary is Conrad Young, Manager — Government Contracts.

Vice Presidents elected for the coming year include Col. E. L. Littell, Commanding Officer, U. S. Army Signal Supply Agency; Col. J. K. Warner, Commanding Officer, Philadelphia Air Procurement District; and Capt. F. S. Stich, Supervising Inspector of Naval Material.



Mildred Chrupcala, secretary in the Advertising Promotion Services Department, Plant #2, is Philco's representative on a Career Council composed of business girls from leading firms in the Delaware Valley.



OUR COVER THIS MONTH—The "Battle of the Leaves," a familiar one in the fall and early winter for suburbanite householders, appears about to be won by (left to right) Peggy Ashton and Bernice Tull, both of Plant 50. The Graphic Arts Service Department, Plant 54, furnished the picture.

YOU ARE THE KEY MAN

A corporation may spread itself over half the entire world. It may employ 100,000 men, but the average person will usually form his judgment of the company on the action of a single employee. If the employee is rude or inefficient, it will take a lot of kindness and efficiency to overcome this one bad impression. Every member of an organization thus becomes the most important member of that organization more often than he thinks.

The Council, sponsored by Lit Brothers, was organized to provide a panel of business girls who could meet with fashion buyers, talk over wardrobe topics and bring the group's ideas back to their fellow employees. As Philco's representative on the Council, Millie attends meetings, takes part in style shows at Lit's 8th Street store and receives monthly bulletins on fashion topics for distribution to other Philco employees.

The Bell Telephone Company and the Philadelphia Electric Company are among the fifteen firms with representatives on the Council.

They call it legal tender,
That green and lovely stuff.
It's tender when you have it,
But when you don't—it's tough.

GEN. BURNSIDE JOINS PHILCO AT WEST COAST LABORATORIES

Major General Merrill D. Burnside, U. S. Air Force, Retired, has joined Philco as special corporate representative on the West Coast, James M. Skinner, Jr., President, has announced. General Burnside will be located at Philco's Western Development Laboratory in Palo Alto, California.

Prior to his retirement from the service in September General Burnside was Director of Maintenance Engineering, Air Materiel Command. During World War II he served as Chief of Staff for the fifth Bomber Command in the Southwest Pacific, and during the Korean conflict was Deputy for Materiel of the Far East Air Forces Unit headquarters in Tokyo.

General Burnside was at one time Air Force Secretary of the Research and Development Board, Office of the Secretary of Defense. His awards include the Distinguished Service Medal, the Legion of Merit with Oak Leaf Cluster, the Air Medal and the Commendation Ribbon with Oak Leaf Cluster.

PHILCO APPLIANCES IDEAL FOR NEW MOBILE HOMES

Philco has announced its decision to put its experience in the home appliance field at the service of the mobile home industry.

A special department has been established to handle this activity, headed by John L. Utz, General Manager of Special Market Planning. Working with him is Robert C. Digges, Manager of Special Sales, who will be responsible for sales of Philco products to mobile home manufacturers. Continuing emphasis will be placed on working with the Mobile Home Manufacturers and Dealer Associations to help foster the growth of the industry.

Top Philco officials expressed the conviction that the Company's full line of home appliances is tailor-made for the mobile home manufacturer and the mobile home owner. The line features such Philco exclusives as the Duomatic washer-dryer, the Split-level oven and the new "Predicta" television receivers. Product design engineers have visited Mobile Home Manufacturers to work with their Product Design engineers on the installation of appliance products, television and high fidelity in mobile homes.

(Continued on page 5)



A new automatic gas clothes dryer which literally "senses" when clothes are properly dried, shown above, was displayed recently in Atlantic City by Philco at the American Gas Association convention. The Philco exclusive feature on this automatic gas dryer is a patent applied for automatic control system. With this control system any clothes load in terms of weight, mixture of fabrics and types of garments is dried completely and automatically to a water retention of approximately 5%. The system is thermostatically controlled and does not rely upon humidity measuring devices. The gas input is 24,000 BTU and the gas pilot operates at 450 BTU. A mixed 18-pound wet load of clothes will be dried in 40 minutes and average loads will dry in 30 minutes or less. The heat input and airflow are so balanced that the regular operating clothes temperature is within the range of 150 to 155 degrees (Fahrenheit). This is the correct temperature for maximum dewrinkling benefits for synthetic fabrics. Above is Model DG-698.

MAKING IT EASIER

Machines perform more than 93 per cent of the hard work in our country's amazing industrial production, and a great deal of the light work in factory and home.

To mow lawns, cut whiskers, beat up eggs, and do other domestic, industrial, and recreational small jobs, manufacturers turn out more than 30 million small engines and electric motors each year.

HAPPY YULE ENTERTAINING WITH A HOLIDAY BUFFET

By ADELAIDE FELLOWS
Philco Director of Home Economics

Open House on Christmas Eve or New Year's Eve is a warm, hospitable way to entertain. Easy on the hostess, too, because most of the foods may be prepared days, or even weeks, in advance.

Modern kitchen appliances, like Philco's refrigerators, freezers, ranges, make light work of baking traditional cookies, turkeys or hams. Modern transportation methods make available food delicacies from all over the nation to grace the festive board. So why not make Holiday Buffet—U. S. A. the theme for a repast to be served following midnight services on Christmas Eve, or after your guests have finished merrily welcoming in the New Year?

Christmas Conversation Piece

Wassail Bowl Oyster Stew
Baked Ham—Cranberry Glaze
Avocado Halves with Cranberry Sherbet
Tray of Fruits Assorted Christmas Cookies
Coffee

A lively, lovely decoration to grace the center of your table can be easily and economically made as follows:

CHRISTMAS CONVERSATION PIECE

To each 1 quart of water, add
4 teaspoons granulated citric acid
4 teaspoons baking soda
Drop or two of red or green food coloring
8 to 10 mothballs to 3 quarts of water
Place all ingredients in a large glass bowl
Float one large poinsettia blossom on top

Chemical action keeps the mothballs in motion and your guests guessing as to how it is done.

Our Pennsylvania Dutch friends are responsible for this appetizing recipe:

WASSAIL BOWL

2 quarts apple cider
2 sticks cinnamon
10 whole cloves
1 small nutmeg
1 piece ginger root (optional)
2 oranges (juice)
2 lemons (juice)
1 teaspoon brown sugar

Simmer apple cider and spices for two hours. Add juice of oranges, lemons and sugar. Serve hot from punch bowl or in mugs with cinnamon sticks for stirring.



Lions International Councilor William Sallus, left foreground, presents gavel of office to Robert Lukens upon his taking office as President of the Willow Grove Lions Club. Except for three years in the U. S. Navy during World War II, Robert Lukens has been a member of the Engineering Department of Philco since 1942. He is presently Project Engineer for AN/TRC-24 and AN/GRC-81 Radio Relay Equipment made by Philco Government and Industrial Division for the U. S. Signal Corps.

Oyster stew is traditionally served at Christmas time in some sections of New England and the Middle West. Whether you like it made with all milk, or half milk and half cream, a steaming tureen makes a heart-warming beginning to the midnight meal. Pre-heat serving bowls or cups in your automatic dishwasher (follow manufacturer's direction in the use and care manual), to assure having the stew piping hot for your guests. Using your Philco dishwasher for preheating plates is a good trick any time of the year.

In the South, holiday buffets include ham as well as turkey. A whole ham, with Cranberry Glaze, decorated with poinsettias made of pimentoes for the petals, green peppers for the slender stems and leaves, and a thin round of carrot for the center, makes an imposing main platter.

CRANBERRY GLAZE FOR HAM OR TURKEY

1 pint (2 cups) cranberry juice
2 packages unflavored gelatine

Soften gelatine in ½ cup cold cranberry juice. Heat remainder of juice, then dissolve gelatine mixture in it. Cool until thick as egg white. When ham has completed baking, remove from oven and coat with glaze.

Avocado halves, heaped with Cranberry Sherbet, are favored in the Southwest and make a Christmas-colorful addition to the table.

A tray of fruits from the great Northwest—like Washington Apples and Oregon Pears—and a selection of traditional Christmas cookies, baked well in advance and stored in the freezer, complete the Yuletide Buffet.

Happy Holidays!

DR. THORNTON CHOSEN "CITIZEN OF THE WEEK"

Dr. Clarence G. Thornton, Manager of Semiconductor Product Development for the Lansdale Tube Company, was the recent choice of The Ambler Gazette for "Citizen of the Week." The award was made by the newspaper for Dr. Thornton's contribution to the community and because of the recognition given him by the Belgian government and the University of Brussels in asking him to deliver a paper at an international conference in Brussels on solid state physics and their application to electronics.



Dr. C. G. Thornton
... "Citizen of the Week."

Dr. Thornton's paper, which was illustrated with slides, dealt with a new type of transistor, one adaptable to use in military communications, television and artificial satellites.

A native of Detroit, Dr. Thornton received his B.S., M.S. and Ph.D. degrees in physical chemistry from the University of Michigan in 1944, 1949 and 1952, respectively. He taught at Michigan from 1949 to 1952, worked on a classified project conducted by the Engineering Research Institute of the U. S. Army and spent a year setting up high-speed computing methods for Fourier synthesis and harmonic analysis of sinusoidal functions, involving wave patterns.

ORPHANS TO BE GUESTS OF LOCALS AT YULE PARTIES NEXT MONTH

Christmas parties for more than 800 children from orphanages in and around the city will be sponsored December 13 by Locals 101 and 102, I.U.E., C.I.O. Local 101's party will be in Plant 2 Cafeteria, and Local 102's party will be in the Plant 50 Cafeteria.

A turkey dinner will be followed by entertainment and stage shows, after which Santa Claus will make his appearance with a gift for each of the small guests. Herbert Bernstein again heads the committee from Local 101, Thomas Dooner will be chairman of the committee on arrangements from Local 102.

Philco Appliances Ideal for New Mobile Homes

(Continued from page 3)

All Philco products installed in mobile homes will be protected by the same arrangements for free labor and warranty parts replacement during the warranty period as those covering Philco products in stationary homes. This will be done through the 31,000 members of the Philco Factory Supervised Service Organization of independent service agencies.



Members of the recently formed Philco troop of Boy Scouts of America line up for a photograph following a visit to Plant 10. From left to right they are Vince Evans, Paul O'Connor, Gerry Briggs, David O'Connor, Scott O'Gorman and Joe D'Aquino.

To find out who your closest friends are, try to borrow from them.



UNUSUAL AVOCATION—Some people save stamps, old guns or rare coins, but for Val DiGiacomo—operating a hot dog stand at Connie Mack Stadium is his hobby. During his 18 years at the stadium, Val has seen the victories and misfortune of the former Philadelphia Athletics and the present Phillies baseball club. Val has been with Philco six years and is chief mail clerk at the G & I Division plant.

Nationalist Jets Using Sidewinder

Taipei, Formosa, Sept. 29 — (UPI) — Chinese Nationalist planes have been battling Communist MIGs with American Sidewinder air-to-air missiles, informed sources reported today.

The sources said National F-86 Sabre jets used the missiles on September 24 when they claimed to have shot down ten Soviet-built MIG-17 jets without the loss of a single plane.

It was the first reported use of American air-to-air missiles in modern aerial warfare. The Sidewinder is an almost uncan-ny missile that can seek out a jet by "feeling" the heat trail left by its jet exhaust. It travels faster than any airplane in existence, with an infra-red device sensitive to heat locked on the enemy plane.

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PHILCO SIDEWINDER MAKES THE NEWS

The use of American Sidewinder air-to-air missiles by the Chinese Nationalist planes battling Communist MIGs made newspaper headlines recently.

Philco is the major producer of the Sidewinder missile and it is built in Philadelphia by Philco's Government and Industrial Division. During the past three years, Sidewinder contracts received by Philco totaled over 35 million dollars.

In addition to the news report that the Chinese Nationalists used Sidewinders on Communist MIG jets, the Canadian aircraft trade magazines have revealed that the Royal Canadian Navy has equipped two squadrons of Banshee jet fighters with this deadly infrared guided missile.

Chiang Threat

FORMOSA



ARROWS POINT TO SIDEWINDER MISSILES ON WING TIPS OF F-104A STARFIGHTER

Sidewinder: Phila. Product Aids Chiang

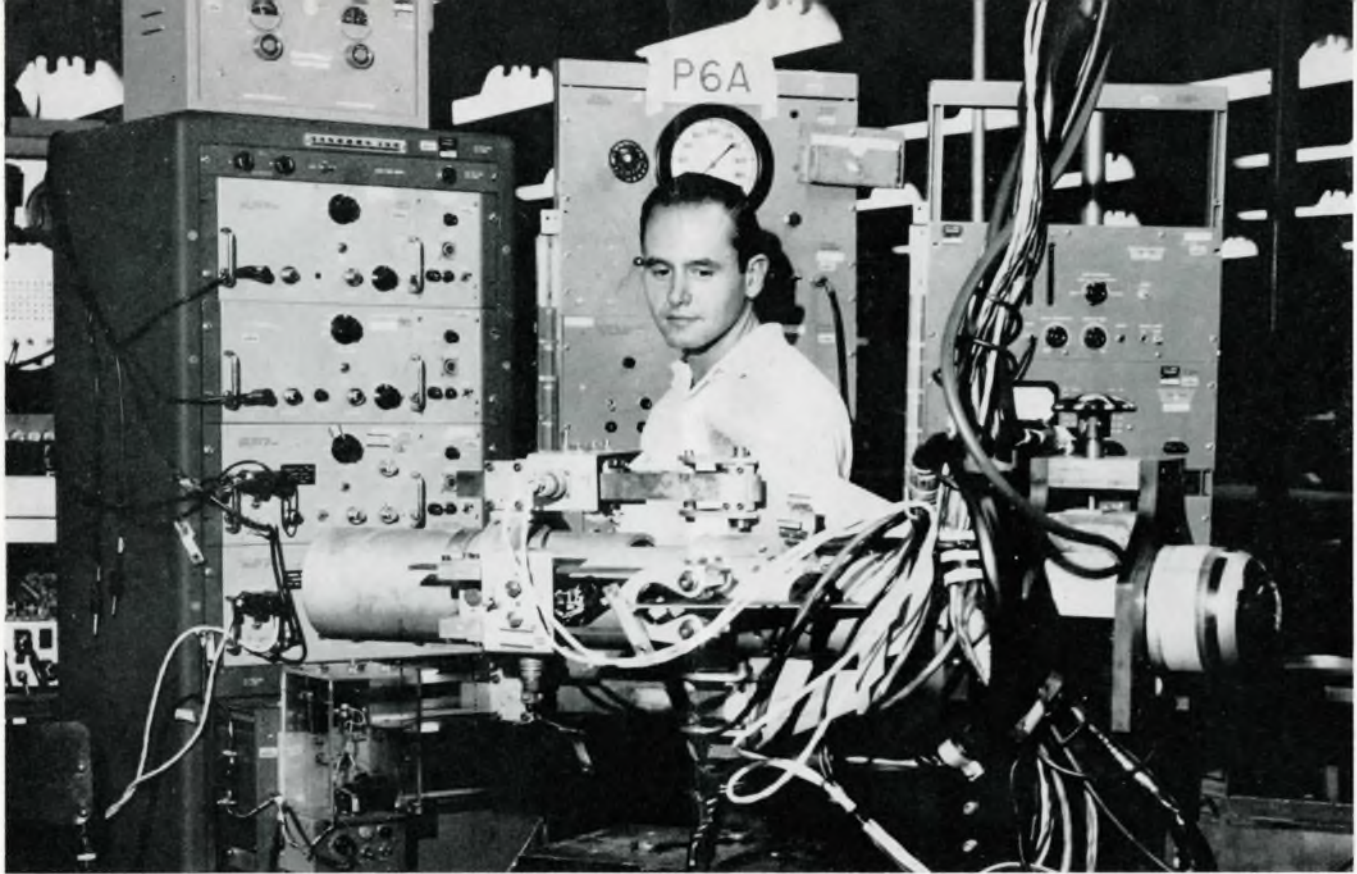
THE Sidewinder, an air-to-air guided missile named for the rattlesnake of the Southwest deserts, is manufactured for the U. S. Government principally by the Philco Corp. of this city, at its Wissahickon ave. plant. Its use by the Chinese Nationalist Air Force against Chinese Communist jets was confirmed yesterday.

The slim, nine-foot, 155-pound missile actually homes in on its target by being attracted to the infra-red heat rays which the target gives off. Used by launching apparatus on the ground, it can knock down enemy planes miles away from its take-off site, at altitudes ranging up to 50,000 feet. But its customary use in the two years since it was put into mass production has been as an

aircraft missile. It is now standard armament for several jet fighters of both the U. S. Navy and the U. S. Air Force, including the F-86, the F-100 and the F-104 interceptors. The United States has equipped the Chinese Nationalist Air Force with F-86s and now is training Chinese fliers in the use of the supersonic F-100.

Sidewinders can be carried in quantity by jet fighters and fired singly or in salvos. No special pilot training or complex launching equipment is necessary. Because the hot exhaust of an enemy jet is the most attractive target for such a heat-seeking missile, Sidewinders can actually zoom into the tailpipes of jet aircraft and destroy them in a fiery explosion. The Royal Canadian Navy has equipped two squadrons of its Banshee jet fighters with the same missile.

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▲ The deadly accuracy of the Sidewinder's infrared "eye" and the missile's complete guidance and control system is checked out on the above simulated flight test equipment at Plant 50 by Albert Yelshin. Philco is the major producer of the air-to-air missile which has been used by the Chinese Nationalist Air Force against Chinese Communist jets.

Both the Sidewinder missile and the desert rattlesnake for which it is named, strike their targets by homing in on the infrared radiations (heat) which the targets emit. Thus, the hot exhaust of an enemy jet becomes the target for this heat-seeking missile. Sidewinders can actually zoom into the tailpipes of jet aircraft and destroy them in a fiery explosion.

The Sidewinder was conceived at the U. S. Naval Ordnance Test Station (NOTS), China Lake, Calif., and developed by Philco and NOTS. The missile has been in operational use for more than two years with the Navy's Sixth and Seventh Fleets and the U. S. Air Force has armed its newest jet fighters, the Lockheed F-104A, with this nine-foot, 155-pound missile which is fully maneuverable at supersonic speeds at all altitudes. Also, the Royal Canadian Navy just recently equipped two squadrons of Banshee jet fighters with this deadly infrared guided missile.

Guidance and control units of the Sidewinder heat-seeking air-to-air missile are shown getting a final check by Edward Cills at the Government and Industrial Division plant before being shipped to the U. S. Armed Forces. These are the first Sidewinder production photos to be released by the Navy Department.





More than forty-four years of combined service at Philco have been run up by the above identical twins—each of whom has been with the Company for the past twenty-two years. Sarah Josephine Cameron (left) and Ellen May Cameron (right) were photographed at work in the wiring area on the third floor of Plant 10 where they are members of Dept. 43-503. Both of the sisters came to work at Philco on the same day in 1934 and both have made enviable records for their interest in quality work and their attendance and punctuality.



The new Mrs. Catherine Lehman—formerly Catherine Stojinski, daughter of Joseph Stojinski of Plant Security—leaves the altar with her groom. The bride is a member of the Tabulating Department in Plant 2.



Edgar Toombs, foreman in the Printing Department, is presented with a wrist watch on behalf of members of his department by Joseph A. Lagore (left), Vice President, Manufacturing, G. and I. Division. Mr. Toombs, who has been with the Company for thirty years, was also presented with a lifetime membership in the Supervisors Club.



The official wedding photograph of Mr. and Mrs. James LaSalle is above. The bride is the former Elaine Rothweiler, Service Division, Plant 8.

Members of the Philco G. and I. Golf Team are (front row, l to r) T. Blanchard, Z. Grayum; second row, same order, J. Crooks, captain; S. Slampyak, J. McIlhenny and R. Thompson; (rear row, l to r) W. Sraka, L. Pisacki, P. Martin, M. Warsing. F. Levicke, also a member of the team, was not present when the picture was taken.



G & I GOLF TEAM NOSED OUT FOR CHAMPIONSHIP

The Philco G & I Golf Team again was nosed out for the Greater Philadelphia Industrial Golf League Championship by the Fraternal Order of Police Team. This is the third year in a row that the G & I team has finished second to the Police and the old saying "often a bridesmaid but never a bride" has real significance to the G & I boys.

Their record for 1958 shows five matches won and one lost and the composite log for three years reveals that G & I team has won thirteen and lost three matches. This is a fine record and the team is more determined than ever that next year they will win the title.



Job improvement suggestion awards are presented to Frank Brauner (second from left), James Burns and Mike Rodgers (far right) by John Donahue (far left), foreman in Dept. 43-503, and Harry Campbell (second from right), Superintendent of Dept. 43-543.

COLLEGE STUDENTS VISIT PHILCO DURING "OPERATION EXPERIENCE"

Philco joined forces with Beaver College, Jenkintown, on November 13, in a program called "Operation Experience."

Two Beaver College students, Miss Margaret McIlhatton, a Business Administration senior, and Miss Marlene Zigman, a junior majoring in Mathematics, spent the full working day at Philco as guests of the Public Relations Department. While at Philco, the students had an opportunity to observe operations in many Company departments, including Accounting, Industrial Relations, Personnel, Computer Application Research and the Technical Reports Group, Research Division.

This is the second such program conducted by Beaver College. "Operation Experience" was designed to give students an opportunity to see business and industry in action. Thirty-four companies in the Philadelphia area and New Jersey participated and a total of 77 students from the sophomore, junior and senior classes were engaged in the one-day program.

The project was conducted as part of the National observance of American Education Week.



The "39th Birthday" of Thomas E. Brown (center) is celebrated with a birthday cake in Plant 10. Mr. Brown, Production Superintendent, Dept. 43-503, has to his left M. Brodsky and Theresa Zadrozny and to his right Jan Kurtz and Helen Mackiewicz.



A farewell party is given Margaret Burns (seventh from left, wearing glasses) by friends on No. 8 belt in Dept. 43-503, on the third floor wiring section of Plant 10. Her supervisor, Jack Connor, is sixth from the right.



Friends of Gwen Davis gather at a party given in her honor in plant 8.



Connie Marr is the guest of honor at a shower given by friends in Plant 8.

Wedding gifts from friends in Facilities Engineering are presented to Virginia Medjeska by Fenton Glazier on behalf of the Department.



Dolores Dickson is honor guest at a shower given by members of the Engineering Process Group at Plant 50.





Lou Bond, retiree, is presented with a letter of commendation for his years of service with Philco, by J. M. Transue, Security Director.

CAPTAIN LOUIS S. BOND RETIRES AFTER TWENTY-FIVE YEARS SERVICE

Lou Bond, Captain of the Guards in the Government & Industrial Division, retired after over twenty-five years' service on October 10, 1958. He is known to everyone and will be remembered by the thousands who were trained for technical services at the former Plant 12 during the Second World War. Bond was in charge of the training school and later transferred to the Government & Industrial Division.

He will reside at Wildwood Villas, N. J., and his place filled with the appointment of George McNeill as Guard Captain. On his last day at work, he was presented with luggage, a gift from members of the department and others, and with a letter of commendation by J. M. Transue, Security Director.

THE UNEXPECTED

A glance at the appalling annual accidental death and injury record makes a person wonder, says the National Safety Council, whether some people do understand the nature of an accident.

One thing certain about an accident is that it is an event that happens unexpectedly. Obviously, if you expect something specific to happen, you can prepare for it. And the only way to be prepared for the unexpected is to be on the alert at all times.

An army going into combat, the NSC observes, must be prepared for the unexpected. If it is not, the results may well be disastrous. However, there is a difference between the unexpected and the impossible. When you drive your car, climb up on your roof, or work with electricity, you don't *expect* an accident—but you know that one is possible.

WHAT'S YOUR ADDRESS?

The Personnel Department should have your correct address.

If you make a change in residence, you should immediately go to the Personnel Department and fill out a change of address form. Only a little of your time will be taken up with this procedure, but it will save a great deal of time for others who may find it necessary to get in touch with you. In the long run, you will benefit by keeping your records up to the minute.



Members of the Computer Research Department and other friends in Plant 2 give a wedding shower in honor of Jane Rock Klein, seated, being presented with a gift by Frank Humphries, Jr., on behalf of the Department.



Birthday wishes are extended Mildred Conrad (with cake) by friends in the Quality Control Section on the second floor of Plant 10.



Fisherman Smith

Alaska is a happy country these days, not only for the people but for the fish. The fish are not particularly concerned with Alaska becoming a State, but they are glad Claude Smith (above), Philco Site Engineer at the 705th ACandW Squadron, is on his way back to the States and won't be around to make any more catches of salmon as shown above. The poor fish don't realize that TechRep Bob Kraft (next column) is still in Alaska and, from the looks of his catch, he will cause the fish as much unhappiness as Smith, who is now assigned to Tinker AFB in Oklahoma.



Fisherman Kraft



Joe Ward, Dept. 43-533, photographed at Miami Beach where he spent his recent vacation.

Hard work is an accumulation of easy things you didn't have time to do when you should have.



The twenty-fifth wedding anniversary of Mr. and Mrs. Fulvio Zancolli was celebrated last month. Mr. Zancolli, a sheet metal worker in the Maintenance Department, and his wife are seated in front of their son, Fulvio, Jr., and daughter, Kathryn.



Joseph Michael Martosella, Jr., is the grandson of Peter Martosella, Sr., an engraver in Test Maintenance Department. Martosella has been with the Company for twenty-seven years.



Janet McCall, the granddaughter of Albert R. McCall, of Dept. 43-503, Plant 10. She is the daughter of David McCall and was born in Germany where her father is in the United States

Air Force. Her mother is a native of Germany. Janet is also the niece of Frank V. Baron, of the Engineering Department at Plant 50.

PHILCO CORPORATION
TIOGA AND C STREETS
PHILADELPHIA 34, PA.



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