

melpar-a-graph

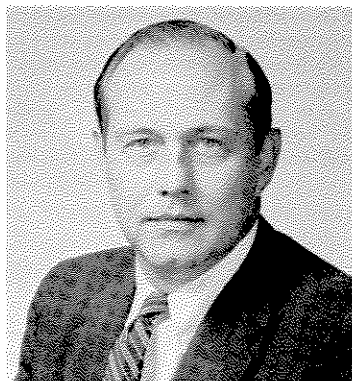
MELPAR, INC.

A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE COMPANY

Volume 12, No. 8

December, 1967

CHAMBERS ELECTED VICE-PRESIDENT AND GENERAL MANAGER



J. PIERCE CHAMBERS

Melpar President Jay V. Wilcox has announced the election of J. Pierce Chambers as Vice-President and General Manager of Melpar. He had been serving as Acting General Manager since January.

'67 Cost Reduction Goal Exceeded

T. D. Kelly, Corporate Treasurer, has announced that Melpar's Earnings Improvement Program, under the direction of A. M. Ross, has surpassed the company's 1967 savings goal of \$750,000 with additional savings still to be counted.

There is still time for employees to make themselves eligible to compete for the 1967 Value Improvement of the Year Award by submitting their suggestions to Mr. Ross.

VIP Honor Roll employees for the month of September include: H. G. Goare, (Personnel), F. L. Hickisch, (Rel. & Q.A.), E. M. Henderson, (Research), P. R. Ratcliff, (Research), V. J. Serafino (Research), B. A. Kreitzer (Material), F. L. Rogusky (Marketing), W. Seward (Marketing), R. S. Boreen (Engineering) and H. D. Vorhauer (Engineering).

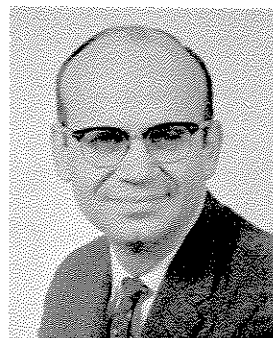
Mr. Chambers joined Melpar in 1947 in an engineering capacity. During the intervening years he was given a number of different assignments and in 1963 was elected corporate secretary.

He attended Virginia Military Institute and the graduate school of engineering at both Harvard and MIT, and served as a Marine Corp officer during World War II.

McLAIN APPOINTED DIRECTOR OF MATERIAL

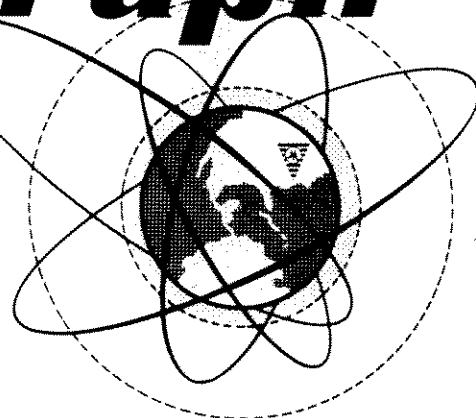
The appointment of John D. McLain as Director of Material has been announced by J. P. Chambers, Vice President and General Manager.

Mr. McLain joined Melpar in 1954 as a Supervisor in the Flight Simulator Planning group. He later served as Senior Procedures Analyst, Purchasing Agent and Program Coordinator.



J. D. McLAIN

In 1965, McLain became Manager of Contract Administration, the position he held until his new appointment. He is a graduate of Notre Dame with a BSME, and has completed all course work for a Master's in Business Administration at George Washington University.



RANGER HAL

COMING SOON! THE CHRISTMAS PARTY . . .
Melpar's Christmas Party will be held on Sunday, December 17th, from 2 to 4 P.M.

Entertainment will feature Ranger Hal, star of WTOP's daily television show for children. He will present two shows, one at 2 P.M. and another at 3 P.M.

Santa Claus will be on hand with toys for the children and refreshments will be served through the courtesy of Marriott Hot Shoppes (Melpar Cafeteria Caterers).

You may bring your camera and take pictures of the festivities if you wish.

To avoid overcrowding, please come at the times shown below:

Last names beginning with initials
A thru J 2 P.M.
K thru Z 3 P.M.

See you at the Party!



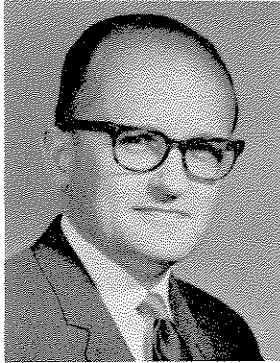
OCTOBER CONTRACTS TOTAL \$995,553

Marketing Vice President S. L. Dance has announced that Melpar received new contracts and change orders to existing contracts in the amount of \$995,553.

October contracts were received, among others, from Dugway Proving Ground, Wilcox Electric, U. S. Army, Ft. Belvoir, Autonetics, NIH, WABCO, CBS Labs, and Naval Ships Systems Command.

Snyder Heads Simulation And Training Department

Ralph W. Snyder has been appointed Manager, Simulation and Training Department, reporting to



R. W. SNYDER

R.E. Miler, Vice President for Engineering. Mr. Snyder comes to Melpar from the Goodyear Aerospace Corporation where he was continuously associated, for over 15 years, with the design and development of simulation and training devices. He held various engineering positions including Chief Project Engineer and Assistant Manager, Simulation Engineering Department.

Mr. Snyder is a graduate of Miami University of Ohio and received his Master's degree in Physics from the University of Michigan. Prior to joining Goodyear he was Assistant Professor of Physics at Oklahoma State University.

Ralph, his wife Mamie, and their two children will be residing in Mantua, Fairfax County, in the near future.

Three New Patents Awarded To Melpar

The United States Patent Office has awarded three new patents to Melpar.

Project Engineer E. M. Connelly was the inventor of the "Simplified Statistical Switch". This invention relates to methods of simplifying trainable logical networks in providing a more efficient training element. The use of the switch will reduce the cost and increase possible applications of trainable devices.

Branch Supervisor Michael Hacs-kaylo was the inventor of "Thin Film Manufacture". This invention concerns the fabrication of thin film diodes by use of a very thin insulating oxide layer, sandwiched between two metals of different work functions. Current-voltage characteristics are those of the Schottky emission mechanism.

Senior Mechanical Engineer Oliver E. Callanen was the inventor of "Motion System for Flight Simulation". This invention relates to a general purpose flight simulation motion system for aircraft training devices. The system provides four degrees of motion (pitch, heave, roll and yaw) in a relatively compact, simple structure having low operational inertia. Conventional systems have generally been limited to only one or two of these displacements heretofore.



BACK AT THE OLD STAND . . . Warner E. Peterson, who retired from Melpar in September 1966, returned to renew friendships with his former co-workers in Publications recently. Mr. Peterson now lives in Brandon, Florida, where he enjoys his leisure time fishing in the many lakes around his home. He made the trip to the Washington area to see his first-born grandchild. Pictured here are, left to right, Jean Berry, George Powell, Mr. Peterson and Lee Denson.

PHOTO BY SAKAMOTO

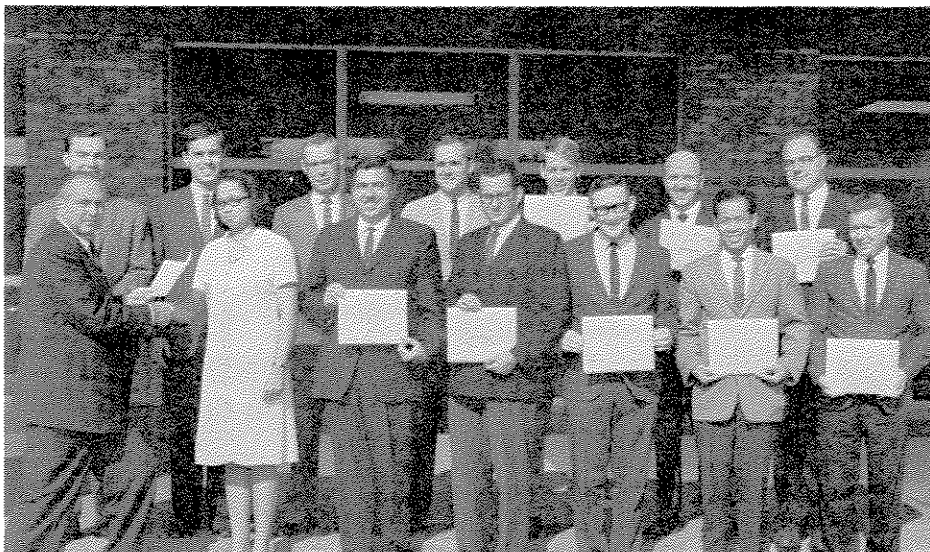
WABCO Products Fly High With Saturn-Apollo Space Shot

The successful Apollo/Saturn V space shot on November 8th was of vital concern to WABCO's Signal and Communication Division at Swissvale, Pennsylvania. As a key sub-contractor to North American Rockwell Corporation, SCD supplied 400 WABCO relays on the space ship. Contracts for this launch and the next 12 to follow total \$750,000.

The relays, 1 half-inch square bits of complicated electronics are in critical areas—in the space vehicles' voice recorder and message clearance system, in the instrument package controlling the guidance and control system and in the abort system which would shut down everything, should things go wrong. These performed with complete reliability in the Mercury and Gemini programs, too. In fact, when one of the Gemini astronauts took a space walk outside his capsule, the control gun he carried was actuated by WABCO relays.

Relays with sapphire bearings have been developed by WABCO Signal and Communications Division, and the Swissvale group reports an order for \$700,000 of them.

One of the world's smallest relays, they are the first to use sapphire bearings and represent a design "break-through" for WABCO.



FORTTRAN IV PROGRAMMING CLASS COMPLETED . . . The latest in a series of company sponsored engineering seminars was recently completed. Conducted by Eugene Kaiser of the Engineering Technical Staff, seventeen employees finished the course and were presented certificates. The class is pictured here, being congratulated by J. P. Chambers, Vice President and General Manager. Left to right, front row: Mr. Chambers, Sandra Jolley, William Vivori, Henry Heckler, Ronald Wilson, Steven Lim, and Fritz Menage. Back row: Malcolm Gibson, Peter Lima, Paul Terry, Leonard Ferris, Charles Kaster, Milton Cooke and Melvin Hunt. John Batluck, Edward Connelly, Elbert Kelly, Roy Schollenberger and Eugene Kaiser were absent when the picture was taken.

PHOTO BY GLITTENBURG

Know Your Company...

This is the first in a series of articles that will appear in the Melpar-a-graph as a matter of interest to Melpar employees, explaining the functions of our various laboratories and departments.

Information Systems Laboratory

The Information Systems Laboratory, under the supervision of Al Revilla, consists of three branches.

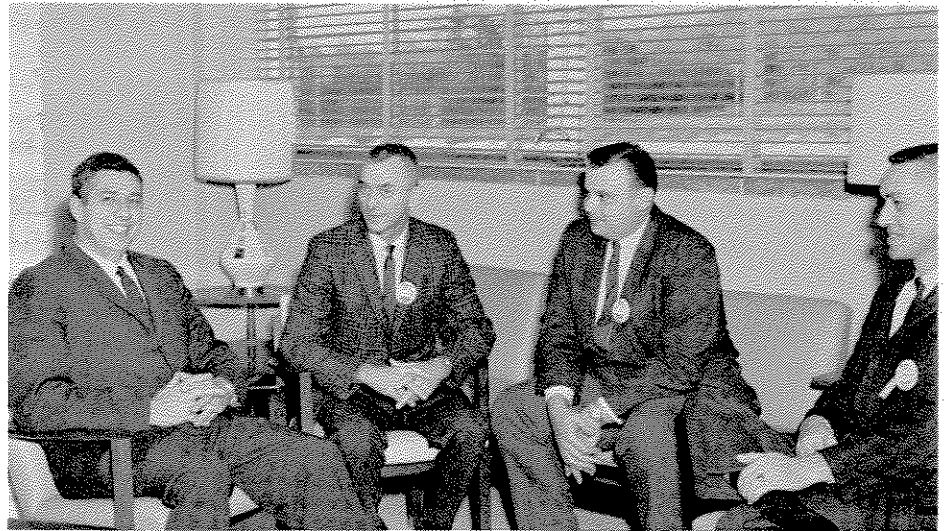
The Data Processing Systems Branch, located at David Taylor Model Basin, is engaged in cataloging, abstracting, and indexing for computer storage and retrieval, Navy R & D documents ranging from the expected technical subjects to physiology and psychology.

The Technical Information Analysis and Evaluation Branch is involved in processing for storage and retrieval, all types of instructional materials for the Job Corps Instructional Materials Screening Project, utilizing a Melpar developed system capable of storing one million documents. Part of their responsibility is to carry out periodic state-of-the-art literature searches and analysis of instructional techniques.

The Technical Information Systems Branch has just completed a contract for the Bibliography of Agriculture. The work involved the translating, abstracting, annotating, classifying, and indexing of 30,000 documents in 12 to 15 foreign languages as well as English. The group is currently preparing computer input for the MEDLARS (Medical Literature Analysis and Retrieval System) Program and the Index Medicus from over 94,000 multilingual documents supplied by the National Library of Medicine.

The Information Systems Laboratory often serves the WABCO family by conducting extensive literature and patent searches and bibliographic complications in various scientific and technical fields. Studies in Fluidics, Gears, Soil Cutting with Rotary Tools, and Application of Vibratory Motion to Soil Cutting have been made recently for WABCO.

Melpar's Information Systems Laboratory has developed, maintains and continues to develop a fine capability for information handling in several research disciplines with a capacity to deal also with other than English language materials.

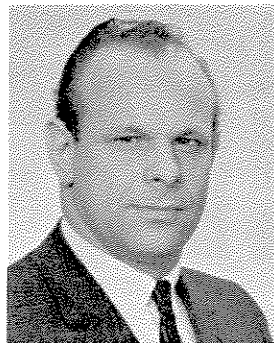


FAIRFAX COUNTY TEACHERS TOUR MELPAR . . . Three Vocational Electronics Education teachers were recent visitors where they gained first-hand information about Melpar's needs for students trained in electronics. They were taken on a tour of the plant by William Vivori of Engineering. Pictured here from left to right are Mr. Vivori, Elmo Adkins of Woodson High, Richard Baush of Edison High, and James Dean of George C. Marshall High.

PHOTO BY SAKAMOTO

ANDERS HEADS SYSTEM SCIENCES CENTER

James Anders has been appointed Manager of the newly established System Sciences Center, reporting to Dr. J. L. Pentecost, Associate Director of Research.



JAMES ANDERS

Mr. Anders will have cognizance over the System Analysis Laboratory and the Information Systems Laboratory, (formerly Technical Information Services).

Mr. Anders joined Melpar in 1966. He was formerly head of the Systems Analysis Laboratory. He received his Bachelors in Civil Engineering from VPI, and his Masters degree in Mechanics from Harvard.

HURLEY APPOINTED ACTING MANAGER—ELECTRONIC RESEARCH CENTER

Fred J. Hurley has been appointed Acting Manager of the Electronics Research Center reporting to Dr. R. Burton Power, Vice President for Research.

Mr. Hurley will continue to head the company's Transportation Systems Center which currently manages a high-speed ground transportation program for the Department of Transportation.

In his new assignment, Mr. Hurley will have overall responsibilities for the various research programs conducted by Melpar within the electronics field.

A graduate of MIT with a Bachelor of Science degree, Mr. Hurley also holds a Master's degree in Business Administration from Harvard.

GOING UP!

October brought promotions to the following:

W. F. Moore to Superintendent, Manufacturing, A. G. Revilla to Manager, Information Systems Laboratory, and W. D. Hixson to Field Buyer Expediter.

A. R. Knight advanced to Biologist, and R. H. Gerber to Senior Electrical Engineer.

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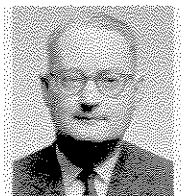
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THIRTY-FIVE RECEIVE SERVICE PIN AWARDS

TWENTY YEARS



J. Pierce Chambers



Robert S. Butts

FIFTEEN YEARS



F. Bernhard



J. F. Frick



H. R. Gary



L. C. Goodman



R. MacMahon



R. L. Crafts



E. S. Mauldin



M. O. Parker



R. Staton

TEN YEARS



W. Anderson



M. R. Artman



M. Bazley



J. R. Chipps



R. M. Enos



C. Friis-Baastad



D. C. Frost



L. K. Eliason



J. H. Grieve



W. F. Hackley



T. R. Hogenson



S. L. Kostelnick



C. S. Lawson



E. H. Marine



B. V. McCrea



B. B. Ogle



A. Parrott



J. W. Paljug



W. B. Moore



C. J. Stultz



B. K. Traynor



J. R. Wigginton

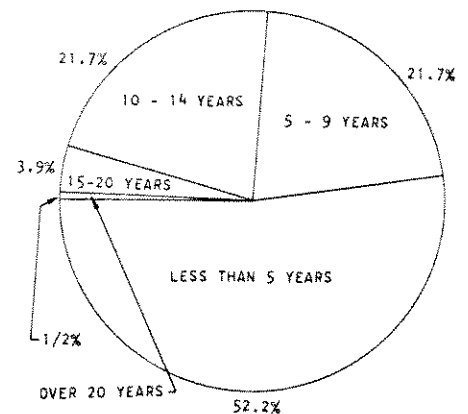


H. L. Wilson



T. W. Woodward

PIN AWARDS REPRESENT 430 YEARS SERVICE AT MELPAR



Service status of present Melpar employees.

Service pins awarded to Melpar employees at the Pin Luncheon held in the Cafeteria on October 31st, represented a total of **430 years** of service. This is a new high for any luncheon ever held. To date the following pins have been presented:

9 Twenty-year pins

88 Fifteen-year pins

670 Ten-year pins

This adds up to **767** service pins that have been awarded to employees with ten or more years of service. **Melpar** is coming of age.