

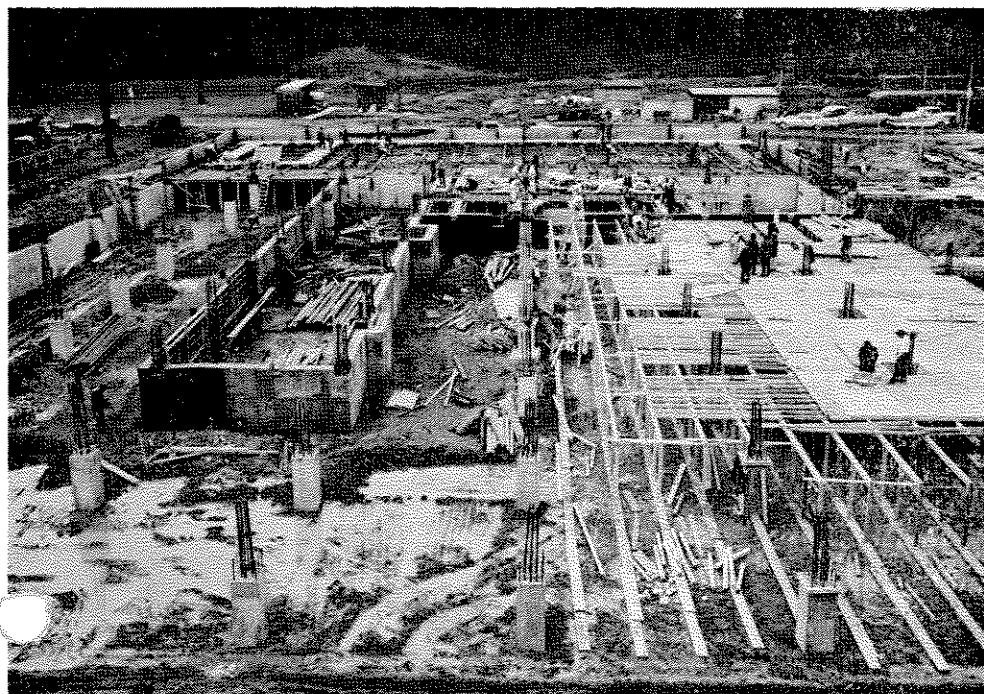
MELPAR-A-GRAPH

MELPAR, INC. • A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE CO.

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January, 1960

Feldman, Jones Named Lab Section Heads



GOOD START . . . this photo, taken with a wide angle lens from the Falls Church roof, provides a good look at the starting construction on the new 120,000 sq. ft. main plant annex. Plywood deck to rear and front right is framework for first floor of the three story addition. Rough excavation at top right is for new West parking lot, scheduled for completion by Spring.

Photo by Todd

Dr. Charles Feldman, formerly of the Naval Research Laboratory, joined Melpar's Physical Sciences Laboratory as Section Head of Molecular Electronics on December 15.

In his new position, Dr. Feldman will guide his section's work in exploring the physical electronic processes involved in solids and liquids. His group is initially concentrating on thin films of metals, semi-conductors, and Masers. This work is expected to lend significant developments toward the field of microminaturization.

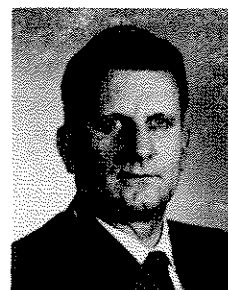


Dr. Feldman

A seven-year employee at the Naval Research Lab where, among other things, he developed processes for forming transparent-luminescent layers for display systems, Dr. Feldman received BS and MA degrees from Johns Hopkins University and a Doctorate from the University of Paris, France.

In another organization move, Mr. Roger C. Jones was transferred to the Physical Sciences Lab as Section Head of Physics.

Former Consulting Project Engineer in the Engineering Division, Mr. Jones will supervise the Physics Section activities



R. C. Jones

comprising the fundamental testing and evaluation of materials at high temperatures as well as under simulated re-entry conditions. Additional programs including electroluminescent displays, IR and UV detectors, solid state devices, synthesis and evaluation of new intermetallic semiconductor, ceramic and magnetic materials are underway in the section. Theoretical studies in plasma physics are planned.

Mr. Jones received his Masters degree from the University of Maryland in 1953.

Campanella Delivers First Technical Talk

First of the Company's new evening technical lectures was held at 7:30 P.M. on Wednesday, January 6, in the Falls Church cafeteria. Speaker for the evening was Mr. S. J. Campanella, Technical Staff Assistant to Melpar's Chief Engineer.

Mr. Campanella's talk, "A Digitalized Continuous Analysis Speech Compression System," was open to all Company employees.

Plans have been made to present future lectures on contemporary subjects at least once a month. Lectures will be held in the Falls Church cafeteria and will be open to all interested employees.

A number of the scheduled talks have presented at national conferences and symposiums.

Almost 100 employees attended the first lecture despite a fire on Arlington Boulevard that held up traffic for nearly an hour.

Six Patents Are Issued On Melpar's Mini-Mech

Melpar has been issued six patents for various pieces of equipment designed for Mini-Mech, the Company's automatic component assembly machine developed for the Navy's Bureau of Ships.

The latest patent, Automation-No. 2,-911,646, was issued on November 10, 1959. Included among the inventors of the patented equipment are Consulting Project Engineer A. A. Lawson and Project Engineer Bernd Vossen.

Other patents received by the Company for Mini-Mech include a Card Punch, Automatic Machinery, Pneumatic Conveyor and two for Stapling Machines.

Mini-Mech has been the recent subject of several magazine articles and has shown promise of industry-wide use for automated assembly of electronic components.

The Mini-Mech system is scheduled to undergo special tests at Melpar's Hardin Street plant in the near future.

G. Wagner Promoted To Acting Manager

Mr. G. F. Wagner, Jr., was named Acting Manager of the Ground Support Equipment Laboratory on December 7 by L. C. Wright, Manager of the Data Processing and Support Systems Department.

Mr. Wagner qualifies as a twelve-year man at Melpar. He joined the Company in June 1947 and was promoted to project Engineer in October, 1950. He was promoted to Section Head in April, 1952.

Mr. Wagner graduated with a BSEE from Northwestern University in 1938.

Engineering Groups Elect Melpar Man

Mr. A. Arnold Lawson, Melpar Consulting Project Engineer, was recently named to offices in two separate engineering societies.

Mr. Lawson was re-elected to serve for a three-year term on the IRE's Administrative Committee of the Professional Group on Production Techniques. He was subsequently named chairman of the group's Papers Procurement and Presentation Committee.

He was also elected for a two-year term as a Director of the Washington Society of Engineers on December 16.



"If something isn't done about the traffic around here, I won't be back next year!"

MELPAR-A-GRA-PH

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In-plant Registration Schedule Announced

Spring registration for in-plant education courses at Melpar's Northern Virginia plants will be held during January, according to Mrs. J. T. Lafrank, Personnel Director.

Three area educational institutions, George Washington University, the University of Virginia and American University, will offer a total of 13 courses during the Spring semester. Another area school, Capitol Radio Engineering Institute, is presently conducting two Winter quarter in-plant classes.

The University of Virginia will hold registration for its graduate engineering courses on January 12. U. Va. will offer four courses—Radiation Field Theory, Transistor Electronics, Introduction to Matrix and Tensor Analysis and Theory of Functions of a Complex Variable—at the Bailey's Crossroads Extension.

U. Va. classes will begin on February 8.

Registration for George Washington University's classes will be held on January 25. GW will offer 7 classes, including College Algebra, Trigonometry, Analytic Geometry, Calculus I and II, and Vector Analysis.

GW classes will begin February 1.

American University will conduct two courses—Physical Chemistry and General Physics—during the 1960 Spring semester. Registration for American's courses will be held on January 29 and classes are scheduled to begin on February 8.

A memorandum listing places and times for all registration has been prepared for all employees.

Moore and Mitchell Are Guest Speakers

Two Melpar men, General Services Staff Assistant P. M. Mitchell and H. S. Moore, Staff Assistant to Melpar's Chief Engineer, were guest speakers at a Career Nite held at Archbishop Carroll High School in Washington, D. C., on December 15.

Four area schools, including St. Anthony's, Priory and Mackin, participated in the program.

The Melpar representatives discussed the merits of an engineering career, including nature of the work, income and opportunities, requirements for success and personal rewards.



COST ACCOUNTING . . . Checks and verifies other than employee payrolls. Mr. Norman Lafrank, supervisor, is shown talking to Comptroller S. M.



ACCOUNTS RECEIVABLE . . . is headed by Mrs. Lafrank who originally joined Melpar in 1948. This group handles billing and receipt of payment from Company customers.



Financial Score-Keeping Is Big Job For Melpar's Accounting Department

THE ENORMOUS job of keeping score of Melpar's financial operations presently requires the efforts of over 160 people and assorted equipment, according to Comptroller S. M. Sjosten.

Guardian of Melpar's finances is the Company's Vice President and Treasurer, Mr. R. T. Cosby. Mr. Sjosten, as Comptroller, heads the Accounting Department, Mr. Cosby's scorekeeping organization.

The Accounting Department's operation is broken into several sections, each manned by specialists with a wide variety of ominous titles. Together they make up the team that, among other things, processes and distributes employee payroll checks, bills and collects from our customers for work performed by Melpar, makes payment to suppliers, and maintains a wide variety of historical cost and statistical records.

In order to keep pace with the continuous rapid expansion of Melpar's operations, Accounting, in 1957, installed its first IBM punched card tabulating equipment to help with the huge task of assembling and summarizing the voluminous historical data required for cost distribution purposes, payroll tax reports, etc.

This section, under Mr. J. Trumbetic, has been growing and expanding its operations ever since, and within the next three to six months is expected to take over the preparation of all payroll checks. Looking to the future, Melpar's Accounting Department was one of the first to place an order with IBM for their newly developed and not yet available IBM 1401 Data Processing Equipment.

A very vital operation is conducted by the Accounts Receivable section, which is responsible for maintaining the original Company files on all customer contracts and for insuring prompt billing and receipt of payment for work performed by Melpar. This operation covers almost 200 separate contracts with various Government agencies and private companies. The section is under the supervision of Mrs. M. Garwig, who joined Melpar in 1948 and thus rates as one of our early pioneers.

Mr. R. Kincaid directs the 25-member Accounts Payable group, which has the unenviable task of checking and verifying, and clearing for payment an average of over 10,000 suppliers' invoices per month, involving a total expenditure of close to 30 million dollars per year.

The Cost Accounting section, a 20-man group headed by Mr. N. Langford, has the final responsibility for checking and verifying all cost distribution, recording of costs in the proper accounts on Melpar's books and accounting for all Company-owned capital equipment. This group also processes all travel expense reports and prepares summaries for final report preparation.

The Payroll section, under Mr. S. T. Dellinger, has over 70 people who process all payroll records, time cards, and issues payroll checks to over 6000 Melpar employees who earn around 30 million dollars per year. In addition, they handle the filing of quarterly payroll tax reports and keep track of all fringe accruals for each individual employee. The Timekeeping function of the Payroll Section is headed by R. Barnes.

Also included in the Accounting Department is a 30-member Budgetary Control Accounting group, headed by Mr. F. W. DeDier, which prepares and distributes weekly and monthly reports giving detailed up-to-date statistical analysis by job element of each job's budgetary cost status.

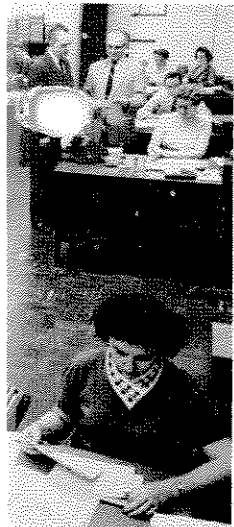
Finally, to assist in co-ordinating and analyzing the results of the Department's operations, there is a small group of experienced Staff personnel, headed by Mr. G. Moreland, Mr. L. Barrick and Mr. W. Sitko.

Melpar has not always been blessed with such a well-manned and well-equipped Accounting unit. As a matter of fact, Mr. Sjosten recalls that in 1947 there were only three members of the Accounting Department—Mr. Cosby, who had the Accounting group's only office at the Company's Swann Avenue, Alexandria, location, and Mr. Sjosten and one clerk-secretary who were located in a hallway near the executive offices.

MACHINE ACCOUNTING . . . is the Accounting Department's group for automatic processing of statistical data and is expected to begin generating payroll checks with new data processing equipment soon. Assistant Supervisor J. Trumbetic is at top, far right.

Photos by Meinke

PAYROLL . . . headed by S. T. Dellinger (standing) is one of the Accounting Department's busier groups. Payroll is responsible for timekeeping activities, pay-check distribution, maintenance of employee benefits records and other functions, including issuance of special accounting reports. Machines at top right are presently used for generating employee paychecks.



cost distribution
ford, the group's
josten (dark suit).



Garwig (top left)
is responsible for
ners.



GOING UP!

Falls Church promotions include J. L. Hughes to Design Checker and L. M. Brown and E. L. Hutcherson to Senior Engineer. R. J. Bottenfield advanced to Test Supervisor and W. F. Dupree rose to Environmental Test Lab Manager.

J. Call advanced to Control Clerk, H. E. Tucker rose to Cabinet Maker and E. Burnham became Design Assistant. B. A. Simpson was promoted to Senior Payroll Clerk, J. M. Howke rose to Senior Budget Clerk and J. H. Grieve advanced to Senior Clerk Typist.

Hardin Street promotions include B. L. Ellison to Task Leader, A. Mullen to Clerk Typist, S. P. Jones to Senior Engineer and N. M. Benjamin to Engineer.

Columbia Pike promotions include J. O. Henville-Shannon to Senior Engineer, A. R. Valliere to Engineer and G. L. Ramey to Secretary.

Bailey's Crossroads promotions include S. A. Adcock to Senior Clerk Typist, R. H. Dunn to Design Assistant and A. Hale to Assistant Program Coordinator. A. F. Abel advanced to Senior Engineer and E. W. Craft rose to Engineer.

Arlington promotions include A. D. Robbins to Section Head and J. F. Vanderspiegel to Engineer. J. P. Kleckner, M. F. Lydon and E. Morris advanced to Mechanical Technician. J. A. Walton rose to Sheet Metal Leadman and A. P. Perros was promoted to Senior Buyer.

W. Jerois, F. V. Irby and L. Weaver were promoted to Task Leader and J. Hrin advanced to Machinist Leadman. R. W. Freed rose to Senior Planner and T. A. Ramos advanced to Administrative Assistant.

R. L. Fulford was promoted to Administrative Staff Supervisor at Leesburg Pike. A. E. Town advanced to Principal Engineer and E. W. Reed rose to Receiving Unit Foreman.

W. G. Thompson, R. G. Gall, R. W. Lowe, R. W. Bolka and J. P. Fitzmaurice were promoted to Senior Engineer. R. V. Yost advanced to Shipping Unit Foreman, S. J. Thurston and J. H. McLaughlin were promoted to Senior Clerk Typist.

Shirley Highway promotions include H. E. Hull to Junior Tech Writer, J. A. Rodgers to Systems Support Supervisor and R. F. Rundell to Senior Tech Writer.

AT BRENTWATERS RAF STATION

Two Melpar Trained Airmen Break Air Force Test Records

Two Melpar Field Service Engineers were reportedly beaming with pride last month. And justifiably so.

Field Service Engineer R. R. Gerber recently returned from Brentwaters RAF Station (England) where, he reports, two airmen recently broke all existing records for Air Force five and seven-level career field tests on flight simulators. Both airmen are stationed with a Melpar built simulator and received their on-job-training from the two Melpar Field Service men, Gerber and R. K. Arnold.

The two airmen, M/Sgt. Paul Jantzen and S/Sgt. Don Littleton were photographed in the Melpar simulator and featured on the front page of the *Centurion*, weekly Air Force publication at Brentwaters.

The paper's article also states that thus far, over 12,000 hours have been logged in the simulator since it was installed in July, 1958.

Mr. Arnold is still stationed in England.

W. F. Vivori rose to Staff Supervisor, F. S. Jones advanced to Senior Planner and W. J. Harris was promoted to Junior Engineering Assistant.

J. T. Coulson was promoted to Junior Engineer at the Alexandria plant and B. E. DePalma advanced to Senior Research Engineer at Boston.



AIR FORCE'S BEST — MELPAR TRAINED . . . M/Sgt. Paul Jantzen (seated) and S/Sgt. Don Littleton, airmen who recently broke existing scores on Air Force flight simulator tests, are shown checking wiring diagrams in the Melpar built trainer's cockpit. Official USAF Photo

Two Study Contracts Are Awarded Company

Melpar's Applied Science Division recently received two very significant study and investigation contracts from the air Force's Cambridge Research Center.

One of the contracts, Melpar job A 1068.01, calls for the Division to conduct a study program for determining the feasibility of recognizing vehicles in the atmosphere or in space from the characteristics of their paths.

The second contract, job A 1069.01, requires the Applied Science Division to conduct a series of meteorological research investigations based upon the NASA-AWS Weather Research Program.

3000 Get Flu Shots

Over 3000 Melpar employees recently received free influenza immunization shots from the Company's Industrial Nurses. According to Chief Nurse P. E. Griffith.

The immunization shots are offered annually to all employees.



No, no, Limpwit . . . that's not what I meant by "punch the clock!"