MELPAR-A-GRAPH

Volume 8, Number 8 MELPAR, INC • A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE CO. September, 1963

OKLAHOMA CITY PLANT DEDICATED

Governor, Congressman, Mayor, And Melpar Officials Attend Ceremonies

Impressive ceremonies marked the dedication of Melpar's ultramodern plant in Oklahoma City on September 19. Governor Henry Bellmon of Oklahoma, U.S. Representative John Jarman of the state's fifth congressional district, Mayor Jack Wilkes of Oklahoma City, and over 50 other state and civic leaders joined Melpar representatives in the official launching of the new enterprise.

Equipped for the manufacture of high-reliability aerospace systems, the gleaming new building has 22,556 square feet of floor space. The construction and site are such that the floor space could be increased to 200,000 square feet if necessary. The plant now has 145 employees (all but 10 hired at Oklahoma City) for the production of hi-rel circuit boards for the Minuteman guidance system.

Governor Is Featured Speaker

The dedication ceremonies began at the weekly meeting of the directors of the Oklahoma City Chamber of Commerce at the Skirvin Hotel. The Executive Secretary of the Chamber, Paul Strasbaugh, introduced the Melpar representatives: Executive Vice President Arthur C. Weid; Corporate Secretary J. Pierce Chambers; Kenneth E. Schreiber, Manager of the Minuteman Division; Joseph Hall, Manager of the Oklahoma City plant; Brandon Marsh, Assistant to the Executive Vice President; Rosser Fulford, Senior Engineering Assistant, MM Division; and

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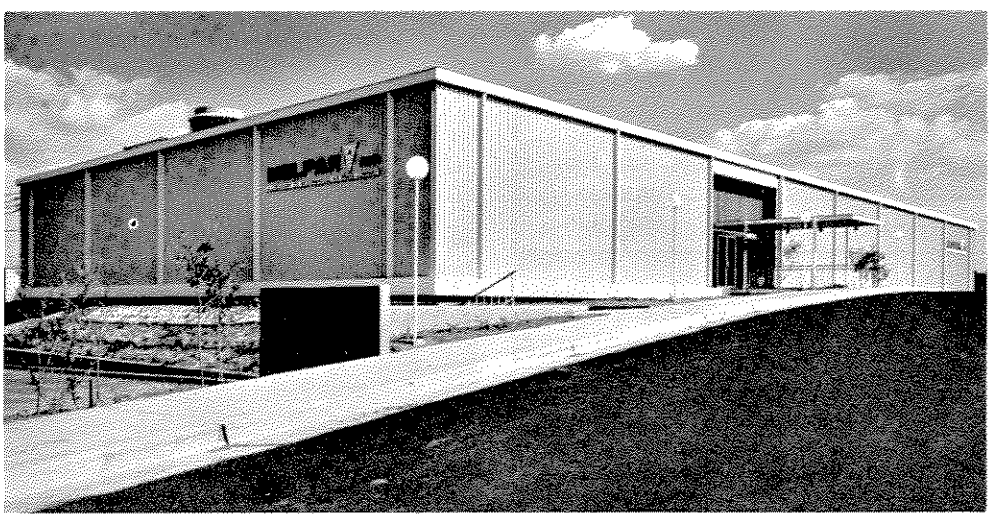

Melpar's new Oklahoma City plant

MICHEL NAMED MANAGER, TECH SERVICES DIVISION

Covaleski Heads Field Service

The appointment of Frederick J. Michel as Manager, Technical Services Division, was announced by Vice President Charles B. Raybuck on September 6. The newly formed Technical Services Division comprises Field Service, Drafting, and Technical Publications.

Frederick J. Michel

Mr. Michel was formerly Manager of the Field Service Department. Responsibility for the Company's field-service operations now lies with Stephen V. Covaleski, who stepped into the position vacated by Mr. Michel.

A 1944 graduate of City College of New York, Mr. Michel joined Melpar's engineering staff in 1946, during the first year of the Company's operation. He left for graduate study in 1948, earned an M.S. in M.E. at Columbia University in 1949, returned to Melpar in 1953.

On his return, Mr. Michel was project engineer on a number of R&D contracts, then became Head of the Mechanical Design section, and later the Peripheral Equipment section, on the FINDER program. When FINDER moved to its field location, Mr. Michel went along as System Manager. The installation and testing activities in his charge were completed on time and under budget—a perfor-

(Continued on Page 2)

BRASS RAIL OPERATES MELPAR FOOD FACILITIES

Food service facilities at Melpar's Northern Virginia plants are now operated by Brass Rail Food Services, Inc., of New York City, a subsidiary of Interstate Vending Company. The new service began September 27 with the evening meal at the Leesburg Pike plant.

The Brass Rail operates a number of well-known restaurants in the New York City area, including the Golden Door at Idlewild International Airport, as well as cafeterias and dining rooms at many business and industrial facilities. The company recently received a citation from the U.S. State Department for its food service at the Brussels World's Fair.

New services and facilities at the various plants are as follows:

At Leesburg Pike: A new hot-food facility for short orders, and vending machines in LP #3 expanded area. Also, regular vending machines in the various buildings.

At Hardin Street: A lunch area in

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Cost Shavings

So far this year the Value Improvement Program has reported $541,472 in annualized savings. These bright ideas from bright people helped bring up the total:

Melpar was purchasing shafts and tubes for use in maintaining filter pumps. Maintenance Foreman **Carl Strawbridge** of the Leesburg Pike plant suggested that these parts could be fabricated in the Maintenance Shop at lower cost. He was right. By making the parts itself, the Company saves an estimated $2081 annually. What's more, down-time of filter pumps has been cut to a minimum.

A weekly report was being prepared on all open jobs, including jobs on which there was no activity during the reporting period. **Bill Cullipher,** Data Processing, suggested that only jobs showing activity be reported each week and that cumulative totals of all jobs be printed monthly. Estimated annualized savings are $12,082.

Individual orders for various cutting tools were placed with different vendors as requisitions were received in Purchasing. **Jack Spivack,** Value Analyst, proposed that certain standards be established for all cutting tools and that an open-end call order for the tools be placed with one vendor. It is estimated that this proposal will save $7990 annually.

The Value Improvement Program is waiting to hear *your* bright idea. Tell it to your supervisor or call Roger Bublitz on extension 2382.

Listen . . .

to the Melpar World News Report on WGMS-AM (570 kc) and WGMS-FM (103.5 mc). Mondays, Wednesdays, and Fridays, 7:00 - 7:05 a.m.; Tuesdays and Thursdays, 6:30 - 6:35 a.m.

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MICHEL, COVALESKI

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mance for which he received a letter of commendation from General Dynamics/Fort Worth, prime contractor for FINDER. Mr. Michel became Manag of the Field Service Department in July 1962.

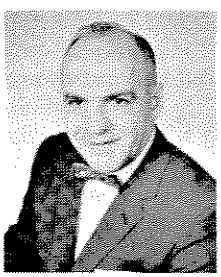
Stephen V. Covaleski

Mr. Covaleski, who observed his 10th service anniversary in August, was formerly Supervisor, Field Engineers and Maintenance. He joined Union Switch and Signal Company, a division of Westinghouse Air Brake Company, as a Field Service Engineer in 1953, was promoted to Area Supervisor in 1955. In 1958 Mr. Covaleski was one of the group of US&S field-service personnel transferred to Melpar. He was named Supervisor, Field Engineers and Maintenance, in 1960.

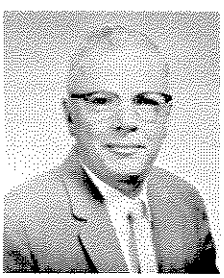
Twenty Receive Service Pins in August

Four employees marked their 15th anniversary with Melpar, and 16 their 10th anniversary, in August. Top row below shows those who received the ruby-studded 15-year pin. Other pictures show 10-year pin recipients. (Another 10-year man is Stephen V. Covaleski, who also made news another way this month. See above.) Presentation of pins took place at a luncheon in the cafeteria on August 21.

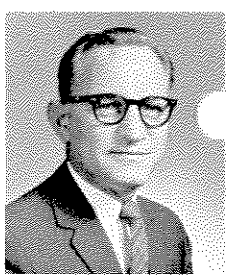
Eleanor C. McLane



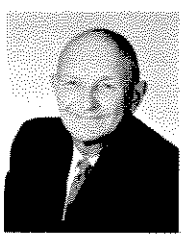
Norman J. Sargis



James L. Sherwood



Casimir F. Wojtunik

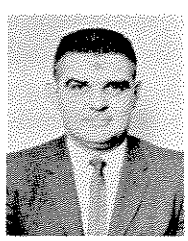


William P. Asten

James W. Blevins

Gale L. Bowles

Julian Caballero



V. L. Cummiskey

Helen P. McCarthy

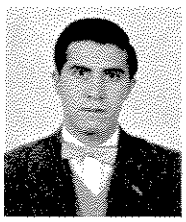
B. C. McMullen

Donald J. Miller

Carroll W. Morrow

Dallas Ralph

John Selip



Dennis J. Serrano

Claire E. Smith

Ray E. Wilkins

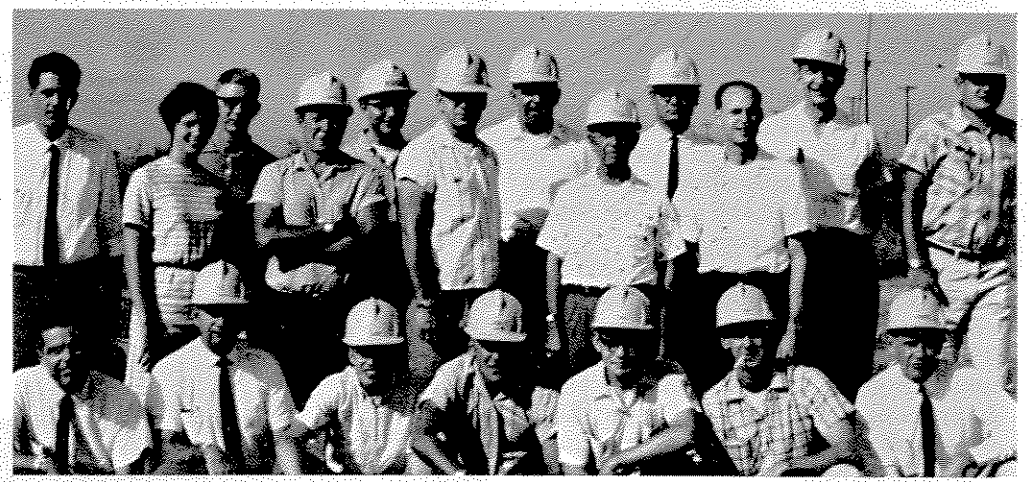
Billy B. Williams

AN/TLQ-18 SYSTEM GOES TO FIELD THREE MONTHS EARLY

An air of quiet satisfaction pervades e Intelligence Department these days, and with good reason. Search-Intercept-Analysis System AN/TLQ-18 ( ) (V) went to the field for tests on July 1 — three months ahead of schedule! The system was developed and built by the department under the technical supervision of the U.S. Army Electronics Research and Development Laboratory, Fort Monmouth, N.J. Work on the project, which is under the technical direction of Dr. E. Bryan Carne, Manager of the Intelligence Department, began last October.

Locale of the field tests is a 600-square mile area of the Lower Sonora Desert, near Fort Huachuca, Arizona. Fort Huachuca is the home of the United States Army Electronics Proving Ground, which is participating in the operation. Melpar has established three test sites in the area: one at Fort Huachuca, another on Route 80 northwest of Tombstone, and the third on Route 80 southeast of Tombstone. At the Fort Huachuca site is a computer facility that includes a Control Data Corporation 160A computer with a high-speed printer and a 24,000-word core memory. The comter complex controls the tests and evaluates the data collected.

For the field operation, personnel of the Feasibility Laboratory of the Intelligence Department moved en masse to Sierra Vista, a small town near Fort Huachuca. Marshall Risdon, manager of the laboratory, is directing the tests, with Maurice Poulter assisting. Principal engineers John Marcev and James Hausfeld are overseeing activities at the test sites. Others who packed their bags and headed west are Robert W. Bolka, Willis C. Burdick, Norman L. Cutter, Weston R. Goode, Huey Henson, Lee R. Herring, William R. Hines, Andrew J. Johnson, Stephen C. Jusko, Geoffrey N. Mann, Guy T. Miller, Willard V. Mihuc, and Roger R. Townsend.



Feasibility Lab personnel on location.

If you've drawn a mental picture of a hardy band broiling in the desert heat—erase it! The area that the field party will call home for nine months has an elevation of about 5000 feet; so summer temperatures are moderate and humidy low. The region does abound in cactus and rattlesnakes, but an advance party went out early in June to see that the sites were cleared. Just to be sure, high boots and snake-bite kits were made standard equipment.

The law requires that the cactus be replaced when the test sites are dismantled, as it helps control flash floods. The snakes are on their own.

IN BRIEF-THE NEW IE GROUP. Minuteman Division's new Industrial Engineering group, formed July 29, meets for a briefing session in the LP#2 training room. That's Arnold Taylor, supervisor of the group, standing at the lectern. Topic of the session was-you guessed it-cost reduction. PHOTO BY SAKAMOTO

R & QC Offers New Service

The R & QC Directorate has taken another step to ensure the reliability and quality of Melpar products. Recognizing that the success of a circuit or system, no matter how excellent its design, depends on the reliability of the purchased parts that go into it, the Directorate has established a new, centralized component part function within the Reliability Department.

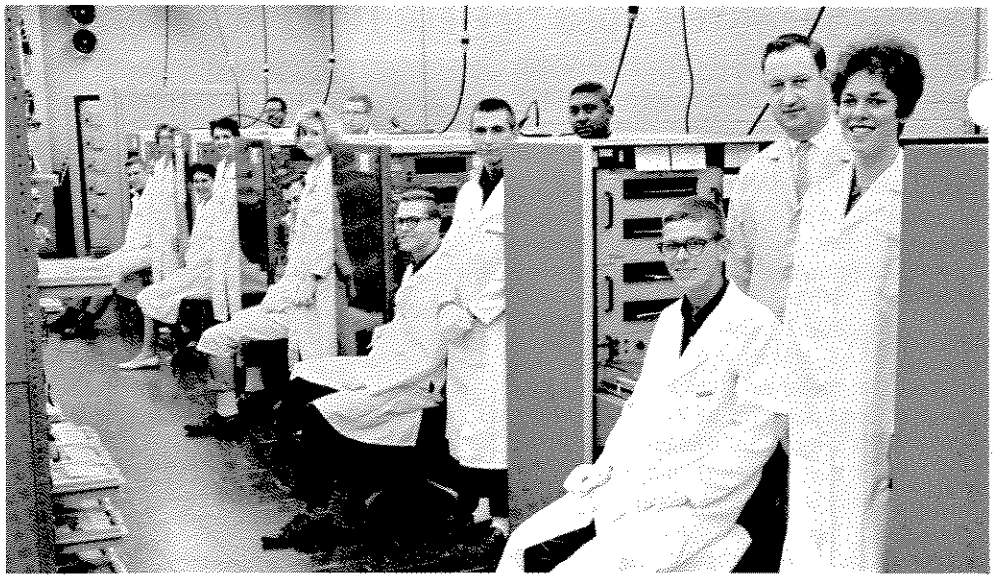
The new function is administered by Robert Bernay, Consulting Project Engineer. To achieve the most effective selection, application, and qualification of component parts for designs, it provides the following: A central repository for knowledge of the state of the art in electronic component parts; a current listing of part failure rate data; vendor technical data (background history and engineering information on electronic parts, their characteristics and their sources); application review and selection of parts for circuits; part evaluative and qualification testing; failure analysis of parts in accordance with ENG-19; investigation and analysis of new component parts and devices and all associated fabrication techniques for reliability factors; technical assistance in component-part vendor survey, evaluation, and control; definition of component part test requirements and procedures for imcoming inspection and test; participation in data exchange programs as related to part reliability data; and definition and specification of part reliability requirements for procurement documents.

As soon as practicable, the Reliability Department will generate Melpar Preferred Electronic/Electrical Parts Lists for the Engineering Standards as well as parts application handbooks and related technical data.

June-July G-PEP Award Won By Component Test Group

The Component Test group supervised by Kenneth W. Friend won the June-July Group Performance Award. The outcome of the bimonthly competition was announced by MM Division Manager Kenneth E. Schreiber.

Mr. Schreiber also commended the runners-up, four groups that made an unusually good showing for the period. The are Programming and Planning, under Robert C. Earnshaw; Receiving Inspection, under Karl E. Dreyer; Shipping and Material Handling, under Richard A. Markham; and Component Test, second shift, under Sam W. Poorbaugh.



FRIEND AND FRIENDS. Component Test group doesn't conceal its pleasure at winning the June-July G-PEP award. Supervisor Ken Friend is second from right. PHOTO BY SALMON.

GOING UP!

August 1963 was a milestone in the careers of the following Melpar employees, all of whom advanced to higher positions in that month:

Rodney J. Andersen, Senior Physicist; William D. Angstadt, Senior Planner; and Dale W. Bracken, Electrical Engineer.

Elizabeth R. Brothers, Administrative Assistant; Mary Buckmaster, Executive Secretary; and Carl Carnes, Accounting Supervisor.

John A. Chaney, Section Head; Carl W. Fritsche, Assistant Program Coordinator; and James E. Ireland, Shipping and Packaging Supervisor.

Frederick Menage, Junior Methods Engineer, and John B. Perkin, Junior Electrical Engineer.

Virginia Roelop, Staff Secretary A; William R. Slocum, Assembly Foreman; and Harlan G. Simpson, Senior Packaging Planner.

Stuart S. Wilmarth, Senior Contract Administrator, and Bette J. Willison, Staff Secretary A.

BRASS RAIL

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Building #9, containing hot- and cold-food vending machines, a soup dispenser, and other vending equipment. Regular vending machines in other Hardin Street buildings.

At Shirley Engineering: Same equipment as at Hardin Street to be located in a new eating place in the B building. Regular vending machines in other buildings.

At Shirley Research: A new facility in Building C to include regular vending machines plus an electronic cooker to warm sandwiches and other dishes. Regular vending machines in other locations.

At Falls Church: New layout and facilities in the cafeteria. Provision for weekly deluxe specials (like prime ribs of beef carved to order). In addition, the usual vending machines around the plant.

These changes place all food service and vending under one contract. They mark an earnest attempt to provide the best possible service, consistent with reasonable cost, to Melpar employees.

Oklahoma City Plant

(Continued from Page 1)

James P. McDermott and William Clifford of Engineering Services.

The principal speaker at the luncheon was Governor Bellmon. Stressing the importance of new industry to his state's economy, he hailed Melpar's decision to locate in Oklahoma City as "good ne[ws] to Oklahoma."

The luncheon over, the Chamber directors and their guests motored to the Melpar plant on International Highway 35, in the northeast section of the city.

After welcoming Melpar to Oklahoma City, Representive Jarman presented a United States flag and an Oklahoma flag to Mr. Weid. The flags were run up by a color guard of Oklahoma Air National Guardsmen. Mr. Hall then accepted a plaque bearing the key to the building from Edward L. Gaylord, president of Oklahoma Industries, Inc. Oklahoma Industries, the industrial development arm of the Chamber of Commerce, built the plant and leases it to Melpar.

A tour of the building and a reception [f]or the visitors followed the ceremonies.

DR. CHOPRA SPEAKS AT TOKYO SPACE SYMPOSIUM

Dr. Kuldip P. Chopra, Senior Scientist in the Exploratory Research Laboratory, participated in the Fifth International Symposium on Space Technology and Science held in Tokyo, September 2-7. Dr. Chopra presented a paper entitled, "On a Class of Problems in Plasmadynamics of Objects in Space."

Dr. Chopra described a class of problems concerning the interactions of objects with the space environment. He discussed the establishment of an electric charge on an object, the nature of the charged-particle cloud around an object, the generation of perturbations in the plasma, and the drag on the space object. In conclusion, he described the applications of studies of such problems to space science and astronautics.

Dr. Chopra received his B.Sc. (Honors), M.Sc., and Ph.D. degrees in physics at the University of Delhi (India). Prior to his association with Melpar, Dr. Chopra did research and taught at several universities in the United States. He was Research Assistant Professor of Astronautics at the Polytechnic Institute of Brooklyn, a research scientist and Visiting Assistant Professor of Physics at the University of Southern California, and a research associate at the University of Maryland.

He has published 28 papers and tec[h]nical reports and has delivered ma[ny] invited talks in the fields of plasma physics and magnetohydrodynamics, cosmical magnetism, under-atmosphere physics, and interactions of space vehicles with the space environment.