

# melpar-a-graph

MELPAR, INC.

A SUBSIDIARY OF WESTINGHOUSE AIR BRAKE COMPANY

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June 1968

## WABCO/AMERICAN STANDARD MERGER APPROVED

A. King McCord, Chairman of Westinghouse Air Brake Company (WABCO), has announced that the merger of WABCO and American Standard, Inc. has been approved by a majority of WABCO shareholders (2,930,869 shares were voted in favor of the merger and 1,180,298 shares were voted against the merger).

American-Standard shareholders voted their approval of the merger at a special meeting on May 16. The Boards of Directors of both companies previously approved the agreement for the merger on March 4 of this year.

Operationally, the merged companies will have 62 domestic and 49 foreign manufacturing facilities which employ approximately 60,000 people.

Commenting on the shareholder's vote, which has been the focal point of a proxy fight and tender offer, Mr. McCord said: "We are very pleased that a clear majority of our shareholders have supported management's position on this matter."

## Wilcox Awarded \$1 Million FAA Contract

Wilcox Electric Co., Inc., has announced receipt of a contract from the Federal Aviation Agency in excess of \$1 million for design and manufacture of instrument landing systems (ILS).

Deliveries are scheduled to begin late in 1968, with installations planned at airports throughout the country. The new systems will feature increased reliability resulting from the use of solid state techniques and system simplicity.

According to Wilcox officials, the procurement serves to increase the capacity of the Federal Airways System in response to pressing user demand. The new award significantly strengthens Wilcox's position in ILS, which represents the newest system in its growing line of ground navigational equipment.

The Melpar subsidiary expects this contract also to enhance sales of its Model 412 ILS presently being delivered to customers domestically and throughout the world.

## MELPAR WINS \$93 THOUSAND NASA CONTRACT

Melpar has been awarded a \$93 thousand CPFF contract, "Wind Induced Oscillations of Saturn V Vehicle Caused by Realistic Ground Wind Conditions" by the National Aeronautics and Space Administration.

The contract is to develop new and improved methods of extrapolating scale model aeroelastic wind tunnel data to the full scale Saturn V vehicle, and to incorporate realistic detailed ground winds meteorological gust and profile data into an extrapolation scheme. It will provide a generalized model for determining a realistic probability value of exceeding the full scale bending moment for a given exposure time and meteorological conditions.

The work will be done by the Analytical Dynamics Laboratory in Huntsville, Alabama, under the direction of Dr. L. Fontenot.

## PENTECOST HONORED

Dr. Joseph L. Pentecost, Associate Director of Research received this year's PACE (Professional Achievement in Ceramic Engineering) Award and has been cited by the National Institute of Ceramic Engineers as "The nation's outstanding young ceramic engineer of 1967." Dr. Pentecost received the award at ceremonies held in Chicago.

Dr. Pentecost established Melpar's Materials Research Laboratory, and

## T. R. BAILEY HEADS ASSEMBLY

T. R. Bailey has been appointed Assembly Superintendent reporting to Ira Apter, Manager, Manufacturing Department.



T. R. BAILEY

In his new assignment, he will have cognizance over all manufacturing assembly operations, industrial engineering, methods and processing.

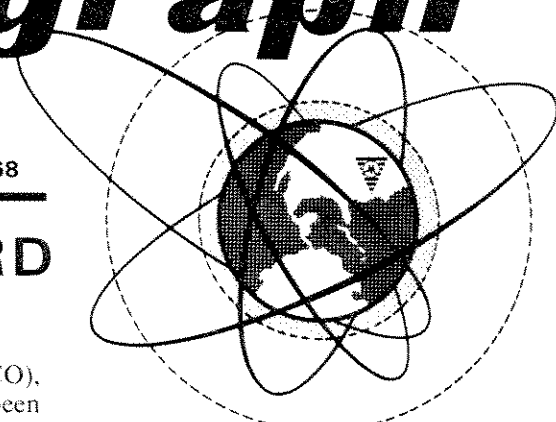
Tom joined Melpar as an electro-mechanical inspector after serving in the U.S. Navy from 1955 to 1958. In 1963 he was promoted to Quality Control Engineer. In 1966 he became Chief Inspector and in 1967 Quality Engineering Supervisor.

Tom and his wife Esther reside in La Plata, Maryland with their three children, Cheryl 9, Donald 7 and Susan 4. His hobbies are hunting and fishing.

headed its operations from 1956 to 1959 and from 1961 to 1966.

He assists the Vice President, Research, in directing the internal R&D program and in coordinating new business activities and research for other divisions of WABCO.

With more than 30 technical papers and chapters in five books to his credit, his work has included research on Teflon, silica glass antenna covers for space re-entry vehicles and dielectric properties of various materials.



## SPEED READING COURSE (AVERAGE SPEED TRIPLED)

Thirty-seven speed-readers were guests of the company at a buffet dinner held on May 21st, at which time they were presented completion certificates for the VICORE (Visual Conception Reading) course.

Classes began on March 26th and were conducted 2 nights per week for 6 weeks. Starting with a mean speed of 325 wpm the group ended with an average of 990 wpm. The following were awarded certificates of completion:

S. E. Benford	J. T. Chandler
E. J. Diehl	R. C. Earnshaw
R. F. Jones	N. Langford
D. E. Lewis	J. D. McLain
T. B. Owen	T. K. Parks
R. B. Powers	A. G. Roe
J. R. Sayers, Jr.	S. M. Sjosten
R. W. Snyder	W. C. Stribling
L. B. Wickersham	W. R. Anderson
I. Apter	F. L. Carau
J. E. Chaney	S. L. Dance
A. B. DePasquale	D. R. Gibbs
H. Hahn	F. J. Hurley
O. T. Inge	R. C. Klopfenstein
J. F. Knapp	A. F. Lopez
R. E. Morris	C. F. Parker
J. J. Ruzicka	T. V. Slominski
G. D. Smith	W. F. Vivori
	W. J. Watson



**MELPAR'S FIRST COMPUTERIZED COST PROPOSAL . . .** On April 29th, Melpar submitted its first computerized cost proposal to a Government Agency. Pictured here, watching the cost breakdowns being produced by the IBM printer is the team whose efforts were responsible for this achievement.

Left to right, R. F. Jones, Director of Management Information Services; C. C. Fritsche, Sr. Proposal Coordinator who coordinated the preparation of the cost proposal; W. H. Fuhr, Manager, Computer Laboratory for whom the cost proposal was prepared; C. T. Ambrose, Programmer/Analyst who wrote the program; and Key Punch and Tab Equipment Operators J. Pollet, B. Kerrick, M. Lee, L. Weimer, B. West, J. Woolfolk and M. Brown.

The system is particularly suited for large system type proposals where numerous cost breakdowns are required to facilitate management evaluation and compliance with customer requirements. Management Information Services is currently refining the computer program to provide additional capabilities, such as: variable ALI, field differential calculation, multiple summarization without intermediate keypunching, and manload summary charts.

## HOLIDAY OBSERVANCE

Melpar will observe Independence Day on Thursday, July 4th. By using a day of vacation on Friday, July 5th, an employee may enjoy a 4-day holiday.



"When patriotism becomes a dirty word, a nation is headed for the cleaners." —A. J. Marshall

### EXPLORER SCOUTS REPRESENT MELPAR . . .

When the 1968 Scouting Exposition was held at the D. C. National Guard Armory on May 10th and 11th Melpar was represented by three Explorer Scout posts, who won a blue ribbon for excellence in scientific displays. The scouts explained the products shown on the Special Products Display Board and demonstrated the use of a laser beam as a carrier for voice communication. Pictured on the left is the display board, and below, left to right, scouts Tim May and Frank Mancini of Edison High School demonstrate the laser.

### WILLIAM E. MITCHELL 1909 - 1968

William E. Mitchell passed away on May 6th in Pensacola, Florida where he had gone to recuperate from an illness that began last September.

He joined Melpar in 1954 as a Planner and later served the company as a Production and Methods Engineer. Versatile, efficient and a friendly person to all whom he met, "Billy" will be sadly missed by his many Melpar friends and co-workers.

A resident of Springfield, he is survived by his wife and one son.

## ANSWERS TO ECONOMICS QUIZ ON PAGE 4, 1-c, 2-b, 3-d, 4-b, 5-c.

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H. O. Glittenberg



## ON THE DAIS...

Sr. Meteorologist **J. K. Allison** described the operation of Melpar's Weather Center before the Associated General Contractors of America in Dallas recently to illustrate the way a private weather service works with construction clients. He emphasized the importance of a close professional relationship between client and consultant and cited examples of how time and money have been saved. Long range forecasts, he commented, are highly suspect, and the best service can usually be obtained from a consultant who is near your operations.

\* \* \* \* \*

Sr. Administrative Assistant **Ned Haugen** presented a paper concerning urban transportation policy and goals to the New Committee Study Group, 44th Annual Electronic Industries Association Convention in Chicago, Ill., June 4, 1968.

The paper covered urban transportation, their priorities and the electronic implications related to solving these problems.

## International Pick-Pocket Stephan C. Ban

Senior Design Engineer **Stephan C. Ban** has an intriguing avocation. For the past 15 years he has been a professional entertainer billed as "**Corodini, the International Pickpocket.**"

Stephen's career in the entertainment world began as a hobby while in high school in Hungary. After his father died, he turned his hobby into a job on the stage to earn money for his college education.

Prior to coming to the United States in 1959, his act played in many of the largest theaters of Europe including the Ronacher in Vienna, and the Palladium in London. He had his own TV show on BBC for six months. In Canada, he toured the night club circuit from Toronto to Quebec. Locally, he has been seen at the Shoreham, the Sheraton, and the Hilton as well as many private clubs in Washington.

Posing as a magician, he invites audience participation. While presuming to engage in conversation and perform card tricks, he is actually lifting billfolds, suspenders, ties and watches. He can lift a watch in three seconds without the participant's awareness.

## GIVE US YOUR VIEWS

The **Melpar-a-graph** is your newspaper and we want to give you material which is interesting, timely, and as factual as possible.

Since we have a wide range of interests among our employees it is not easy to please everyone. But we would like to try harder.

Please complete the questionnaire below and return to the Melpar-a-graph editor by 30 June.

What is your job title or classification? \_\_\_\_\_

Do you find the Melpar-a-graph of interest to your family?

No \_\_\_\_\_ Yes \_\_\_\_\_ Very Much \_\_\_\_\_ Very Little \_\_\_\_\_

Do you believe the Melpar-a-graph should put more emphasis on material in the following categories?

	Yes	No
Hobby stories	_____	_____
Technical articles	_____	_____
Explanatory articles about economics, taxes, and the like.	_____	_____
Human interest stories about unusual trips, exploits, awards, or sports achievements of employees	_____	_____
Weddings, anniversaries, births, and graduations	_____	_____
Biographies on key people	_____	_____
Other types (Please describe)	_____	_____

Which of the following features do you now read?

	Yes	No
Service Pin Awards	_____	_____
Contract Award Stories	_____	_____
"Know Your Benefits"	_____	_____
"Know Your Company"	_____	_____
"Going Up"	_____	_____
Professional Activities ("On The Dais", Patents, "In Print")	_____	_____

Which of the following comments best describes your views of the Melpar-a-graph? (check only **one**)

Satisfied with it; don't make any important changes	_____
Change it to give more stories about personal happenings, and community news	_____
Print more special columns about technical developments	_____
Include more information about company policies, benefits, and the like	_____
Add a column for employees to advertise merchandise for exchange or sale	_____

Any Additional Comment

*Let Us Hear From You*

# MAY/JUNE PIN LUNCHEON

TWENTY YEARS



F. L. Carau

FIFTEEN YEARS



C. F. Parker, Jr.

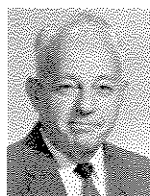


W. E. Russ



S. C. Scales

TEN YEARS



C. Amory



J. A. Cicotello



W. A. Clark



M. H. Field



K. W. Friend



J. A. Gauthier



N. T. Jeffries, Jr.



L. E. Dronfield



J. W. Taylor



C. M. Gillespie

Pictured here are the honor guests at the May/June pin luncheon. The presentation of these service pins brings the pins awarded to the following totals: twenty year pins, 12; fifteen year pins, 110; and ten year pins, 715. These figures represent a picture of company loyalty and service of which we are very proud.

## GOING UP!

Congratulations go to the following employees who received promotions in May and June:

**J. A. Makarczyk, F. E. Young, R. O. Braun, R. N. McNeal and J. A. Morandi** were named Project Engineers.

**K. R. Geyer** moved to Principal Engineer and **W. E. Stump** made Senior Design Engineer.

**L. O. DeWitt** stepped up to Junior Electrical Engineer, **W. J. Lightel** to Design Engineer, **A. K. Waizecker** to Senior Administrative Engineer, **B. L. Goodnight** to Secretary, and **Peter Sypher** to Senior Electrical Engineer.

## FACT SHEET

### U. S. Savings Bonds/Freedom Shares

Improvements Effective June 1, 1968:

- \* E. Bond interest rate increased from 4.15% to 4.25% (the full legal limit) when held to maturity of 7 years.
- \* H Bond interest rate increased from 4.15% to 4.25% (the full legal limit) when held to maturity of 10 years.
- \* Freedom Share (U. S. Savings Notes) interest rate increased from 4.74% to 5% when held to maturity of 4-1/2 years.
- \* Freedom Shares may now be purchased over the counter at banks and other financial institutions when purchase is accompanied by a Series E Bond of like or larger denomination. (Freedom Shares were previously available only through a regular, automatic purchase plan, such as Payroll Savings or Bond-A-Month.)

## Think Economics Is Too Involved?

The principles of economics are as simple as life itself—because they are life.

Most people have difficulty relating to economics but most of the problem is that the technical language in which it is expressed is not the people's language.

Here, in everyday language, is a five-question quiz designed by the American Economic Foundation. Just see if it doesn't convince you that you're sharper on "economics" than you thought you were. Check your answers on page 0.

1. The first thing needed by an undeveloped nation is (pick one):
  - (a) A government that will take care of the people.
  - (b) Gifts of food and clothing from wealthy nations.
  - (c) Investment in modern tools to increase production.
  - (d) Guaranteed prices on exported crops and raw materials.
2. The usual result of increased wages not matched by increased production is:
  - (a) Higher living standards for workers.
  - (b) Higher prices for goods and services.
  - (c) More competition for raw materials.
  - (d) Government investigation of wage policies.
3. Job security in any plant is best assured by:
  - (a) Industry-wide bargaining.
  - (b) Supporting full employment program of government.
  - (c) Rigid union rules.
  - (d) Cooperating with management in winning and holding customers.
4. In order to operate successfully, management must satisfy four groups of people. Which should be put first?
  - (a) Government authorities
  - (b) Customers
  - (c) Stockholders
  - (d) Employees
5. The most important effect of new automatic tools is:
  - (a) Fewer employees needed
  - (b) Higher profits for company.
  - (c) Lower prices, higher sales, more jobs.
  - (d) Higher cost of tool maintenance.

Check Your Answers on Page 2

"The newspapers say all American troops have left France. That's not quite true. About 60,000 are still buried there." —Republican Newsletter