

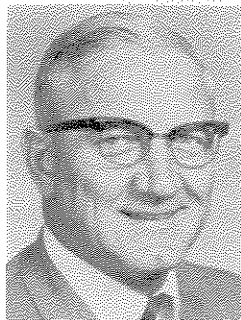
melpar-a-graph

MELPAR A Division of LTV ElectroSystems, Inc.

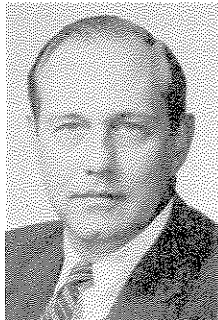
Volume 15, Number 4

October 1970

LTV ELECTROSYSTEMS ACQUIRES MELPAR



J. W. Dixon



J. P. Chambers



D. R. Tacke

A leading role in electronic warfare is anticipated by LTV ElectroSystems, Inc., following completion of its purchase of Melpar.

John W. Dixon, Chairman of the Board and President, said ElectroSystems completed the transaction on Sept. 15 and that Melpar employees went on the ElectroSystems payroll Sept. 20.

"The business and assets of Melpar which we acquired are basically those which complement and extend our electronic warfare product line at Garland Division," Mr. Dixon said. "We now have the advanced research and development capabilities to take a leading position in this market."

He said that Melpar will continue to operate in the Washington, D.C. area, retaining the Melpar name and its basic organization.

"Melpar's President, J. P. Chambers, will report to D. R. Tacke, an ElectroSystems Vice President and General Manager of the Garland Division," Mr. Dixon said. "By consolidating the electronic warfare capabilities we have developed during the last 10 years at Garland with those at Melpar, which date back to the very beginning of electronic warfare, we expect to have a base for effective growth in this business."

Mr. Dixon said the acquisition, described in the original announcement on Aug. 24 as "The major portion of the

assets and business of the Melpar Division of American Standard Inc.," is difficult to define more accurately.

"We bought the traditional Melpar business, related to the electronics field," Mr. Dixon said. Melpar, as a corporation and later as a division of American-Standard, formerly reported sales and earnings of the Wilcox Division and other peripheral activities which have since been either discontinued, sold as product lines, or retained in other divisions of American-Standard.

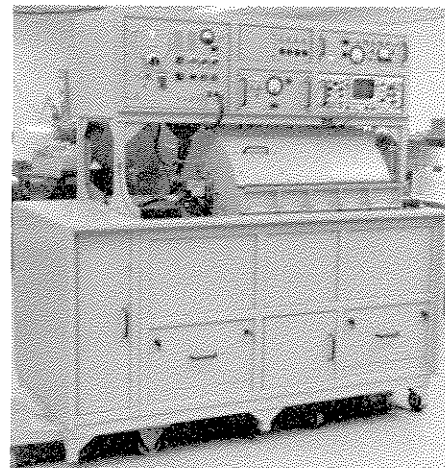
The annual business volume in the operations purchased by ElectroSystems has previously been reported as approximately \$20 million."

Mr. Dixon said that he is "quite impressed" with the advanced nature of research and development in progress at Melpar and with highly qualified people in the Melpar organization." He predicted that by 1974 ElectroSystems will be 40 per cent commercial and only 60 per cent defense instead of 85 per cent defense and 15 per cent commercial as in 1969. "Since we don't plan to decrease our defense sales, we are looking for a healthy commercial sales growth," he said.

The company has stepped up marketing efforts in several non-defense fields such as navigation equipment, satellite communications, antenna systems and mechanized mailhandling systems.

Antenna Range Reduced To Mini-Size For A-6, A-7 Radar Testing At Sea

When the A-6s went to sea aboard aircraft carriers, the problem arose: how to boresight the radar antenna without a big antenna range? And the only answer seemed to be: shrink the range.



Melpar's antenna Boresight Simulator complete with operational console.

An antenna range like the outdoor one on the upper parking lot needs "land, lots of land," devoid of trees and people. It needs two towers, and two or more technicians to operate the equipment, and strict control of moving objects, in order to achieve the extremely precise alignment required (1 milliradian).

To condense a range of perhaps 200 x 200 feet into a shop-size unit that could fit onto a carrier was the assignment taken on by the Antenna Laboratory at Melpar under contract to Grumman Aircraft Corp. (manufacturer of the A-6) nearly four years ago. Three months ago Grumman delivered the 25th such unit designed and fabricated by Melpar to the

Continued on page 2

Antenna Range Reduced

Continued from page 1

Navy for the boresighting of A-6 radar antennas. The size: six feet long and six feet high and three feet deep. One technician can operate it. It has its own oscilloscope, its own power supplies in the form of replaceable modules. Tools, maintenance books and calibration equipment are also a part of the package.

Grumman also recently delivered with the help of Melpar, this time to Ling-Temco-Vought for its A-7 aircraft, a much more complex piece of equipment that is capable of boresighting not one, but three types of antennas.

From contract award to delivery of the prototype took nine months of hard work, under pressure, accomplished by virtue of "maximum cooperation and a minimum of static" from a large number of people.

The recently delivered unit is already aboard the carrier USS America. All 20 units, presently on order, are destined for carrier or shorebased duty in support of the A-6 and A-7 aircraft.

As a result of the timely delivery of the unit aboard the USS America the following commendation was received by Melpar.

Subject: Successful deployment of the A-7E aboard USS America

1. Message from Admiral Townsend to our diligent team members whose efforts contributed to the successful deployment of the USS America as follows:

"THE SAILING OF AMERICA TO JOIN THE 7TH FLEET MARKS ANOTHER MAJOR ADVANCE FOR NAVAL AVIATION, THE MOST MODERN AIR WING EVER DEPLOYED WILL FLY FROM HER DECK IN COMBAT. I REVIEWED THE STATUS OF AMERICA TO SUPPORT THE AIR WING AT THE PREDEPLOYMENT CONFERENCE WITH CONSIDERABLE SATISFACTION, PARTICULARLY GRATIFYING WAS SUPPORT FOR THE A-7E.

THE EFFORTS OF NAVAIRSYSCOM TO ADHERE TO THE SUPPORT SCHEDULE IN SPITE OF MANY DIFFICULTIES WERE OBVIOUS, WHILE MUCH WILL HAVE TO BE DONE TO INSURE CONTINUED SUPPORT OF THIS FINE NEW WEAPONS SYSTEM I WISH TO EXPRESS MY APPRECIATION FOR THE SUCCESSFUL ATTAINMENT OF THIS MAJOR MILESTONE."

VADM Townsend

Melpar's responsiveness to the requirement was indeed instrumental in the successful delivery of the equipment to the America.

Going up!

The following employees received promotions to higher classifications recently. We list them here with their new job titles:

R. M. Enos
J. W. Hale
C. H. Nelson
J. M. Marcev
PROJECT ENGINEERS

T. Virmelson
CONSULTING PROJECT ENGINEER

J. S. Lee
P. T. Norusis
SR. ELECTRICAL ENGINEERS

E. E. Swartz
TOOL & DIE MAKER

C. T. Judd
SR. ENGINEERING TECHNICIAN

J. Clatterbuck
SUPERVISOR, TRANSPORTATION & SHIPPING

B. C. Smith
SUPERVISOR, DATA PROCESSING SYSTEMS

P. N. Christ
SECURITY ASSISTANT

J. E. Fowler
SR. PACKAGING PLANNER LEAD

D. L. Martin
JUNIOR PROGRAMMER

S. L. Mitchell
REPORT CLERK A

G. B. Dean
BOOKKEEPING MACHINE OPERATOR

E. W. Knight
SR. ACCOUNTING CLERK

Congratulations to all of you on your promotions.

Carty Lawson

3rd Quarter ZD Winner

Congratulations are in order for Senior Test Engineer Carty S. Lawson who was the third quarter Zero Defects award winner. His citation read: "In the area of job performance he consistently contributes more than required to accomplish a task on a timely basis. He sets high standards of performance for himself and sticks to them. His attitude of doing a defect free job pervades all his activities."

If you have a candidate for a ZD Award for the fourth quarter, submit your recommendations to Al Ross, Zero Defects Administrator.

Let's Go! Push the Cost Reduction Goal Over the Top for 1970

Melpar's Cost Reduction Program for 1970 has a dollar goal of \$520,500. Every single employee is needed to reach this goal . . . or better still, push it over the top! Special emphasis is being placed on completing all suggestions presently under evaluation and in processing new ones as received.

Look for cost reduction ideas everywhere! When you develop a suggestion which you feel would result in a cost reduction or improvement action, submit it now on form GO-340 and forward the original and one copy to A. M. Ross, Cost Reduction Administrator.

No approvals are required prior to your submittal. All participants will be notified of final action on each suggestion within 30 days following receipt of the suggestion. All suggestions are acknowledged and evaluated.

Remember, in addition to being eligible for earning U.S. Savings Bonds up to \$200.00, all employees submitting accepted suggestions are eligible for the Value Improvement of the Year Award. In addition, a copy of the acceptance memo is filed in the employee's personnel jacket and attached to the Merit Review form for consideration by the supervisor.

Don't overlook anything. Little things mean a lot when it comes to savings . . . an example: Most of us at one time or another have experienced frustration and time consuming delays when trying to reach another employee whose telephone extension has changed. Such frustration and delays could be greatly reduced if everyone writing internal correspondence would include the originator's telephone extension. This would enable recipients to up-date their telephone directories, or when a telephone reply is appropriate or required, provide immediate access to the correct number.

NEEDLEWORK AT MELPAR?

Approximately 350 Melpar employees were given flu shot on October 7th in the dispensary, by Company Doctor James Gannon, Jr., assisted by Nurse Beverly Slane.

The serum was a combination of Hong Kong, Asian and Massachusetts vaccine.

"Kayaking" the Colorado

Electrical Engineer Frank A. Birdsong enjoyed a thrilling and unusual experience recently when he rode a kayak 230 miles down the Colorado River through the Grand Canyon.

As advisor to Scout Explorer Post #757 of Howard County, Maryland, Frank accompanied 26 scouts and their leaders on the trip. Three kayaks and two thirty foot rafts made up the convoy. The boats were put in the water at Lees Ferry, Arizona at the head of Marble Canyon.

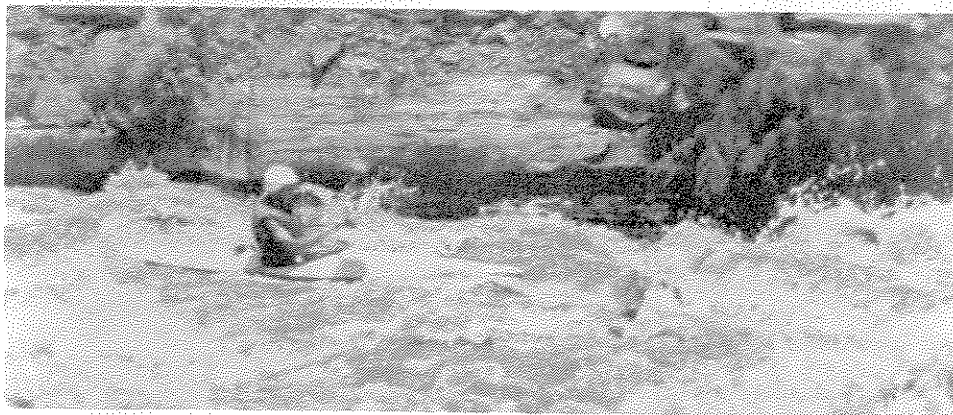
The trip ran to Diamond Creek Canyon (near Lake Mead and Boulder Dam) and took 10 days to cover. The boats shot all the rapids in the Colorado River without accident.

At night, the explorers camped on the canyon floor on small stretches of desert beaches. During the day, air temperatures reached 120 degrees while the water temperature was a chilly 48 degrees.

Frank recorded the trip with movies and slides.



FRANK SHOOTS THE RAPIDS IN HIS KAYAK



Views On Pollution . . .

About 25 trillion gallons of water are used annually in the United States. Of that, only about 5 trillion gallons are used by people for drinking, bathing, and waste disposal. Industry used 3.7 trillion gallons for various manufacturing processes and another 9.4 trillion for cooling. According to Government figures, 40% of all "municipal" waste is actually industrial wastes.

—Labor News Digest

Congratulations . . .

Another significant achievement has been accomplished partially through Melpar's Tuition Reimbursement Program.

Manufacturing Support Supervisor Bartholomew (Bart) Petrini received his degree of Master of Business Administration in the School of Government and Business Administration with a major in Marketing from The George Washington University on September 30th.

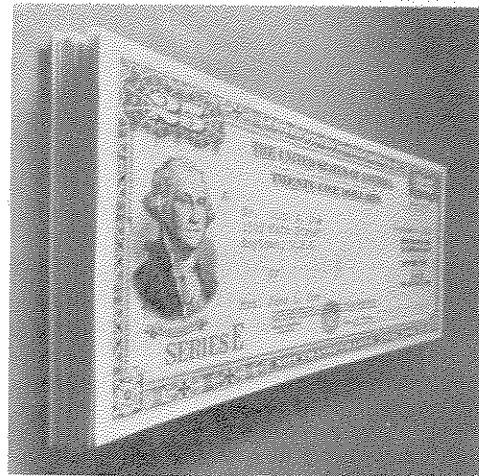
United States Savings Bonds Now Yield 5½%

Series E Bonds purchased on or after June 1, 1970, when held to maturity will receive an extra ½ percent, payable at maturity, raising the yield to 5½ percent from date of issue to date of maturity.

Outstanding E Bonds that have not reached their first maturity will receive a ½-percent increase in yield for semiannual interest periods beginning on or after June 1, 1970, payable as a bonus at maturity.

Outstanding E Bonds that have reached first maturity, or are extended beyond first maturity while the bonus is in effect, will have the ½ percent credited at the end of each semiannual interest period beginning on or after June 1, 1970, through their next maturity. The bonus is payable whenever the bonds are redeemed.

Melpar recently conducted a drive to increase the number of subscribers to the Payroll Savings Plan. At the end of the drive, 144 Melpar employees had subscribed (approximately 20%), an increase of 15%. The total dollar deduction per pay period is \$2,851.00.



TAKE STOCK IN AMERICA . . .

Buy a bond, enroll in the Payroll Savings Plan.

Published by

MELPAR

*A Division of LTV
Electrosystems, Inc.*

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Photographers..... R. K. Sakamoto
H. O. Glittenberg

Sixteen Celebrate Service Years

TWENTY YEARS



L. M. Barrick



L. S. Carter

FIFTEEN YEARS



M. C. Amorosi



L. E. Armstrong



P. L. Bachman



R. L. Brooks



R. D. Cathell



J. E. Clatterbuck



W. T. Cradlin



R. G. Haggerty



O. C. King



J. R. Ross



T. L. Wood

TEN YEARS



C. E. Harty



J. E. Powell



H. A. Rudacille

Sixteen Melpar employees gathered in the cafeteria for a "Pin Luncheon" on September 16th to observe their service anniversaries with the company.

Two reached their 20th anniversaries, eleven their 15th, and three observed 10 years of service.

They were accompanied to the luncheon by their Department Managers who presented them with their service pins.

On the Mend . . .

Frances Wilbur has recovered from surgery to her left wrist and Ernest Culver has recuperated from two bouts with the surgeon's knife.

Three Melpar employees donated blood for James Blevins who is convalescing after major surgery. They were E. R. Paine, J. Kettlewell and J. Peeler.

Atley Fristoe is recovering from multiple injuries received in an auto accident on September 5th, when his car left the road and plunged down an embankment near The Plains, Virginia.

Know Your Creditors . . .

A wholesaler of candy received an order for \$3.79 of merchandise to be shipped on credit to the Sammysue Candy Company. The wholesaler, although not overwhelmed by the size of the order, entered it in his books and put through a credit check on his new customer.

In time he received this detailed report on the credit of his new account:

"The Sammysue Candy Company is a tiny business venture which retails candy at 4907 Gloversville Street from the back porch of the residence of Mr. and Mrs.

1970 United Givers Fund Campaign Is On

The 1970 United Giver's Fund Campaign started on September 15th with a goal of \$14,400,000 to be distributed among 157 agencies. Joseph B. Danzansky, President of Giant Food, is Chairman of this year's drive. In 1969 more than 1,000,000 people were directly benefited by UGF agencies. This year's slogan: "GET OFF YOUR APATHY. GIVE MORE; GET BACK A BETTER COMMUNITY."

The fight is for *your community*. Your adversaries come in all shapes and forms . . . drug abuse, deprivation, alcoholism, mental and physical illness. Children, teenagers, adults, the aged . . . all losers.

Weighting the battle against you and all the people are neglect and indifference.

Unless we all lend a hand, the battle can spill over into the front yards of our community.

Action by those who can help is the only solution. Let's all take seriously the following words:

**Get
off
your
apathy.**

**Give to UGF.
Get back
a better community.**

Gilbert Marrion. The proprietors of the company are Samuel and Susan Marrion, aged ten and seven, son and daughter of Mr. and Mrs. Gilbert Marrion. Both owners are of good reputation and unmarried. Value of cash and merchandise on hand is \$5.32, largely in gum drops, chocolate bars and bubble gum. Rent is a dime a month, paid to the parents of the proprietors, who do not seem to be attempting to make any money out of the rental phase of the operation. There are no known liabilities."

The candy was shipped promptly.

Reprinted from "Random Thoughts"