

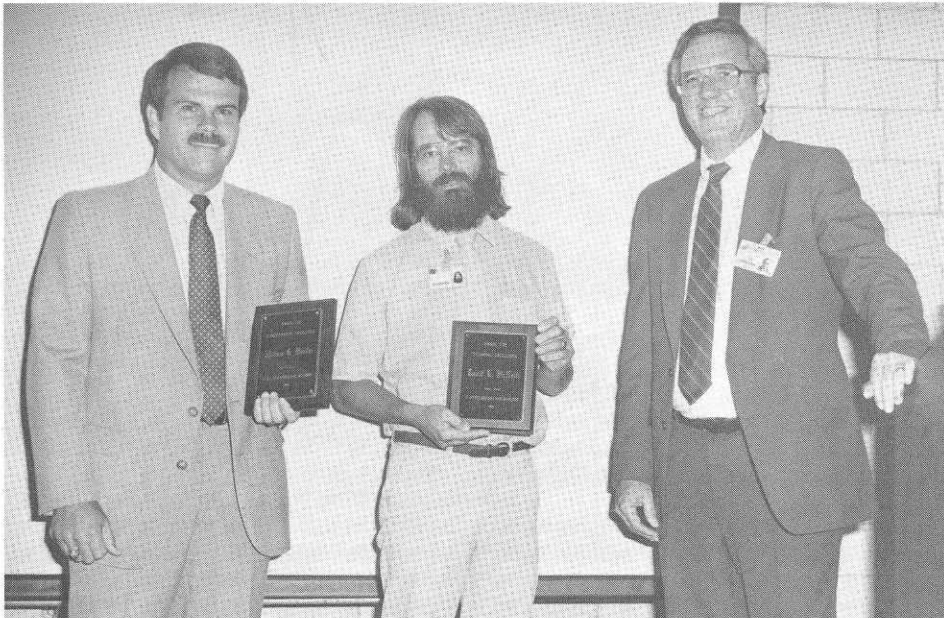
MELPARTICULARS

Volume 6, Number 4

E-Systems Melpar Division

August 1985

AWARD FOR ADMINISTRATIVE EXCELLENCE ESTABLISHED



Vice President and General Manager Talbot S. Huff, standing with Dave McNeill (center), recipient of the Award for Technical Excellence, and Bill Moeller (left), recipient of the Award for Administrative Excellence.

A new Award for Administrative Excellence was established and awarded this year. This formal recognition is in addition to the Award for Technical Excellence initiated in 1984 by Vice President and General Manager Talbot S. Huff.

The Award for Administrative Excellence is based on similar precepts as the Award for Technical Excellence. This award was implemented as a means of recognizing an individual who has made significant contributions or achievements in the administrative processes at Melpar. In the three operating organizations, this includes personnel primarily involved in administrative activities such as cost analysts, secretaries and other clerical positions, and personnel in Finance and Administration, Advanced Programs, Quality Control, Support Services and Industrial Relations.

At the June management dinner, Talbot Huff presented these two awards to this year's nominees for their prominent technical and administrative contributions to the company in 1984. Dave McNeill, who is Technical Assistant to the Director of Computer Systems, was selected by the

committee to be given the Award for Technical Excellence for his contributions to the Teal Ruby program. McNeill's accomplishments and achievements revolved around his Teal Ruby mission analysis of realtime software systems and his conception and design of a universal self-defining research data tape to satisfy a multiple user environment with as yet unspecified hardware suites. In addition, McNeill worked closely with the Environmental Research Institute of Michigan in developing the image processing capabilities, and developed the techniques to interface the VAX and RAMTEK image processor. To add to his long list of achievements, McNeill also developed the loop movie and the sliding gray scale concepts. He created an approach to significantly reduce the data storage requirements for each mission by incorporating an array processor and other hardware.

Bill Moeller, Senior Contract Administrator, was unanimously chosen as the recipient of this year's Award for Administrative Excellence for his significant contributions and the positive impact his actions have had on Melpar's busi-

EXCELLENCE AWARDS Cont. on page 4

HIGHLIGHTS OF JUNE MANAGEMENT MEETING

As the first six months of 1985 drew to a close, Vice President and General Manager Talbot S. Huff took occasion at the June Management Dinner to reassess the Division's past performance and plan ahead for the short-term and long-term future.

The first order of business was the presentation of the Awards for Administrative and Technical Excellence to Bill Moeller and Dave McNeill, respectively (see Award article). Following the Service Awards distribution, Mr. Huff began his speech by congratulating all the Melpar employees for winning the Division of the Year Award in 1984. "I think we did an excellent job. It was the first year it came to Melpar and we would like to have it back next year."

After his introductory message to an attentive audience of approximately 400 people, Huff reviewed Melpar's performance for the first half of 1985 and outlined some important points for Melpar's future development. He stressed the necessity of delivering quality products on time to customers and maintaining contract performance. "I see a real improvement in the quality of the competitive pursuits we are following," he stated.

Projecting into the future, he emphasized planning as the fundamental base for divisional growth into the 1990's. "The constant need for new

MEETING Cont. on page 6

MELPAR FALLS CHURCH SOON TO MOVE INTO NEW ADDITION

The Melpar Division has executed a ten year lease with the landlord for 130,000 square feet on the third and fourth floors of the northwest addition to the Melpar complex at Falls Church.

The relocations are projected to begin in August. Q.A. Systems Management and Operational Support are the first two groups to move, followed by Publications and Duplicating. Next, some closed area operations will relocate, allowing room for interior adjustments with Planning, SAT, Communication Interface Network, and Processing and Control.

Security Spotlight

One of the ways certain foreign powers use to gather engineering and technical data is to let it be known that a purchase is contemplated and then gather the desired information, and even samples, from the responses.

The seemingly valid Request for Proposal (RFP) may specify that the bidder is to provide detailed engineering drawings, equipment lists, sources, performance data, spare parts lists, and much more. After reviews, trips to plants, extensive discussions with engineers and technicians, and perhaps after the furnishing of more detail, the negotiations are abruptly terminated. Of course, the bid packages are not returned. They represent the best available in systems engineering services, all at no cost to the requesting nation.

United States vendors have been the victims of this scam many times. The moral for us is that we should be very cautious about providing technical information to those whose motives we suspect are self-serving. Of course, not all of us are involved in this type of activity, however, many of you may participate in technical symposia and professional society conventions where papers may be presented containing information of interest to foreign governments. You may be approached by other attendees seeking information, or you may receive letters or phone calls requesting the information.

We think of "export" as a very formal procedure, entailing export licenses, overseas packaging and crating, etc. Actually, the rules exclude all forms of information transfer, including oral communication with individuals or presentations in briefings and lectures.

Let's be very cautious. If we have plans for publishing a technical paper, or disclosing technical information in a briefing or lecture with non-E-Systems people in attendance, we must make prior arrangements for the appropriate clearances and approvals. If any Government or Government-related project information is involved, prior Government approval likewise is required. Consult your Security Manager for guidance. Let's not give information away!

CORRECTION

We apologize for the incorrect figures printed in the June issue of *Melparticulars* in the Retirement Plan article. The correct information should read: BASIC FORMULA (1-1/2% x average monthly pay x years of service) minus (1/2% x Social Security x years of benefit service).

MELPAR PROMOTES TWO TO VICE PRESIDENCY

MICHAEL L. COOKE
VICE PRESIDENT OF
ADVANCED SYSTEMS



Michael L. Cooke has been promoted to Vice President of Advanced Systems. He will replace Harry J. Foulkrod who has accepted a position as Vice President of U.S. Customer Relations with the E-Systems Office in Washington, D.C.

As Vice President of Advanced Systems, Cooke's responsibilities will include expanding the efforts and business opportunities in Systems Electronic Warfare. He will report directly to Vice President and General Manager Talbot S. Huff.

Cooke joined E-Systems in 1983 as Director of Program Management. Prior to joining Melpar, he was with the Loral Corporation where he was responsible for a microwave component product line for use in military hardware.

Cooke is a native of Glen Ellyn, Illinois. He received a Bachelor of Science degree in Mathematics from the Massachusetts Institute of Technology (MIT) in 1961 and his MS in Physics from Syracuse University in 1963. He also completed doctorate requirements in Physics at Brandeis University. Cooke currently resides in Fairfax, Virginia with his wife and three children.

SAMUEL M. WARREN
VICE PRESIDENT OF
ADVANCED DEVELOPMENT



Vice President and General Manager Talbot S. Huff recently announced the promotion of Samuel M. Warren to Vice President of Advanced Development. In his new position, Warren will report directly to Talbot Huff.

As Vice President of Advanced Development, Warren's responsibilities include engineering development and production of electronic warfare and physical security electronics. Warren joined E-Systems in 1984 as Director of Communications Products. Prior to joining Melpar, Warren was with Watkins-Johnson where he served as manager of the Communications Systems Department.

A native of Troy, Kansas, Warren earned a BSEE degree from Kansas State University in 1958 and an MSEE degree from the University of Maryland in 1965. He currently resides in Silver Spring, Maryland with his wife, children, and grandchildren.

VIDEO TRAINING COURSE

In a continuing effort to provide training at Melpar, an introduction to C Language Programming was presented in 16 video modules accompanied by test material. The engineers who participated were divided into four groups and viewed the course during off-hours in the spring.

Dan Herod, Software Analyst, served as a tutor for the group, answering questions not covered in the course as well as highlighting the more important features of the language. In August, an introductory course in Unix will be offered in 13 modules at Melpar to qualified employees. For information call Shannon Porter, ext. 2370.

MELPARTICULARS

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BILL STONE RECEIVES AUVS 1985 PIONEER AWARD

Today, unmanned vehicle systems (UVS) incorporate a technology so innovative and sophisticated that their applications are practically limitless. William M. Stone, Technical Assistant to the Vice President of Advanced Programs, is well aware of the capabilities of unmanned vehicles. He has been working on airborne intelligence and electronic warfare systems at Melpar for more than 29 years.

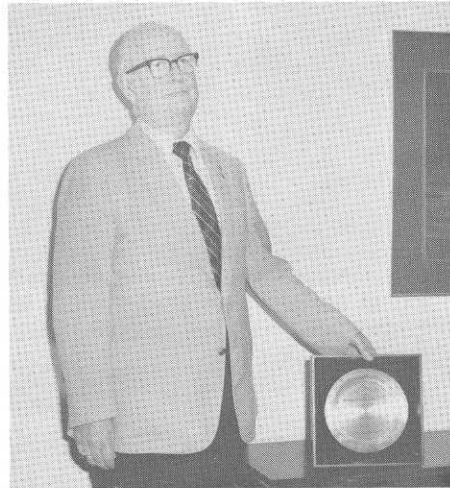
In July, Bill Stone was selected by the Association for Unmanned Vehicle Systems (AUVS) as the recipient of the 1985 AUVS Pioneer Award. His "dedication and sterling leadership in the development of unmanned vehicle systems which were deployed in the Southeast Asia conflict between 1964 and 1974" earned him recognition from the AUVS as one of the truly outstanding pioneers in UVS development. "I was surprised to receive this award," Stone said, "but I appreciate the acknowledgement." He was also commended for his continuing contributions of advanced concepts and innovations.

In retrospect, a series of events lead to the development of drones and Remotely Piloted Vehicles (RPVs) at Melpar. In the early sixties, Melpar was working on aircraft homing and warning systems. Stone described the origin of his work with unmanned vehicle systems. "I got involved with these systems as a result of seeking related business pursuits for the company. Basically, the initial purpose of the drones was to fly in and gather reconnaissance, whether it be visual or electromagnetic, in situations where it was too dangerous for pilots or too expensive to risk reconnaissance aircraft." Following a reconnaissance incident over Russia in 1960, and a few years later the Cuban Missile Crisis, as well as the capture of Commander Booker by the North Koreans, the risks that manned vehicles posed for surveillance and intelligence gathering were becoming increasingly unacceptable to the government. These risks became even less acceptable with the advent of a viable alternate; aerial reconnaissance by drones.

During the 1960's decade, the USAF and Ryan Aeronautical Company successfully converted "target" drones into a family of high and low altitude reconnaissance RPVs for use in Southeast Asia. Stone was introduced to the operation and its problems by USAF Colonel Daniel C. Emrich. High altitude RPVs were being lost to hostile Surface-to-Air missiles and interceptor aircraft. Stone and Emrich reasoned that homing and warning technology could be interfaced with a

drone's autopilot and active ECM techniques to improve survivability. Stone and Melpar's Avionics Department went to work on the problem in late 1966.

Colonel Ellsworth Powell, of the RPV procurement office, was sold on the possibility of increasing the survivability of high altitude drones, and



Melpar entered the business under subcontract to Ryan. The Quick Reaction Capability (QRC) contracts and the operational capability of these drones were successfully executed. By 1969, Melpar had earned a reputation for on-time delivery of technically excellent products developed within cost.

As the confrontation in Southeast Asia escalated, Stone was totally immersed in Melpar's intelligence systems projects. "Most of the RPV work done up until 1969 had to do with building an electronic defensive system for the survivability of the drones. After the incident of the downed EC-121 aircraft by North Korea, we put our first remotely controlled communications receiving capability into the drones." This was a direct result of a demand for the development of a new electronic collection capability which would minimize the risk of international incidents and loss of lives. Stone became the front man for the communications intelligence (COMINT) R&D done on drones. "We were all

AUVS AWARD Cont. on page 4

SAVINGS BOND DRIVE SURPASSES 99% PARTICIPATION

The Melpar Division has again proved itself a winning organization in the completion of a very successful 1985 Savings Bond campaign. The week of June 24 ended with total participation division-wide, reaching 99.2%.

Our outstanding participation rate has made us all winners. It has aided in maintaining E-Systems' position as the highest participant in U.S. Savings Bonds nationwide. Bonds are also a good personal investment, currently paying 9.49% interest. This interest rate is recalculated every November and May, and is at least 85% of the U.S. Treasury Bill rate. Payroll deduction makes sure the future gets a share of your paycheck.

We can be especially proud of the dedication exhibited by this year's campaigners, which made it possible to achieve such high results. Bond Week saw many examples of exceptional enthusiasm. Lois Weimer and Chris McConnell dressed in variations of our nation's colors to symbolize the occasion, as well as the importance they gave the project. Maggie Hess coordinated her group into an unprecedented campaign activity—decorating the Engineering Development Department in red, white and blue colors and organizing group members into patriotic cake baking. Other expressions of patriotism and campaign support were

in evidence all over the company.

This year's lucky \$100 Bond winners were Laura Murias-Brown, Jeff Dodson and Kevin Tiene. Twenty-one names were also drawn at random, and submitted for the corporate drawing for the trip for two to the Cape Canaveral launching of the space shuttle.

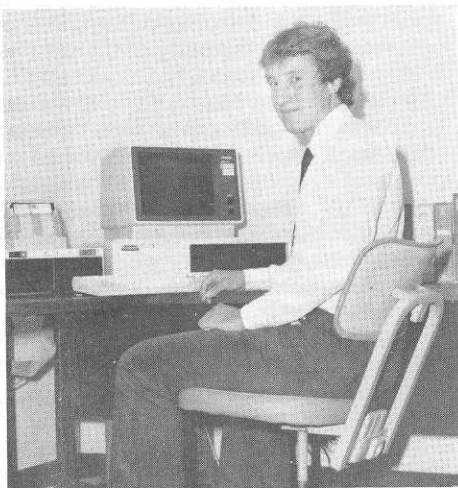


Neal Ishman drawing the names of the \$100 Bond winners from the hat held by Shannon Porter, one of the Chairmen of the Savings Bond Campaign.

CHARLES TURNAGE RECOGNIZED FOR OUTSTANDING ACHIEVEMENTS

Working and going to school simultaneously is always a challenging experience, but for Charles C. Turnage, a part-time employee at Melpar, his dedication at work and scholastic achievements won him recognition from the National Capitol Association for Cooperative Education (NCACE).

Various universities belong to the NCACE. Annually, one co-op student is picked by each institution's co-op coordinators and is thus recognized for excellent achievements. Turnage,



who is presently completing an AAS degree in Data Processing at the Northern Virginia Community College (NVCC), was one of 12 students in the Washington, D.C. district distinguished by the NCACE for their outstanding contributions on the job. "The award is based on your work performance," he explained.

Turnage joined the Co-op Program at NVCC which gave him the opportunity to apply the academic knowledge he has accrued. Typically, the co-op coordinator keeps files on students who qualify for the program, and tries to match the student's resume with a company looking for specific qualifications. If an employer is interested in the resume sent, they then contact the prospective candidate for an interview. "I had to compete for the job at Melpar," he said, "and I was fortunate to get this chance to work for E-Systems."

Decidedly, Turnage used this working opportunity well and as a result he was chosen NVCC Co-op Student of the Year for 1985. He was selected for this award because of his self-motivation, and for the hard work he has put into learning new computer languages and applying them while under the

guidance of Richard F. Kolasheski, Staff Assistant to the Vice President of Advanced Development. "What impressed my co-op coordinator was what I managed to do with the job opportunity that was offered," he said. Consequently, it was the co-op coordinators at NVCC who submitted Turnage's name to the NCACE for certification at the end-of-year student recognition luncheon held in June.

Words come easily to Turnage, who also holds a BA degree in Psychology from Wake Forest University. He described some of his school work which involves mainframe programs using high level language, as well as his work on Columbia and IBM microcomputers at Melpar. Because of the ever-growing discoveries in the computer field, he reads to keep up with the current data processing information constantly being published. He also enjoys athletic activities such as running, basketball and tennis. Charles Turnage had nothing but praise for the group he works with at the Fairfax facility. He stressed his special appreciation for the guidance and support Kolasheski, his supervisor, has shown him.

Credit Union News

A credit union is a member-owned, nonprofit cooperative thrift institution formed for the purpose of encouraging savings by offering a good return, using collective monies to make loans at competitively low interest rates to members, and providing other member services on a cooperative basis. Members are united by a defined field of membership and democratically operate the credit union.

The Melpar credit union, in its 12th year, will continue to conduct its relationships and operations in accordance with this purpose and uphold its fundamental commitment to serving its members. Your credit union is committed to the highest standards of responsibility and conduct.

The Melpar credit union pledges to encourage thrift and savings and to protect the assets placed in our care and custody. We pledge to practice and maintain high standards of sound management—including efficiency, integrity, and economy of operations. We are a federally chartered credit union and belong to a nationwide group of credit unions that operate under federal laws and regulations.

AUVS AWARD Cont. from page 3

working long hours back then, sometimes we'd put in 30 to 40 hours straight trying to complete a project."

The impact of Stone's participation in R&D on drone and RPV intelligence systems was evidenced by the fact that he had contributed to the development, test and successful operational status of every airborne remotely controlled COMINT system in the USAF inventory through 1981.

Operational and maintenance costs, reliability, survivability and air traffic safety, finances, coupled with minimal public awareness, plagued the RPV development from the start. More recently, interest has been regenerated with the successful Israeli use of drones in the Bekaa Valley in 1982. However, the role of unmanned vehicles is not strictly military. RPVs have numerous civilian functions such as border patrol, scouting tuna migration for fishing, and aerial agrarian photography. On a larger scale, much of the information gathered in space, or from the ocean depths are carried out by unmanned vehicles.

Bill Stone's innovative work in the development of unmanned vehicles stands out as a shining example of

EXCELLENCE AWARDS Cont. from page 1

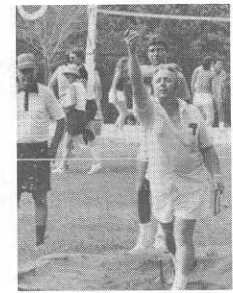
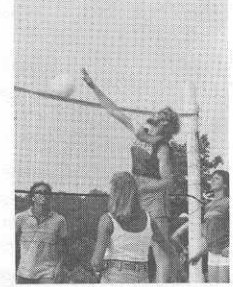
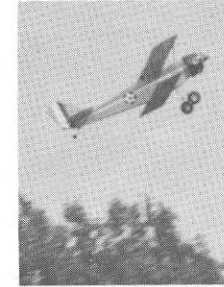
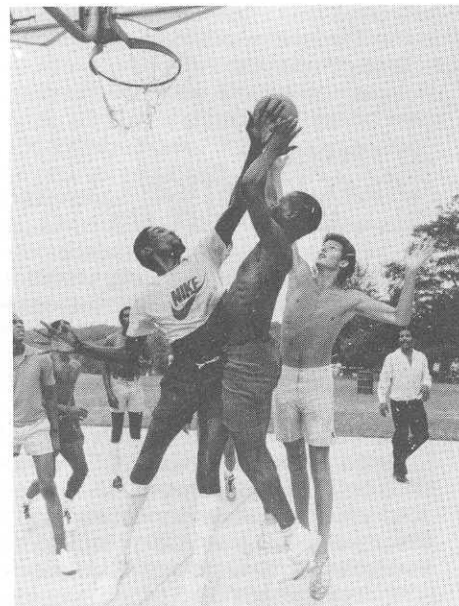
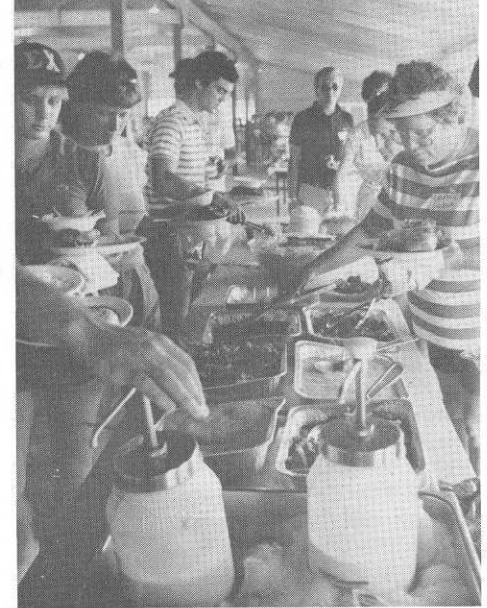
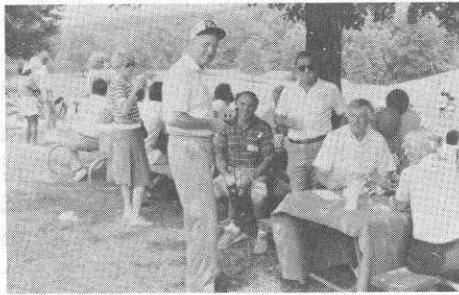
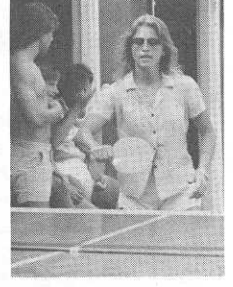
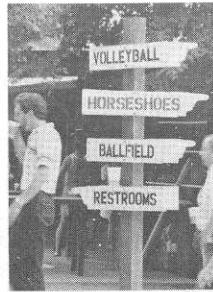
ness activities. Moeller's business strategy advice to program management and engineering personnel and his professional rapport with customers won him this recognition. He also convinced customers to combine contracts for earlier turn-on of a program via a letter contract, and was innovative in working the restructuring of two other program contracts with Program Management and the customer.

Both of these exceptional individuals were presented a trophy and a \$250 check for their superior contributions. In addition, their names were engraved on plaques that are mounted in the front lobby of the Falls Church facility. Huff had high praise for both E-Teamers and he challenged everyone in the audience to strive for the awards next year.

pioneer work in the field of Electronic Warfare. Stone described the incredibly diverse future potentials of unmanned vehicles in one sentence. "The limits of the applications of unmanned vehicles are the limits of the universe."

10th Annual Company Picnic

Photo credits to Reggie Harris, Larry Jacobs, Jr.
and Bill Ramsey



ED ROSE ELECTED VICE PRESIDENT OF AUVS

Edward A. Rose, Jr., Technical Assistant to the Vice President of Advanced Development, has been elected First Vice President of the Association for Unmanned Vehicle Systems (AUVS) at the Annual Symposium held in Anaheim, California.



Rose will hold the office of Vice President of the AUVS for a one-year term. He will continue to serve as a member of the Board of Trustees to which he was elected in 1983.

The AUVS is a non-profit organization headquartered in Washington, D.C., serving those sharing an interest in the expanded development and use of unmanned vehicle systems. The Association both encourages the advancement of UVS technology, and promotes the education of association members and the general public in the wide range of UVS applications.

Due to his contributions through the company's RPV programs, Rose was the recipient of the AUVS Pioneer Award in 1980. Rose has been a charter member of the AUVS since 1972.

MEETING Cont. from page 1

creative development, good technological performance and, most of all, hard, smart work by dedicated employees will be paramount in the coming years," he said. "The key word here is competition, and to meet these competitive challenges we must continue to be leaders in our field."

Huff outlined prospective business strategies by emphasizing continued diversification, enhancement of a technological edge, and improvement in competitive postures. "Productivity and efficiency will be very important," he said, "I think we are doing a good job, but we will have to pay a lot more attention to new technologies." As far as operational strategies are concerned, the thrust will be to maintain a good production capability and to communicate to everyone precisely where the Company is going.

Summarizing the highlights of his speech, he concluded by saying "Communication is fundamental, and it is very important that everyone be a part of our divisional goals."

A LOOK AT GWU'S FALL SEMESTER

The George Washington University's School of Engineering and Applied Science is gearing up for another fall semester packed with interesting courses. In addition to offering classes towards a Master of Science in Communications (EE) and a Master of Science in Computer Science (CSci), GWU will be offering a new Master of Engineering Administration (MEA) program.

For the Masters of Engineering Administration program, registration will be from 5 to 7 p.m. on Thursday, August 29. For academic information call the GWU MEA faculty advisor, Professor Terry Lynch, at 676-3653. For the MS programs in Communications (EE)

and Computer Science (CSci), registration will be held at Melpar between 5 and 7 p.m. on Tuesday, August 27. Professor Pickholtz will be available for individual academic counseling during registration. (The proposed Fall Semester courses for 1985 appeared in the June issue of *Melparticulars*.)

Fall Semester tuition for the programs is \$299 per credit hour or \$897 for each three-credit course. Classes begin on Tuesday, September 3 and end on Monday, December 16. All classes will meet one evening per week from 6 to 9 p.m. For general assistance on administrative matters, please contact GWU program coordinator John Williams 676-7029.

Library Up-date

In addition to Melpar's Technical Library, Technical Support Services provides several information systems through the Specification Center and the Vendor Catalog Library.

The Specification Center is located on the fourth floor of the Falls Church facility and makes available standards and specification reference material in the form of microfilm and microfiche. This system may be used by all Melpar employees, and an information search can be facilitated with help from the Assistant Librarian. The Specification Center provides two services, the Defense Sector Service (DSS) and the Master Index (MI).

The DSS offers the following reference indexes:

Active Numerical Index: This lists standards and specifications arranged numerically by document number.

Alphabetical Index: This lists standards and specifications arranged by document title, alphabetically, usually by the title's key word.

Subject Index Federal Supply Classification: This lists standards and specifications arranged alphabetically according to the document subject, usually by the subject key word.

Also offered in the Specification Center is the MI. This series offers two indexes. Strictly as a cross-reference guide, the MI system will provide comparison information for three areas of documentation: Construction Regulations, Defense Specification, and Industry Standards. These can be found in either a Numerical Index or an Alphabetical Index.

The DSS and MI systems also include reference to Military Standard (MS) drawings, Data Item Descriptions (DIDs) and Qualified Products Lists (QPLs). The system may additionally provide reference information pertaining to private industry.

Another library service provided at Falls Church is the Vendor Catalog Library, located in the Technical Library on the first floor. The Vendor Catalog's reference material is available in the form of microfilm. The system is on a continual update service and may be used by any employee, with the assistance of the coordinator.

Any information or questions on the Specification Center can be addressed to the Assistant Librarian, Connie Adcock, or to Sandy Riedel.

ATTENTION: GREAT VACATION? TELL US ABOUT IT!!

If you had an interesting vacation, or if you simply had a wild travel experience this summer, tell everyone about it. You need not have climbed the Himalayas, or taken an ocean cruise to Norway... stories about fun, sun and relaxation are all we want. Please contact Anne-Marie Eid at extension 2717 if you would like to share your vacation experiences with us, or simply submit your story to *Melparticulars* for the October issue (deadline September 23).

1985 SERVICE AWARDS — THIRD QUARTER

Thirty Year Service:



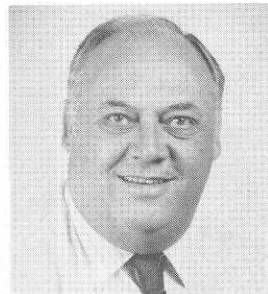
Leroy E. Armstrong



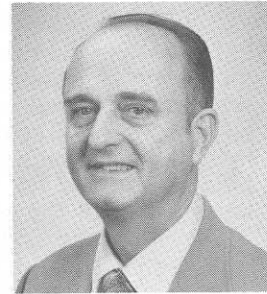
Philip L. Bachman



Robert D. Cathell



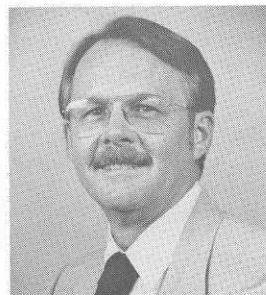
James E. Clatterbuck



Robert G. Haggerty



Oliver C. King



Bobby G. Stilwell

Fifteen Year Service:

Frank A. Birdsong, Jr.
Joseph P. Fiala
Harold A. Thomas

Ten Year Service:

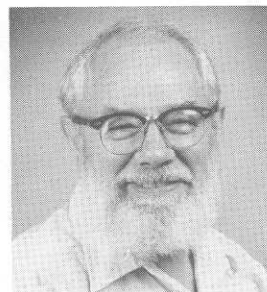
Ethel K. Early
William E. Matheny
Vickie J. Phillips

Five Year Service:

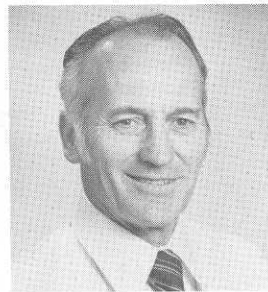
James R. Amos
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Janice J. Knies
James P. Lisbeth
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Valerie L. Montague
Bruce E. Nicoll
Kevin M. Segner
Robert J. Seliquini
Arthur J. Stefanelli, Jr.
Robert M. Swift

RETIREES



Thomas N. Bevans
28 years



Bob C. Hood
6 years

No photo — Charlotte E. Maltby
29 years

Twenty-Five Year Service:

Herman A. Rudacille

Twenty Year Service:

Katherine L. Clark
Betty A. Owens

PROMOTIONS — MAY AND JUNE

From	To
D.A. Arentson	Line Inspec 1cl
S.M. Bailey	Planning Asst
W.E. Barber	Metrology Eng
C.E. Benitez	Sr Elec Eng
R.W. Bernard	Elec Eng
R.J. Bolling	Jr Cost Analyst
G.T. Boswood	Programmer
T.C. Brannan	Elec Eng
W.D. Brooks	Programmer
C.C. Coleman	Maintenance Asst
D.W. Craver, Jr	Metrology Aid
J.V. Criste	Design Eng
M.E. DeFilippi	Software Analyst
D.M. DiFerdinando	Planner
D.T. Drum	Elec Eng
D.V. Edmonds	Data Entry Oper
H.R. Edwards	Elec Eng
M.B. English	Inc Test Tech
R.C. Fitch	Sr Design Eng
P.H. Geberth	Software Analyst
B.R. Hoppes	Elec Eng
A.G. Hupke	Elec Eng
E.F. Hutchison	Assem 1cl
R.L. Jamison	Paint Spray Op 2cl
R.L. Kimble	Maint Mech
R.J. Knebel	Eng Tech
D.B. Lynch	Sr Eng Tech
G.A. Marcantoni	Sr Elec Eng
D.W. Mumma	Elec Eng
R.F. Needham	Assem
L.A. Newcastle	Elec Eng
C.C. Page	Jr Cost Analyst
R.A. Patrick	Planning Asst
W.J. Rinard	Sr Elec Eng
D. Robinson	Computer Oper
S.J. Sizemore	Jr Cost Analyst
T.M. Smith	Programmer
J.A. Solomonson	Programmer
L.E. Stein	Elec Eng
R.M. Stephens	Programmer Asst
K.A. Stewart	Jr Pub Spec
R.J. Still	Sr Elec Eng
D.K. Sutphin	Report Typist
J.W. Taylor	Prin Mech Eng
C.A. Wade	Dupl Mach Op Grp Ldr
J.C. Woolfolk	Data Entry Oper
L.J. Ziegler	Software Analyst
	Electro-Mech Inspec
	Planner
	Sr Metrology Eng
	Eng Supv
	Sr Elec Eng
	Cost Analyst
	Software Analyst
	Sr Elec Eng
	Software Analyst
	Facilities Work Cont
	Jr Metrology Asst
	Sr Design Eng
	Software Supv
	Planning Spec
	Sr Elec Eng
	Sr Data Entry Oper
	Sr Elec Eng
	Sr Inc Test Tech
	Prin Design Eng
	Sr Software Analyst
	Sr Elec Eng
	Sr Elec Eng
	Assem Tech
	Paint Spray Op 1cl
	Maint Mech 1cl
	Sr Eng Tech
	Assoc Elec Eng
	Prin Eng
	Sr Elec Eng
	Assem 1cl
	Sr Elec Eng
	Cost Analyst
	Planner
	Eng Supv
	Computer Oper A
	Cost Analyst
	Software Analyst
	Software Analyst
	Sr Elec Eng
	Programmer
	Pub Spec
	Prin Eng
	Sr Report Typist
	Eng Supv
	Sr Dmo Grp Ldr
	Sr Data Entry Oper
	Sr Software Analyst

Sports Corner... SOFTBALL SEASON: WINNING AND LOADS OF FUN FOR EVERYONE

THE STINGERS

The Melpar Women's softball team, the "Stingers," finished their season with ten wins, making for an overall successful year. The girls had the ability to go undefeated, but consistent hard hitting did not begin until the second half of the season.

The Stinger season opened on May 8 at Whittier Stadium, with most of the games played at Ossian Park. All games were double-headers, which made for long, exciting evenings of action-packed softball! The Stingers won the last regular season game which qualified them for the post-season Tournament. The Stingers then lost their first tournament game, only to rally and beat the Continental Federal team in game two. However, playing with nine tired girls in a ten-player game, the girls lost as Brighton Cleaners rallied from an 11-6 deficit in the last inning to a 13-11 victory. The Stingers valiantly finished fourth in a very competitive tournament.

The coaches were Doug Snow and Joe Bullman, to whom the team owes much thanks for organizing the season. Special thanks also go to Jerry Coffey, John Hall, Tom Hubicz and Greg Taylor for all their additional help and support.



Standing left to right are Stingers Linda Duvall, Susan Reynolds, Karen Snow, Susan Gonsky, Marilyn Waltermire, Marlene Eisenbarth, Gina Smith, and Cecilia Green. Kneeling from left to right: Sharon Kirland, Brenda Bryant, Billie Clark and Tess Bertoni.

Photos by Lisa King.

THE E-TEAM

The Melpar "E-Team" softball team competed in Division II of the FCASC Industrial League this summer. After a slow start against tough opponents, Melpar came on strong at the end of the season. In the final game of the season Melpar banged out 30 hits, thrashing play-off contenders Forman Distributing Company 27-12. The final outcome of the season was a little disappointing, but the E-Team is looking forward to next year's softball season. Anyone interested in joining the team, or needing further information should call Kerry Rowe at extension 3868.

SIGN-UP FOR TENNIS

The tennis ladder is currently in progress at Melpar. The sign-up for the Fall Tournament will begin at the end of August. For anyone interested in playing in the Tournament, or for general information about tennis at Melpar, contact Lisa Tkac on extension 4136.

CHAMPION BUSHWACKERS



The Bushwackers softball team thanks all the fans who helped them to an *undefeated* 18-0 record in the Industrial Division I.