J. BARTON 3021

HAMS provide relief

Health and welfare traffic

NADC's Amateur Radio Club did some Mexican earthquake rescue mission work of their own. They call it Health & Welfare traffic. Bob Greenwood a known HAM on Center received a call from Jim Macaulay who has close family friends living in Mexico City. Macaulay's had been trying to get through to their friends for four days without any success and had no idea whether they had survived the quake.

Greenwood was able to make contact with an amateur radio operator in Mexico City, which was incredible because there are a limited number of HAMS and frequencies in Mexico City. The catastrophe created heavy traffic on the already limited number of frequencies. The phone system within Mexico City was working, so the Mexican amateur radio operator called Macaulay's friends, found out everyone was alright, and relayed this information back to Greenwood within five minutes. He immediately called the Macaulay residence. Greenwood spoke to Macaulay's mother, who cried at the news of their friends' safety.

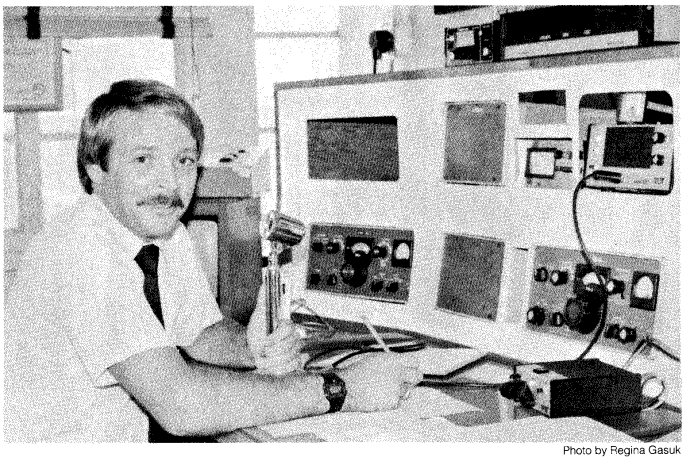


Photo by Regina Gasuk

NADC Reflector Vectron

Volume 30 Number 10 NAVAL AIR DEVELOPMENT CENTER, WARMINSTER, PA. October 1985

In this issue:

Combined Federal Campaign
Young Marine of the Year
Mass Casualty Drill
Comptroller Department
Ski Club News
Do you have allergies?

Office automation supplies Centerwide support

In case you haven't noticed, within the last three months, nearly 250 office automation workstations were distributed to clerical and administrative personnel across the Center. In October, the Computer Department (CD) will distribute another 150, the remainder of the first 400 unit procurement. A second 400 unit procurement will hopefully be awarded in January 1986. That may sound like a lot of computers . . . and it is. But, consider this: in '82 and '83 there were 108 individual requests for computers Centerwide of virtually every manufacturer on the market. Something had to be done or the Center would soon have interfacing nightmares. There was a definite need to standardize.

Through 1983, there were only small pockets of office automation around the Center. "Nevertheless," said Computer Department's Deputy Robert Finkelman, "we saw an increasing need for the sharing and consistency of info across the Center, for electronic mail, for automating travel orders and reducing documentation and report producing time." Center Commander, CAPT Sturm also saw the value of office automation and the need to control it. He issued guidelines promoting standardization and prohibiting "bandit" systems.

Photo by Regina Gasuk

The tip of the iceberg — surrounds Dan Tarrant, new office automation manager. These and many, many more office automation components were tested and installed around the Center.

-HARDEST PART YET TO COME-

The hardest part was yet to come — setting priorities — who needs it and for what. Finally, it was decided the most pressing need was for word processing capability. Work stations would go to secretaries first.

"We did a lot of research into IBM-compatible products" said Finkelman, "because of the enormous software capability and ease of competition. The fully competitive procurement was finally awarded to Federal Technologies Corporation, distributor of ITT equipment." There are two basic systems: the clerical/administrative system which has a monochrome display with capabilities including word processing, electronic mail and automated travel orders and the managerial system which has a color display with graphics including data base capabilities, exchange of data, central computer tie in and business graphics.

-TRAINING DOESN'T MAKE EXPERTS-

With the help of Dick Chern and the Employee Development Division, 120 clerical personnel received the two and one-half day word processing course. "We emphasized to managers this training won't make anyone an expert," said Finkelman, "Much like an engineer who goes to learn a new programming language, it still takes time to get comfortable with the system."

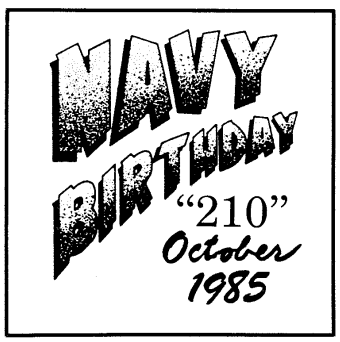
Training will be ongoing. There will be refreshers, electronic mail and automated travel order instructions as well as Center Information System and new system introductions.

-SAVED FROM FRUSTRATION-

A large part of this total effort was making sure the systems worked before installation. Each unit was inspected and run for about four hours processing several diagnostic programs. This saved already wary people from the added frustration of non-functioning equipment.

Finkelman said, "With the help of personnel on loan to the CD, we increased the estimated distribution of 50 units per month to 60 units per week. Now we're reaching the managers who originally didn't think they needed one; science and engineering systems come next". He added, "Everyone who ***needs*** one (computer) will have one, eventually."

Continued on page 4



Command Corner

CAPT Edward J. Sturm
Center Commander

Robert S. Buffum
Technical Director

FY86 starts a renewed energy conservation program both Navy-wide and here at NADC. It is time for all personnel to renew their commitment to control excess energy usage and eliminate wasteful practices. We have had an on-going program of facility repair and improvement projects as well as equipment replacement and modernization most of which resulted in more efficient energy use. These programs will continue into the forseeable future and will have our complete support.

We have to increase our awareness of energy usage and costs. Our energy costs affect our overhead rate and energy cost savings can result in making NADC more attractive to our sponsors for future work.

The FY86 Navy-wide Energy Awareness Week extends from 21-27 October 1985 and has as its theme: "Energy-Mission Critical". It takes energy to achieve our mission; it is one of the critical pieces of the whole equation. This concept is not hard to grasp but we must continue to remember it throughout the year, not just during Energy Awareness Week. Our Energy Awareness Program will continue throughout the coming months and I task each one of you to become more aware of our energy picture at NADC and take all appropriate steps to use it wisely.

EDWARD J. STURM
Captain, USN
Commander

ROBERT S. BUFFUM
Technical Director

Editorial Comment

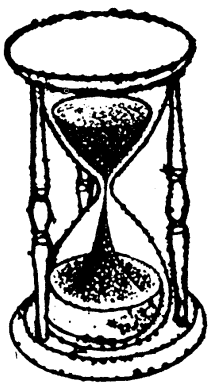
Flexi-time provides Center employees with an ability to come in between the hours of 0630 and 0830 and to return home after completion of eight hours work.

It has come to my attention (through personal experience) that flexi-time is responsible for a breakdown in our value system evidenced by a severe case of procrastination when it comes to getting up in the morning. Yesterday, I pressed my clock's snooz-alarm button a record 8 times before I finally got up. It is this author's opinion that flexi-time aided and abetted by state-of-the-art hardware (such as snooz alarms) is a curse and is contributing to the threatened extinction of some endangered positive character traits — such as punctuality, responsibility and a high energy level (the latter resulting from positioning my alarm clock across the room so that I am exhausted after getting up and going back to bed 8 times). These traits are being replaced by such character defects as tardiness, apathy, laziness and a high level of stress (from rushing around in the morning trying to get ready).

Years ago, before snooz alarms and flexi-time — when the alarm went off, you got up, for two reasons: first, you were afraid if you fell back to sleep you wouldn't wake up until noon and second, you'd be late for work. It's almost impossible to be late for work, nowadays.

Maybe if we were rated on our arrival time, it would produce the needed incentive. We could set goals and objectives of getting to work promptly at, let's say, 0700. We're outstanding if we make it by 0630; Highly Satisfactory between 0700-0730; Satisfactory if we come in at 0800; and Marginally Satisfactory if we arrive at 0830.

On second thought, this probably is not the solution. However, I see the need for some remedy to the problem, because if I push the snooz-alarm one more time I'm going to move right in to the marginally satisfactory zone. Besides, ... I'm sleeping my life away.



Combined Federal Campaign Kicks off FY-86 Drive

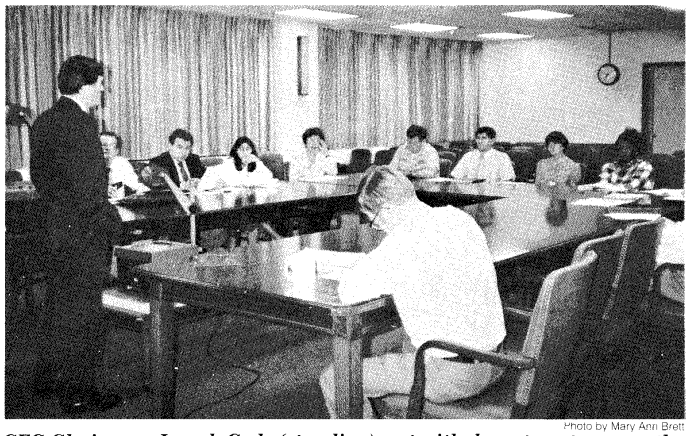


Photo by Mary Ann Brett

CFC Chairman Joseph Cody (standing) met with department reps on the administration of the campaign and the importance of 100% participation.

by JO2 Fred Dias

It's two o'clock in the morning in the town where you live. Suddenly an explosion disrupts the quiet of your neighborhood. Soon your whole block is engulfed in flames.

Your home is ruined: burned out. Now what? Immediate emergency assistance is available, partly because of your donation to the Combined Federal Campaign.

That's why the CFC holds an annual drive. The monies donated help organizations like the American Red Cross set up quickly to provide shelter and relief to victims of disasters.

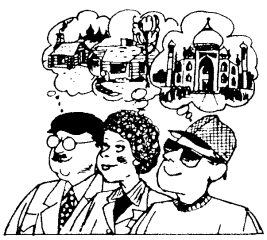
This year's NADC Combined Federal Campaign is scheduled to begin October 21st and continue until November 30th. The Center hopes to obtain a $95,000 goal.

Joseph Cody, this year's chairman, said, "The published list of charitable organizations this year is expanded to include all write-in agencies specified by NADC employees in last year's campaign." Contributors are permitted to write in the name of any human, health and welfare charitable agency recognized as tax exempt by the IRS, whether or not it appears on the list. "Again this year, new eligible write-in agencies will be accepted," Cody said, "simply write in the agency's name and address and campaign headquarters will follow through by checking their qualifications."

The campaign chairman explained that, "The campaign this year will encourage contributors to designate their gift to a specific recipient of their choice instead of making a general contribution."

The overall NADC participation last year was 80.1 percent. The Center hopes this year to increase that percentage substantially and meet its new goal.

Welfare and recreation



Christmas is coming . . . . Get in the Holiday Spirit . . . . Visit Winterthur and Longwood Gardens . . . . They'll be all decked out in holiday greenery. Leave NADC 10:15 a.m.; Arrive back 8:30 p.m. On Saturday, 14 December; Cost $34.00 (includes transportation, admissions, late lunch at Longwood Inn.)

Do you have ideas on trips we can take — call Margaret, x3067.

NADC Reflector
Volume 30
Number 10
Oct. 1985

NAVAL AIR DEVELOPMENT CENTER, WARMINSTER, PA.

The *REFLECTOR* is published monthly by the Public Affairs Office to inform Center Personnel about topics of interest, and to promote the morale and general welfare of all concerned.

Views and opinions expressed in this publication are not necessarily those of the Department of Defense.

It is printed commercially with appropriated funds in accordance with the provision of NAVPUBINST 5600.42 August 1979.

The *REFLECTOR* is a subscriber to the American Forces Press Services.

All correspondence should be addressed to Editor, *REFLECTOR*, Code 091, Naval Air Development Center, Warminster, PA 18974-5000 (441-3067).

Commander, NADC ..... **CAPT Edward J. Sturm**
Technical Director ..... **Robert S. Buffum**
Public Affairs Officer ..... **James S. Kingston**
Editor ..... **Regina Ann Gasuk**
Assistant Editor ..... **Mary Ann Brett**

Barton honored Young Marine of the Year

by JO2 Fred Dias

"We the Board of Supervisors of Warminster Township, do hereby proclaim the week of September 15, 1985, as Scott Barton Week in Warminster Township," read Jane S. Lynch, chairperson, Warminster Board of Supervisors, on Saturday, September 14th, at the Naval Air Development Center.

The proclamation was a complete surprise to Scott P. Barton, 13, son of Senior Chief Aviation Machinist's Mate Richard and Donna Barton. Scott was selected as the nation's top Young Marine of the Year for 1985, and the first selected from Pennsylvania. Scott is the senior enlisted for the Bucks County Young Marines at the Center.

Along with Lynch, LeRoy Fetterman, manager of Warminster Township and Michael C. Harlem, supervisor of the Township, attended the ceremony. A congratulatory letter from U.S. Congressman Peter H. Kostmayer said, "It is a personal honor and privilege to represent the first National Young Marine of the Year from the Commonwealth of Pennsylvania."

The Young Marines is a non-profit youth organization similar to the Sea Cadets and Boy Scouts. It by no means intends to recruit anyone into the Armed Forces. Sponsored by the Marine Corps League, the Young Marines' purpose is to promote character and discipline in youngsters, as well as develop responsibility of good citizenship and morals.

The Young Marines is an organization for boys and girls 8 to 17 years old. Its national headquarters is in Ada, Michigan.

Senior Chief Barton is a Major in the Center's detachment and also their paymaster. Both he and his son joined the Young Marines three years ago. Scott advanced to the highest enlisted rank quickly.

The program takes its organization a step further than other youth groups, involving the youngster's school and parents.

"Young Marines advance in rank through promotions," Senior Chief Barton said. "These promotions are earned by demonstrating efficiency in the essential subjects." The Young Marine is then evaluated. This evaluation is prepared in a form of two report cards. One is taken home for the parents' signature and the other is sent to school. The school in turn, reports back on the progress of the Young Marine academically.

For young Barton, school is "where it's at!" "He's an honor student in school," explained Senior Chief Barton. "He gets straight A's, particularly in Math and Science." Scott has already planned out his future. A ninth grader at Boyertown Area Junior High School East, Gilbertsville, he plans on attending the Naval Academy upon graduation from high school. He is already implementing some of his plans towards his goal.

Photo by JO2 Fred Dias

NADC's Young Marine of the Year Scott Barton presented a bouquet of flowers to his mother, Donna in appreciation of her support, during ceremonies on September 14th.

"He wants to be a pilot," his proud father explained. "Right now he's taking lessons for his private pilot's license."

With the Young Marines, Scott has participated in parades, attended the dedication ceremonies of the Vietnam Memorial in Doylestown and helped clean up Kemper Park.

Youth organizations like the Young Marines give youths a chance to develop leadership skills. Young Scott Barton has definitely learned those skills well.

AIREVAC 889 to the rescue

by JO2 Fred Dias

On September 4, NADC aircraft 148889, a P-3, was asked to suspend their training flight and perform a medical emergency evacuation from NAS Brunswick, Maine. Realizing the urgent nature of the situation the NADC crew readily accepted the responsibility and landed to assist. Within minutes of touchdown a medical team arrived with a sailor who was experiencing severe decompression sickness, commonly referred to as the "bends".

NAS Brunswick operations personnel coordinated the elaborate procedures with Air Traffic Control to transform this routine pilot-training evolution into "AIREVAC-889", a callsign giving the aircraft the priority in takeoffs, landings and enroute clearances.

The NADC aircraft was soon airborne with its patient and medical team enroute to Groton, Connecticut, where the closest appropriate medical facilities were available. Within 20 minutes of landing there the sailor was receiving the medical care that was required.

The quick response, coordination and professional expertise of this aircrew directly contributed to preventing this sailor from experiencing severe injury or possibly death. The crew of AIREVAC-889 was LT Joe Romano, LT Rick Ryan, ADC Ed Krasnansky, AT1 Pete Collins, and AW1 Tim Singley.

Photo by JO2 Fred Dias

The crew of NADC P-3 148889 are (from l. to r.): ADC Krasnansky, AW1 Tim Singley, AT1 Pete Collins, LT Joe Romano and LT Rick Ryan.

Shuey reenlists

by JO2 Fred Dias

Aviation Storekeeper Second Class Carol Shuey reenlisted into the Navy. She is married to Aviation Storekeeper First Class Wayne Shuey.

The ceremony was held in the Supply Office on September 27th, with LT Richard Defilippo, Supply Officer, as the reenlistment officer.

The original reenlistment sight was to be on the USS Olympia at Penn's Landing, however, plans were changed because of Hurricane Gloria.

Shuey signed up for four more years and joint orders with her husband to Naval Station, Keflavik, Iceland. "I really like the Navy," said Shuey, who plans on making the Navy a career with her husband. The Shuey's met in Masawa, Japan and have served the Navy together ever since.

"I've seen the Pacific Ocean from the Asian side," Shuey explained about one of her most enjoyable Navy experiences. "Right now, my goal is to beat Wayne in making Chief," she said.

One word describes the Shuey's future after the Navy: farming. "Wayne brought me back from Japan to his parent's home," Shuey said. She compared Port Matilda with "Walton's Mountain", where her husband's family has lived and farmed on a mountain covering over 3,000 acres for generations.

Not a farm girl, Shuey is originally from Olympia, Washington. "The most I have done was ride a horse," she said. But now, "I'm just learning a whole new way of life," she explained. "It's just fantastic."

The Shuey's will depart for Keflavik, Iceland in February.

Photo by JO2 Fred Dias

LT Richard Defilippo (left) presided over AK2 Carol Shuey's reenlistment for four more years. She is joining her husband Wayne (AK1) (right) for their new assignment to Keflavik, Iceland.

Office automation supplies Centerwide support

Continued from page 1

-WHAT'S THE POINT-

But what's the point? Is it to be the first on the block with a new toy or is it to double our production? "Payback is extremely hard to measure in terms of productivity," stated Finkleman. "Many studies have been made; all with conflicting results". There are requirements to transfer info across the Center, requirements to standardize paperwork, requirements to reduce the time taken for labor critical jobs, and reporting requirements galore. He said, "Paperwork is such an enormous burden that the payback may be to get it done at all!"

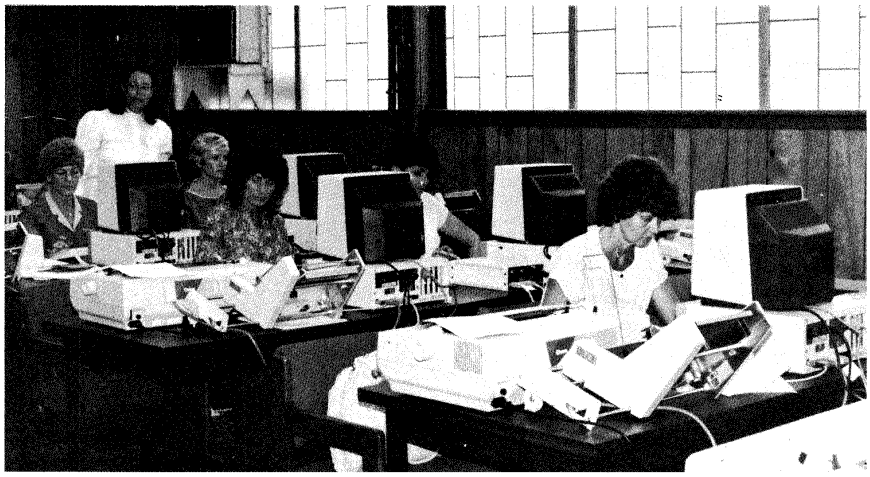
Incidentally, NADC *was* the first on the block, i.e. two years ahead of the other Navy labs with an operational, local area communications network. NADC was able to accomplish this because in the late 70's a 40-channel security cable system was installed. Several of those lines were available to use for data communications.

Finkelman is in the process of turning over management of this operation to Dan Tarrant. Tarrant was quick to thank the Supply Department for their assistance in this huge undertaking and to point out a cost savings of $400,000 on this one procurement alone not to mention the more subtle savings involved in processing one purchase request vs. 400 separate ones.

"In the planning" said Tarrant, "is a Computer Store. It will stock all the specialized items - ribbons, print wheels, paper, disks, etc. We're also working on a procurement for a large removable disk which would allow increased storage capacity at the workstation from 360,000 bytes to 10 million."

Finkelman explained, "If requirements warrant it, we'll upgrade, but we have a lot of computing power at each desk complemented by the Central Computer System." He concluded, "One of the most important things to keep in mind with these business applications is not to become a technology junkie." (MAB)

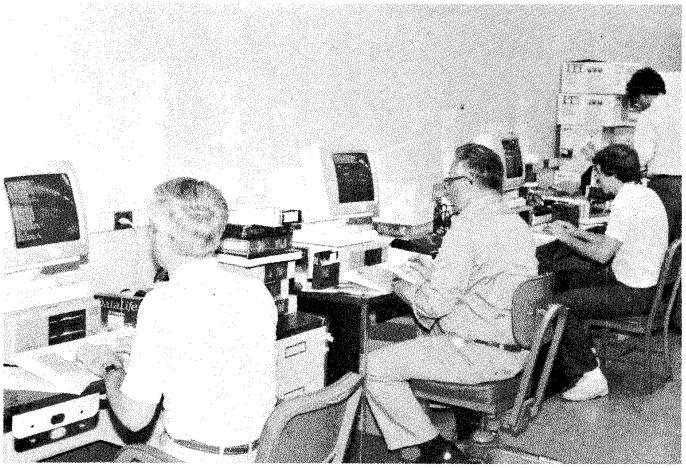
(The Computer Department extends a special thanks to Frank Drummond, Jim Cuorato and Carl Ruzicka of the Procurement Division for providing outstanding support on this procurement, to Armand Cirone of Computer Sciences Corporation for an outstanding job in coordinating the distribution of the workstations and to Charlie Klatzkin and Stan Yavoroski of the Digital Systems Group for providing outstanding technical support throughout this effort.)



Clerical personnel are training hard and gaining a rapport with their new office automation centers.

Standing: l. to r. Dan Tarrant and Robert Finkelman of the Computer Department take a minute to observe Charlie Klatzkin (at the keyboard) and Armand Cirone (seated left) as they check each workstation's performance by running diagnostic programs through the new equipment.

Photos by Regina Gasuk



Personnel on loan from other directorates made the job of testing hundreds of workstations far less time consuming.

CHIEF OF NAVAL OPERATIONS

NAVY BIRTHDAY 1985

This year, as we celebrate our Navy's 210th birthday, we commemorate more than two centuries of dedicated and spirited performance in defense of this great nation. And, as this is my last Navy Birthday as Chief of Naval Operations, it is a good time to reflect both upon our course made good and plot a course for the future.

When this nation was founded it was a bold experiment. Many learned scholars and leaders of the day did not believe we could survive. And, despite internal growing pains and external tests of war, we not only survived, but flourished. Our Navy's sterling heritage of performance, dating back to those early days, is in no small part responsible for our nation's successful defense of both peace and freedom. While we have grown and changed, progressing from a handful of ships of sail to a Navy of nuclear power and microchips, our "anchor to windward" always has been our superb people and their families.

Who can forget the stirring call to battle of Jones and Farragut, the heroic performance of Halsey and Perry, the dedicated leadership of King and Nimitz? In a single message I cannot list all the names of all the patriots who have so faithfully and bravely served in the United States Navy. If I could, that roster would include names of today's heros -- you who serve aboard ships and at shore stations scattered around the globe during this time of violent peace.

Your superb performance is legend. When I am called upon to tell our Navy's story, it is your story I proudly tell; your achievements transform nonbelievers into Navy supporters. From our distant past to present operations, from distant seas and shores to home waters, it is this Navy, at this time, that best exemplifies our nation's goal of peace through strength. And, as we chart our Navy's course for the future, the wisest counsel is "steady as she goes." Happy Birthday and God Bless you on the voyage ahead.

JAMES D. WATKINS
Admiral, U.S. Navy

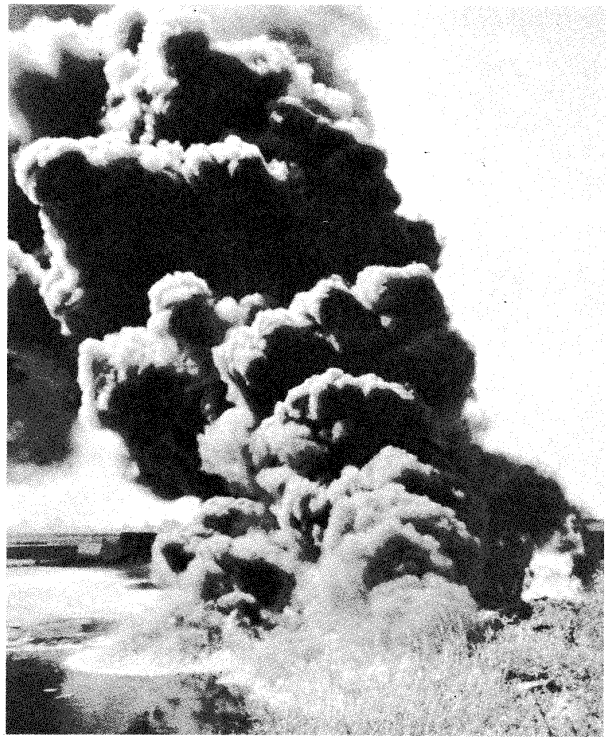
Realistic drill tests fire and medical readiness

Photos by Jim Kingston

Huge billowing clouds of black smoke poured into the skies over NADC on the morning of September 11th. Fire apparatus, para-medical and dispensary personnel roared to the scene, sirens wailing, lights flashing. What appeared to be major casualties were lying on the ground and inside an airplane fuselage.

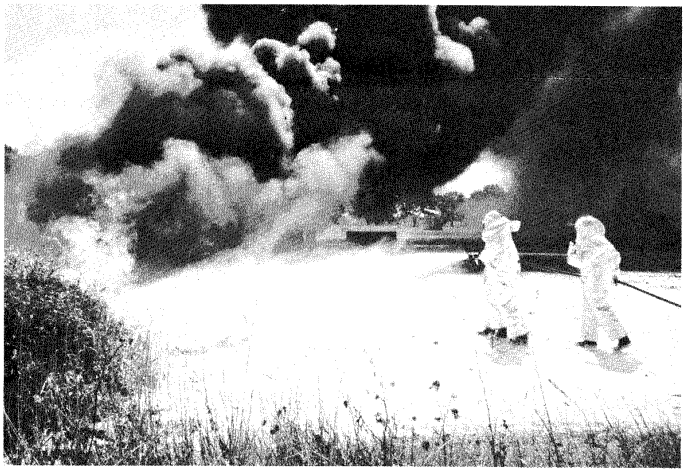
It was the nearest thing to an airplane disaster as one could imagine — but it was not for real. . . it was a mass casualty drill conducted by the Bio-Medical Support Team of the Sensors and Avionics Technology Directorate involving the base fire department and dispensary. The Bio-Medical team is responsible for setting up the casualties and monitoring the drill. This year the exercise involved a working fire allowing Fire Department personnel to actively participate. Jet engine fuel was ignited in the burn pit and crash crew personnel responded and extinguished the flames. Both paramedics and dispensary personnel reacted to "casualties." Five staged casualties (HM2s Ken Swanson, Charlie Spears, Jim Cisco, and HM3s Mark Butler and Michael Worth) were strewn around a simulated airplane accident. Mock injuries sustained included multiple fractures of the hands, arms, and legs, sucking chest wounds, and protruding intestines resulting from a foreign object being imbedded in the abdomen.

Dr. Aileen Tressler from the Naval Air Station, Willow Grove assigned to NADC's dispensary and Dr. Leyland Mills, NADC's flight surgeon observed. Dr. Steven Myrick participated in the drill. HM2s Mike Ryan, Ron Thompson, and Lisa Johnson critiqued the disaster drill. It was very successful with excellent cooperation among Bio-Medical support, fire department and dispensary personnel. All casualties were assessed, treated, and transported in a professional and timely manner.



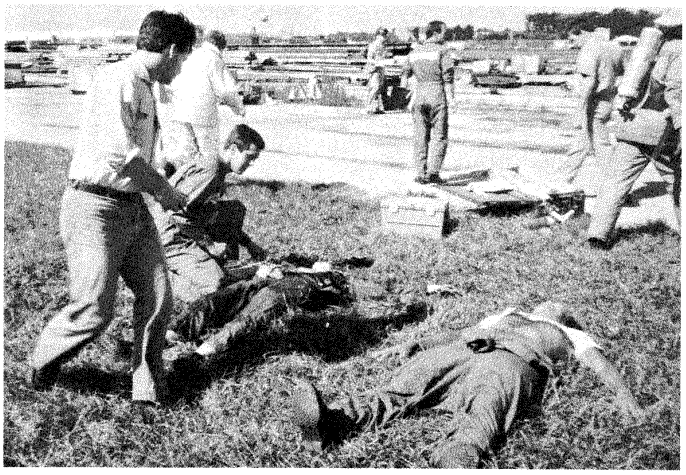
Jet engine fuel ignited in burn pit to stage fire for Mass Casualty Drill.

HM3 Mark Butler (casualty) is positioned remotely from crash site to test rescue teams' thoroughness in checking surrounding area.



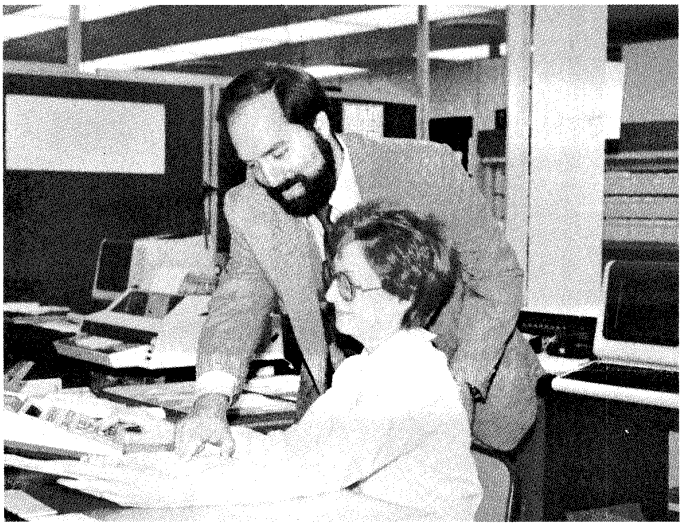
Fire Department personnel respond to call and extinguish fire.

HM2 Ken Swanson is staged as trapped victim in aircraft compartment.

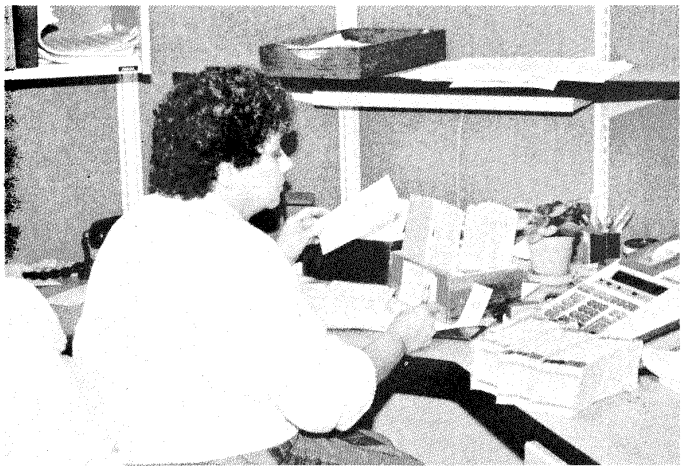


Dr. Steven Myrick (kneeling) and HM3 Stuart Beyer (standing) attend to HM2 Jim Cisco (left casualty) and HM2 Ken Swanson (right casualty).

Jim White, Deputy Comptroller (left), Blaine Price, Accounting Officer (center), and Tom Shopple, Comptroller (right) review comparison analysis of unbilled and unobligated balances for all Navy labs.



Mike Harding, Supervisory Cost Accountant assists Betsy Walsh, accounting technician with invoice certification payments to government contractors.



Ann Kelan, payroll clerk reconciles timecard submissions with overtime authorization records.

Photos by Regina Gasuk

New year comes early

Comptroller Department

New Year's Day may be the first day of 1986 for most of us, but for the 97 people in the Comptroller Department, 1986 starts on October lst. Of course, we're talking about the beginning of the Fiscal Year.

With an annual business base in FY85 of more than $400 million, including a payroll of $101 million, financial management of the Naval Air Development Center is a complex operation requiring the expertise of a highly competent staff and a tightly organized system of operation.

Tom Shopple, Director of the Comptroller Department and Jim White, Deputy Director are responsible for managing the operation and providing the Center Commander with the financial information he needs to effectively control Center operations. The directorate is divided into four divisions, a Center Information System (CIS) Project Office and the Internal Review staff.

The Accounting Division, headed by Blaine Price maintains all records of accounting including obligations against the Navy Industrial Fund and costs incurred against sponsor work orders. Financial statements are prepared here as well as accounting for plant property and payroll functions. In excess of $55 million in invoices are processed yearly earning prompt payment discounts of more than $200,000. How would you like to balance the Center's checkbook?

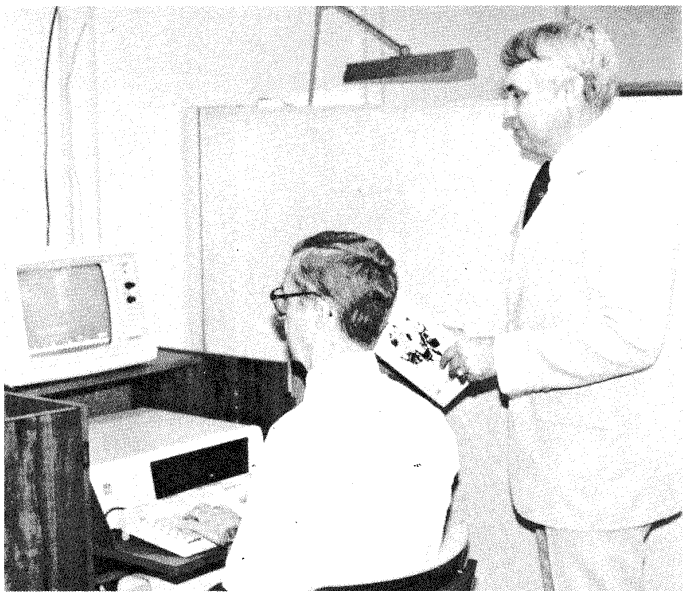
Budgets Prepared and Analyzed

Weekly household budgets are tough enough for most of us to manage, but in the Budget and Financial Analysis Division and Budgetary Services Division it is done successfully year after year. The first headed by Mike Wolfe, prepares the Center's operating budget and analyzes our actual performance compared to the budgeted amounts. Budgetary Services, headed by Frank Dolan, does just that — provides support out in the directorates with planning, developing and controlling all the aspects of the individual budgets within each directorate down to the working level.

Joe Caristo heads the Information Systems Division responsible for the operation of financial and management information systems. These systems, the most complex and comprehensive in the Navy laboratory community, provide all the data needed to control money, manpower, facilities and resources used to satisfy the Center's internal and external requirements.

The Center Information System (CIS) Project Manager is Joe Spodaryk. He provides a single point of contact for all CIS activities both internal and external dealing with its content, technical performance, schedule and funding. He also chairs the Configuration Control Board which decides on all changes that are needed to the system as new requirements arise.

Internal Review provides the 'checks and balances' necessary to manage Center operations. Headed by Ron Kabin, the group examines all aspects of the Center's activities and determines optimum utilization of resources and financial integrity. They



Joseph Spodaryk, CIS Program Manager (standing) and Joseph Dillon, CIS data base administrator review data to evaluate Executive Reporting Module report.