



REFLECTOR

J. BARTON

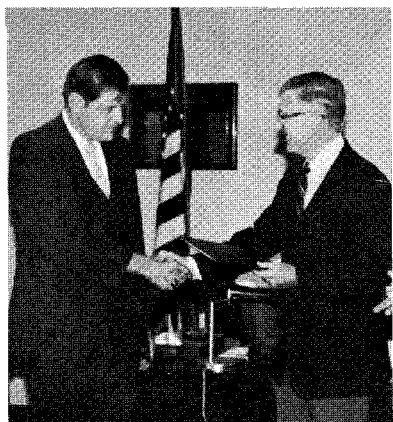
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Naval Air Development Center, Warminster, PA

1944 • "Building Naval Aviation's Future for 40 Years" • 1984

Volume 28
Number 9
Sept 1984

President's Exchange Selects Brennan



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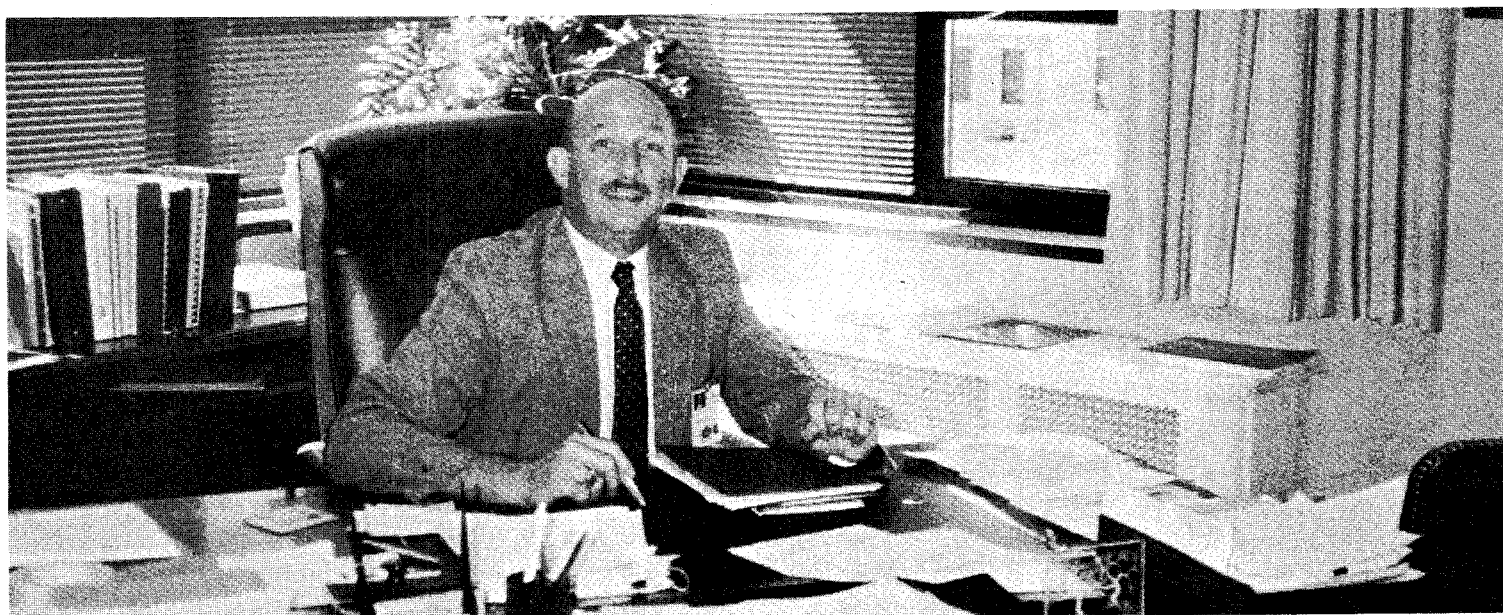


Photo by Regina Gasuk

Thomas J. Brennan

Thomas J. Brennan, former NADC Associate Technical Director, has been selected a Presidential Exchange Executive from the federal government. Only nine candidates were chosen and he is the only one from the Department of Defense. As an exchange executive, Brennan will spend a full year working in industry, receive special education, and then return to NADC. Jerry Guarini has been selected to fill his position as Associate Technical Director.

Brennan will be working as special assistant to the president of Teledyne Corporation's largest companies, Teledyne Electronics and Teledyne Ryan Aeronautical.

The President's Commission on Executive Exchange states its purpose to "promote mutual understanding between American government and business, to foster personal growth through a new and challenging experience and to stimulate ideas and promote techniques which will result

in better management of government agencies and greater cooperation with private business."

Federal candidates for the President's Exchange must be at the GS-15 level, a candidate for or member of the Senior Executive Service or its equivalent. They must be willing to relocate since most assignments are at the corporations' headquarters and never in the Washington DC area. Brennan will be relocating to San Diego, CA.

Brennan was nominated for the exchange program by Robert Buffum, Technical Director, and Captain James Anderson, then Center Commander. He was picked number one nominee throughout all Centers by the Executive Resources Board. His nomination was further accepted by the Chief of Naval Operations, both the Secretary and Assistant Secretary of the Navy, and the Office of Management and Budget.

Nominations are accepted by the

Nominations are accepted by the President's Commission on Executive Exchange in Washington during January. The Executive Director and Deputy Executive Director then conduct screening interviews. After selection, executives are required to research several corporations to determine where their skills might be best utilized.

Brennan prepared a 'white paper' on each of 14 different companies he approached. He will be working for Teledyne, a conglomerate corporation comprised of almost 200 subsidiary companies. As Special Assistant to the President of Teledyne Electronics and Teledyne Ryan Aeronautical he will be responsible for special planning for their product lines that will be utilized into the turn of the century. Brennan says he will focus on a more integrated systems product for the two companies as well as trying to infuse a greater

(Continued on page 3)

Guarini New Associate Technical Director

Jerry Guarini is NADC's new Associate Technical Director replacing Thomas Brennan who was selected for the President's Executive Exchange Program. Guarini began as Associate Technical Director on 20 August.

Prior to his assignment, Guarini was Director of Planning, Assessment and Resources (PAR). His strong technical background includes 18 years in sensor and avionic technologies, with the past twelve years in advanced concepts and weapons systems. Guarini feels that the three months he recently spent in PAR provided him with an entirely different view of the business side of the NADC operation. He noted that the assignment in PAR exposed him to every aspect of NADC's business base and the many fine people who make our business run. "In retrospect, it was an excellent crash course for the assignment to O1A," said Guarini.

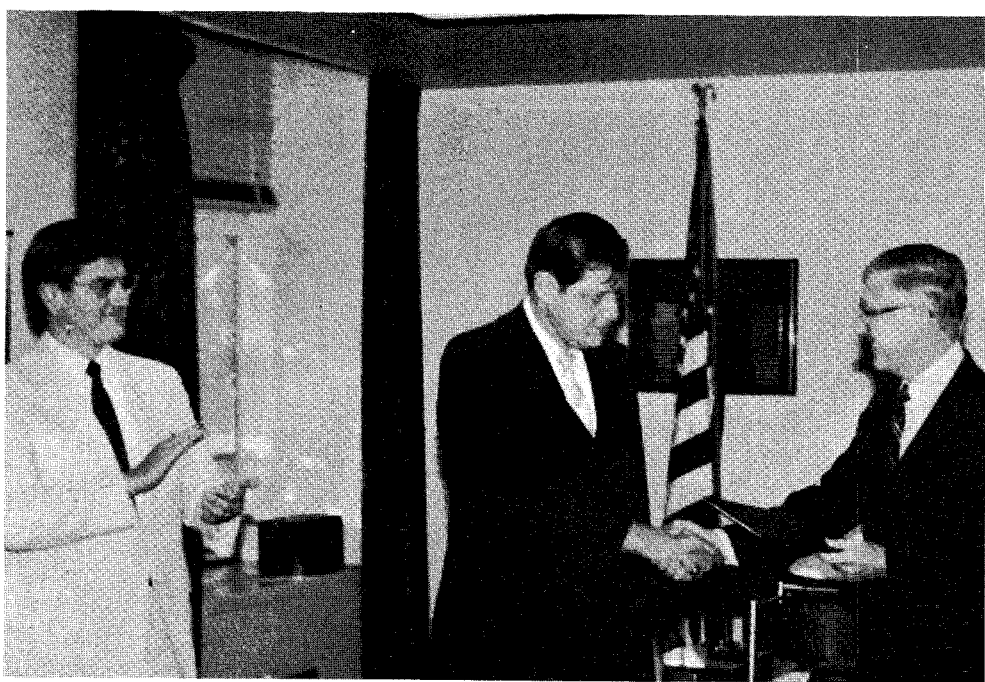
Leading up to the PAR assignment, Guarini spent nine years as Head of



Photo by Jim Kingston

Jerry F. Guarini

(Continued on page 7)



Tony Mickus receives Science Advisor of the Year award from Gary Morton, Director of Navy Laboratories. Robert Buffum, Technical Director looks on.

Fleet's capability enhanced

P-3C software improvements

The Naval Air Development Center is tasked with fleet software support for the P-3C. Ted Kopp of the VP Program Office is the project engineer for this effort. The Center has just delivered the latest in a series of updates to the Naval Air Test Center for Naval Test Evaluation. This program constitutes a major software upgrade which culminates over four years of effort and provides significant advancement of the fleet's capability. The new upgrade I.4.6.1 is a combination of new capabilities and the correction of fleet reported problems. "One of the major program functional enhancements included a new algorithm that we instituted into the software using Kalman filtering techniques, a method whereby the best and worse cases are eliminated to leave you with a good statistical average that is more reliable than peaks," explained Kopp. According to Kopp, Kalman filtering is a sophisticated mathematical approach that eliminates large perturbances and gives you more expected values. "The same mathematical techniques," said Kopp, "are used to accurately display radar (maneuvering target tracking) contacts of interest."

Harpoon targeting aids have been updated to provide more enhanced operator display advisory for targeting

the harpoon missile based upon maneuvering target prediction, probability of missile illumination, and the operator selection of desired air point and release point. Appropriate steering advisory is provided to the pilot also.

Another capability known as Passive Tracking Algorithm (PTA) in the Signal Data Recorder (AQA-7) provides a means for automatic frequency (line) tracking, bearing tracking and target tracking.

Improved weapons processing will include more accurate ballistic calculation for torpedo drops and the capability to build and deploy mine trains with variable spacing and mixed type. Data link communications improvements have been made in support of fleet coordinated operations and over-the-horizon targeting.

"We are continually striving to provide the fleet with program updates to increase their capabilities," said Kopp.

Franz Bohn, Program Engineer of the VP Program commented, "this is the latest release and we are anticipating further upgrades and improvements in correction of fleet problems with the next upgrade which will be called I.4.7 scheduled for January 1987."

Letter to the Editor

Dear Mr. Editor:

I heard with some dismay, about the Center issuing a new policy to stop mailing copies of the REFLECTOR to our retirees. A sad commentary; most of our people dedicated all of their working lives to the Navy and now we say the Navy can't afford this little nicety. Several years ago the REFLECTOR did a post card survey to see just how many retirees were still around, still interested, or had access to a REFLECTOR (i.e. a relative working on Center). A new survey could probably cut a lot of waste, which is your goal, and would make the availability of the REFLECTOR to the rest of the retirees kept within budgetary limits. Also, how about adding a little line on a retiree's

checkout sheet, asking if the party would be interested in receiving the Center paper? Any alternatives?

Eddie Nichparenko, Code 8411

Editor's Note:

The decision to discontinue mailing the REFLECTOR to retirees was not made by this Center. It was dictated to us through DoD instructions which have become increasingly stringent and no longer allow the franking privilege to be used for mailing newspapers to the general public, i.e. retirees. The AFGE Local 1928 is attempting to change the instruction, but in the interim, we must comply.

Thank you.

Service Academy News

by Ed Tankins and Paul Scells

It doesn't take political pull or a magic touch to get accepted into a military academy. All it takes is hard work, motivation, and perseverance. Unfortunately, not many people realize this.

Ed Tankins, an engineer in the Aircraft and Crew Systems Technology Directorate and a retired Army Colonel, knows exactly what it takes to enter an academy. Closely connected with the admission's office, Tankins acts as a liaison officer for West Point.

"I attend the college nights and career days at all the area high schools. I brief the admission's people and interview the potential candidates," said Tankins. "I am really the focal point for the people who have problems and questions.

"Too often guidance counselors do not have the necessary information to answer student's questions or they simply do not care. I would like to share the information that I utilize," he said.

One of the most important steps in applying to a military academy is to start early. Asking a counselor for information or writing to the Academies during the student's junior year of high school is the time to start. The earlier the better.

The student wishing to apply should send away to the Academy for a pre-candidate questionnaire to establish a file at the Academy. Getting your name on file is the first step. Just as vital, is getting a nomination to accompany your application. This is the step which people think political pull is necessary. Tankins disagrees.

In order to get nominated, the student should write to a Congressman. "The Congressmen in this area utilize a Service Academy Selection Board," Tankins said. "The board interviews each potential candidate and submits a slate of 10 names for every vacancy they have to fill.

"The nomination starts the admission process for selection. The student's class rank, SAT scores, type of courses, extracurricular activities, athletic involvement, community activity, work experience, and leadership potential are all important factors considered," he said.

"When this list is received the admission's office starts to review all those on the list with a file. It is possible for all 10 individuals on that

list to be offered admission to the Academy," Tankins said. "It has been my experience that three or four candidates on the list from this area have been admitted. It is imperative that the file and nomination process be started in the junior year."

When applying to an academy, Tankins suggests applying to all of the Academies, keeping the student's options open. "I have seen a student turned down by one Academy and then accepted by another," he said.

If accepted the student can look forward to a free education away from home with all medical expenses covered and a yearly salary of \$5,000. What's the catch? The applicant must be willing to make a five-year military commitment upon graduation.

"The Academy experience and five years active duty as an officer is a very valuable experience that will prepare the young man or lady for a successful career in any field," Tankins said.

Although Tankins does not think the Service Academies are for everyone, he does think that anyone who likes an outstanding Academic environment, and wants to develop their mental and physical abilities as well as leadership potential should look into the Academies.

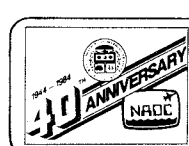
Any questions can be directed to either, Ed Tankins X2875 or LCDR Mike Dougherty X3999.

Service Academies

- U.S. Military Academy at West Point, NY
- U.S. Naval Academy at Annapolis, MD (includes Marine Corps)
- U.S. Air Force Academy at Colorado Springs, CO
- U.S. Merchant Marine Academy at Kings Point, NY
- S. Coast Guard Academy at New London, CT

Editors Note:

Additional information may be available from: CAPT Fred Wright, Chief Staff Officer and Jim Kingston, Public Affairs Officer, (both of whom have sons at West Point) and these on-Center Naval Academy graduates: CDR J. Rockwell, ext. 7119; CDR M. Weaver, ext. 2114; LCDR N. Brownsberger, ext. 3744; LCDR M. Dougherty, ext. 3999; LT W. Dietzler, ext. 2834; LTR. Knowski, ext. 2104; LT R. Seaberg, ext. 3551; LT S. Wood, ext. 3335.



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Technical Director Robert S. Buffum
Public Affairs Officer James S. Kingston
Editor Regina Beans Gasuk
Assistant Editor Mary Ann Brett

App takes on Special Projects in CNTD



CDR George App

In June 1984 CDR Kenneth George App arrived at NADC. Until August, he assisted the Operations Officer, CDR Gordon Safley; now he is assigned as the Communication Navigation

Technology Directorate (CNTD) Special Projects Officer.

As CNTD's Special Projects Officer, App will oversee the Global Positioning System and the Basic Avionics Subsystems Integration Concept project. He will also represent NADC to the Fleet in the Navy Science Assistance Program projects assigned to CNTD.

He is currently involved in the Battle Group Navigation Improvement Program for CINCPACFLT which is analyzing battle group navigation systems and system integration techniques during a recent major Third Fleet exercise.

From his carrier anti-submarine warfare module experience, App brings Fleet perspective to both battle group and airborne command and control programs.

As a P-3 pilot he is participating in VP fleet software support tests, low cost sonobuoy drops, Anti-Jam Airborne Communication System flights as well as post maintenance functional check flights.

If you think App looks familiar, you just might be right. He was stationed at the Center as a Lieutenant and a Lieutenant Commander from August 1975 through March 1978. He served as both the NATOPS Officer and Assistant Operations Officer.

In March 1978 he proceeded to CV-TSC School in Dam Neck, VA, followed by a tour aboard the USS JOHN F KENNEDY from June 1978 to September 1980 as the CV-ASWM Officer and Officer of the Deck, Underway. App then went to the Fleet Combat Directions Systems Support

Activity in Dam Neck, VA until June 1981 as the CV-ASWM Program Performing Specifications Officer.

App was most recently stationed in Jacksonville, FL in VP-45 as Administrative Department Head.

"It was a conscious decision on my part," App said, "to return to NADC. My family liked this area, and I felt I had more to offer the Navy working from NADC based on my flying capabilities, prior NADC tour, anti-submarine warfare module background, and recent fleet experience in battle group command and control."

App's wife, Donna, presently a registered nurse for the Bucks County Public Health Department, and daughter, Julie (in 9th grade) have accompanied him back to NADC. (MAB)

Rockwell New Associate Director in SD

the job but on a short term basis.

Although Rockwell reported to the Center in mid-June he spent almost one month requalifying to fly the A-7 aircraft and recuperating from knee surgery resulting from soccer and racquetball injuries.

Now that he is back full time, Rockwell says, "I will try to contribute as much as I can to the Systems Directorate's overall mission, at the same time keeping a view toward improving the quality and usefulness of Center products to the Fleet. That's what we're all here for."

He also intends to make himself aware of Fleet and user needs so he can "sell" the Center's capabilities at every opportunity. Rockwell has already touted NADC's capabilities to the A-7 and F-18 communities during a recent

trip to NAS LeMoore, CA.

Rockwell added he sees part of his job as helping Center engineers and Fleet users relate more easily to each other.

He described NADC as the "cutting edge of technology—where things happen." And, he noted, the Center has a forward-looking approach to weapon systems and DoD needs of the future."

Rockwell said he was particularly impressed with the "Center's intent to relate its work to the needs of the Fleet." He sees that as a healthy view of customer and end use; a view not always held by all contractor or government agencies.

As the sole military person in the Systems Directorate, Rockwell brings with him a needed operational and test pilot background.

Designated a naval aviator in 1967, he gained his fleet experience flying

F-8's and F-14's in VF-124, VF-194, and VF-1. He was a test pilot at the Naval Air Test Center from 1977 to 1981. Most recently he was stationed at the NAVPRO in Bethpage, NY where he was an F-14 and A-6 production acceptance pilot.

Rockwell is a 1966 graduate of the U.S. Naval Academy. He also attended the Defense Language Institute in Monterey, CA as a German language student prior to attending the University of Munich as an Olmsted Scholar studying political science. He holds a Master's Degree in International Relations from the University of Southern California.

Rockwell's wife, Genie, and three of their four children have accompanied him for his tour to NADC. His oldest daughter is attending Hofstra University in Long Island, NY. (MAB)



CDR John Rockwell

Photo by Jim Kingston

CDR John "Rocky" Rockwell, III is the first officer officially detailed to the position of Associate Director for Fleet Systems in the Systems Directorate, job. Two other officers previously filled

President's Executive Exchange Assignment for Brennan

(Continued from page 1)

system development into their products.

During Brennan's year at Teledyne, he will be required to attend three educational programs. The first of these is a one week public policy seminar held in September for the appointees to provide them with an opportunity to become more familiar with the commissions' goals, expectations, and guidelines as well as to meet fellow participants and top level public government leaders.

In December, Brennan will attend a one week session at Harvard Business School which will address national and international policies as they affect industry-government interface. This effort is conducted yearly at various business schools throughout the United States. The final program is an international seminar planned to take place in Europe in April. This will give the executives an opportunity to explore the US position in world trade and the political, economic and military considerations that impact it.

Brennan and the Center consider this appointment a great honor. "The cross fertilization of experience and ideas between government and industry can only strengthen the understanding of the numerous issues involved in the strategic allocation of scarce resources and can broaden the perspectives toward potential long-range solutions. A one-year Executive Exchange assignment with Teledyne would extend the unique opportunity to foster similar and reciprocal benefits to both

organizations," said Brennan.

"My observation, interaction and personal participation in the strategic management of a high-technology corporation," Brennan said, "would be of inestimable long-term value to me in the fulfillment of future responsibilities within the Navy; from Teledyne's perspective, my skills, knowledge, interests, and experience should contribute well toward effective planning and management tasks."

On a personal note, Brennan will be taking his entire family with him. "They are looking forward to the challenge of California, and I am sure they will be looking forward to coming back at the end of the year," he said.

When queried as to what he would do upon his return, Brennan said, "I will not be returning to the O1A position. In my discussions with Mr. Buffum and CAPT Sturm, (Center Commander) relative to my reentry, a line organization position would be most appropriate to fulfill and share my experiences of the past year."

Presidential Exchange Executives represent the best of business and government. The Center is very proud of Brennan's selection into the program.

DeLuccia teaches his way to fame



Dr. John DeLuccia

Dr. John DeLuccia is known to many as the Head of the Aero Materials Division of the Aircraft and Crew Systems Technology Directorate. But, to those who have attended Drexel University's evening college over the past 23 years, you may know DeLuccia sometimes wears a different hat.

Starting as a visiting professor in 1961, DeLuccia has been teaching various engineering courses at Drexel. Currently he holds the academic rank of adjunct professor, teaching Materials Engineering.

It is for his success in this endeavor that Drexel University chose to honor him with the Laura S. Campbell Award for teaching excellence. The

Award is presented yearly to the "best teacher" in the evening college. The best teacher is first determined by student questionnaire, then endorsed by a committee of previous award recipients, and finally approved by the University President.

DeLuccia received the Award during graduation ceremonies in June. "Accompanying the honor," said DeLuccia, "were a check for \$280 and the prestige of having my name engraved on a plaque in the faculty club room at Drexel."

The real honor though," DeLuccia said, "is to know I am doing an effective job and my teaching efforts are appreciated by the students." (MAB)



Photo by Ross Hendricks

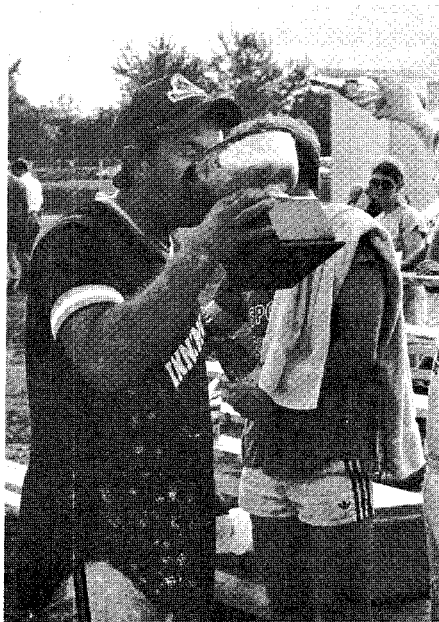
Joe Klicka bats one in.

Photo by Bob Larr

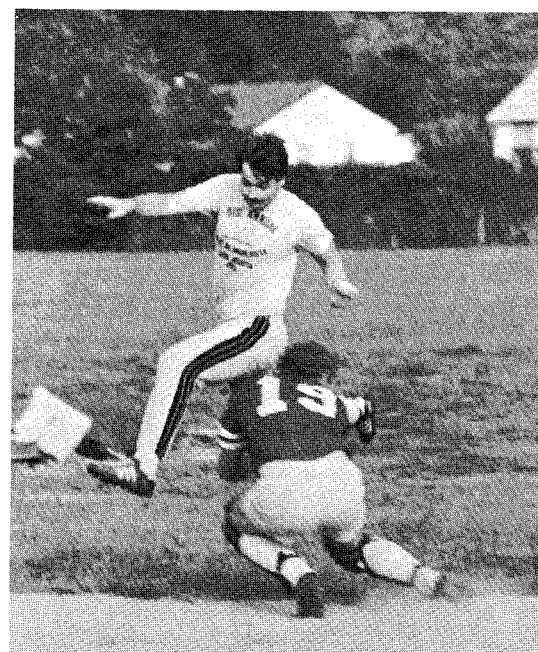
8th Inning coach, Fred Kuster, celebrates victory.

Photo by Bob Larr

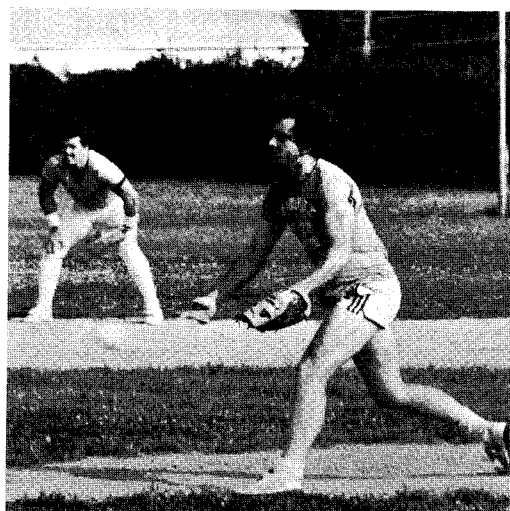
Jim Kearney tags Bruce Heath.

Photo by Karl Schmidt

Bob Larr makes catch.

Photo by Karl Schmidt

Chuck Bigley slides into Bruce Heath.

8th Inning takes the title in five

By Charles Destra

The 8th Inning, a team that came together in the playoffs, defeated the favored Misfits in a dramatic five-game series to capture this year's men's softball championship.

That the 8th Inning would win the crown was somewhat of a surprise. Near the midway point of the regular season, they had a 6-1 record and appeared to be one of the league's powerhouses. But they underwent a Jekyll-Hyde metamorphosis and finished the season at 7 and 9 (winning just one of their last nine). They went into the playoffs with no momentum but nevertheless disposed of three tough teams—the Guzzlers, Druids and Misfits, respectively.

Key to the team's playoff success was timely hitting, a stalwart defense, and pitcher Bob Larr's consistency on the mound. Larr, one of the more highly regarded pitchers in the league, simply began pitching like everyone knew he can. And to beat the Misfits (14-2, regular season) he would have to overshadow and outdo Misfit hurler Greg Heydet, and did.

The 8th Inning jumped out to a surprising and commanding lead, winning the first two games of the

series. Trailing 2-0 in the first game, they chipped away for three runs in the fourth inning and never relinquished the lead. Joe Klicka led the way with 4 for 4 hitting in the 6-3 win.

The 8th Inning won the second game, 3-1, in another pitcher's duel. The champs got all the runs they needed in the bottom of the fourth inning, scoring twice on only one hit. The Misfits hadn't lost two straight games all year long, and appeared demoralized at this point.

However, the Misfits showed tremendous character in the third game. Behind 4-0 in the third inning and facing elimination, they scored three runs in the fourth inning and four more in the sixth to win, 8-6.

The come-from-behind victory was a confidence-builder for the Misfits and they won the fourth game easily, 6-1. Heydet dominated the contest, giving up only five hits and two walks. Suddenly, the tide had turned and the pressure was on the 8th Inning.

Thus, the stage was set for a climactic fifth game and neither team disappointed. The game featured various lead changes, but it was the 8th Inning that came up with the big

plays — offensively and defensively — when they needed them.

This marked the first year that the championship final was played in a best-of-five game format. In past seasons, it had been a three-game series. And I think that this year's 8th Inning—Misfit series strengthens the case to continue next season with a five-game final.

The 8th Inning would have eliminated the Misfits in two ho-hum games had the series been a best-of-three affair. But this year's final turned out instead to be one of the most exciting ever played, thanks to the added games.

Moreover, a five-game series is a better indicator as to which is really the best team and deserving champion. In a three-game series, luck and/or injuries can be deciding factors; their effect is minimized in a longer series.

Key plays included a clutch single by Fred Kuster in the second inning that cleared the bases and two great catches by Scott Fowler in left field (once robbing Mick Rudock of a home run), but it was Larr who delivered the major blow.

With his team ahead 8-5, Larr came

up to the plate in the fifth inning and hammered Heydet's first pitch for a home run to give the 8th Inning a seemingly insurmountable four-run cushion. They went on to win the game 9-6, and the championship.

"It was the play that broke our backs," said losing manager Kim Kierney of Larr's blast.

It was only fitting that Larr, who had pitched so well but had a subpar series at the plate, would provide the insurance run that defeated the Misfits' hopes.

Heydet pitched and hit well for the Misfits, but in key situations didn't get the support he needed defensively. "We just collapsed defensively" Kierney complained.

In addition to Larr, the 8th Inning got big efforts in the series from Joe Klicka (9 for 18), Dean Stroehle and Fred Kuster (6 hits each), and Bruce Heath (five hits and several fine putouts at the plate).

Any team that beats the Misfits in a five-game series is a great team, and the 8th Inning is just that. Here's a salute to a team that showed the kind of character and poise necessary to deserve the claim "champions."

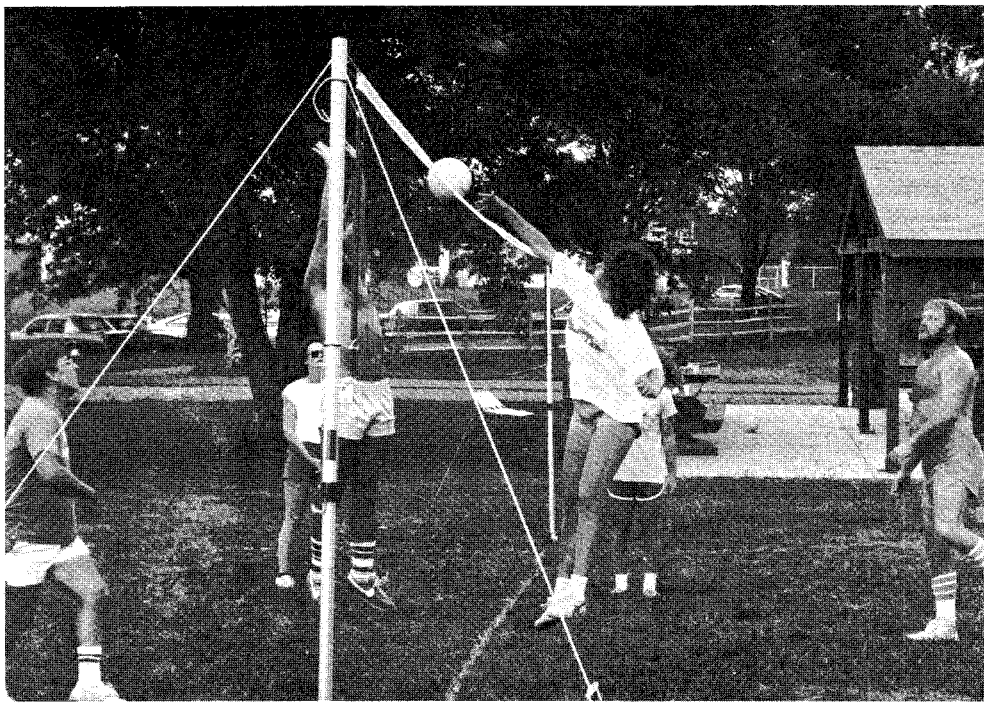


Photo by Cathy Burian

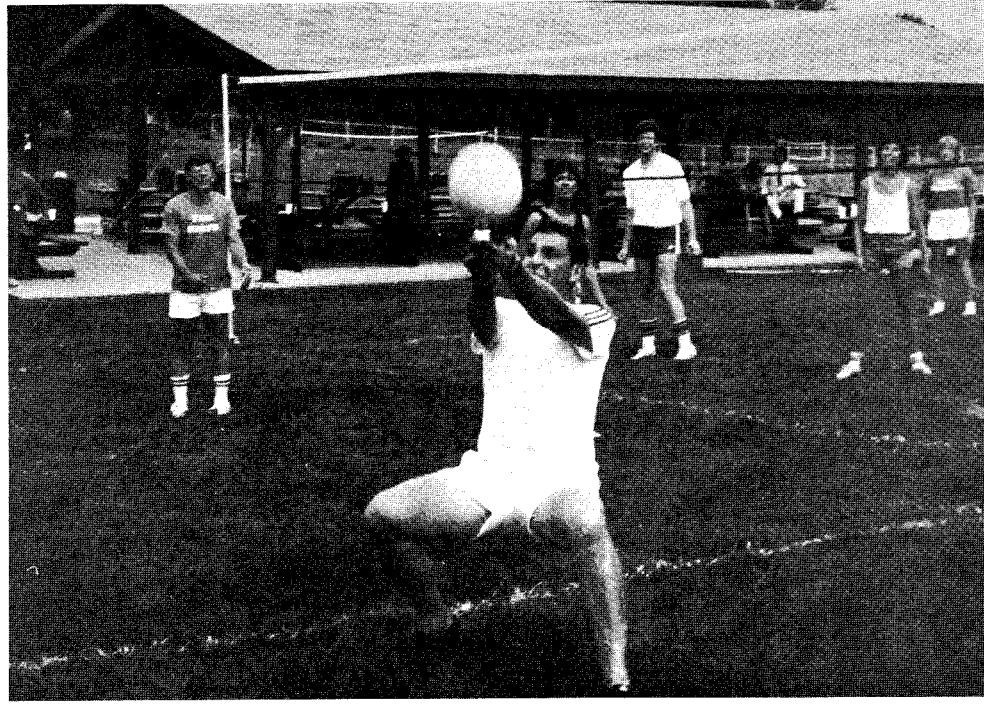
Janice Moser spikes the ball.

Photo by Cathy Burian

Ed Schmidt saves the play.

Photo by Cathy Burian

Nick Mirales blocking at the net.

Networks grab Grabbers

By Betty Anne Mauger

The last day of August also saw the last match of the NADC Mixed Volleyball League 1984 summer season. Zig "Never-a-Doubt" Rafalik's team Network ended their two-year quest for the league championship by taking the Grabbers two out of three games.

Network, after compiling a regular season record of 32 wins; seven losses, advanced to the finals by eliminating each of their playoff opponents, the Spasmatics and the Jammers.

Likewise, the Rusty Spikes and the Renegades sacrificed their hopes for a finals playoff berth by falling to the relentless drive of the Grabbers, who also had 32 wins; seven losses during regular season play. The Grabbers had maintained sole possession of first place throughout the season, edging out Network with total points scored.

The first game of the championship match saw tactical styles typical of both teams. The Grabbers jumped to an early lead behind the strong and effective serving of Doug Lundberg. But Network, alias "the Comeback Kids," used a few crucial time-outs to regroup, and overcame the Grabbers, 15-9.

After seeing what each team had to offer, both came back with ferocious intensity for game two. The hard-fought, point-for-point game was eventually survived by the Grabbers, 15-13.

Game three then became a do-or-die battle for both teams. Network took an uncharacteristic early lead and put the Grabbers into an equally uncomfortable catch-up situation. The Grabbers, capitalizing on several Network mistakes, were able to chip away and come within three, 10-7, at one point in the game, but fell victim to their own missed hits and lost serves.

A combination of Rafalik serves, tight team maneuvers and Joseph Bebey spikes finally proved lethal to the Grabbers. Final score, 15-10, Network.

A jubilant Rafalik noted that Bebey was definitely his team's MVP. "Joe's our number-one spiker, he always hustles for the ball, and really helps motivate the team," Rafalik said.

This is the second year for mixed league volleyball at the Center. The league has grown from an original eight to fourteen teams, and has approximately 150 members.

Golf season nears close

By Bob Piras

The NADC Twilight Golf League season is drawing to a close, and with two weeks left, only four teams are mathematically eliminated from the playoffs. The league was split into two divisions (White and Red) by a lottery at the beginning of the season. As luck would have it, the Reds proved to be much stronger, compiling a 606-394 victory margin over the Whites. However, the top five teams in each division will qualify for the playoffs, and it is the intra-divisional play in the second half of the season that is determining who will be in the running for the league championship.

In a four week playoff format, the second through fifth place teams in either division will compete for the first two weeks, beginning 12 September. The two winners from this single elimination event will be vying with the first place teams for the division championships. The two division champions will then face each other for the league championship on 3 October.

In any league, you want to finish first, but here the reward is even greater since a first place finish gives that team the divisional title and a shot at the league championship with only one playoff victory. Barring a last

minute swoon, the Pin Seekers (Red division) and Greenies (White division) should fill those slots. Both these teams are riding the crest of fast starts, and have coasted to comfortable leads. The other four playoff slots in either division are virtually up for grabs, and the dogfight will probably last until the last week of the season.

The final event for the league this year will come on 8 October at Bucks County Country Club. The fare will include golf, refreshments, prizes, and the awards to the champions.

Guzzler's Golf

By Charlie Destra

The Third Annual Guzzler Invitational Golf Tournament was held August 15 at the Horsham Valley Golf Course. Players from various softball teams participated in the outing, which is played yearly at the conclusion of the softball season.

Den Stiles (94) and Jack Eyth (111, handicap winner) were this year's champs. Bob Geyer won the closest-to-the-pin event.

Tournament director John Markow is planning a "Fall Classic" event, and encourages interested personnel to contact him concerning details.



Photo by Mary Ann Brett

Local area volunteer fire companies participated in a Time Response Relay, along with several other events, during the Fireman's Olympics held at the Center in August. The NADC fire company was ineligible as they are professional fire fighters.



Photo by Regina Gasuk

Eastern States Championships Model Airplane Meet was held here at NADC on 28 August. From l. to r. Frank Stanton, member NADC model airplane club, Captain Edward Sturm, Center Commander, and Don Lloyd, also member, judge for best navy scale aircraft.

Federal Junior Fellowship Program Gets Friendly Greeting

By Paul Scellsi

Back in July a new program came on-board the Center. It was similar to such established programs as the Research Apprentice and Co-op programs that provided career-related work experience for students. Yet, it was a new face on an old block and needed a friendly greeting.

The Federal Junior Fellowship Program got that friendly greeting. It received several warm smiles and, because of the willingness of many people to help out and work hard, the program began its first summer smoothly.

Gause proposes JFJP

"If you really wanted to pinpoint who got the program rolling," said Director of the Civilian Personnel Office, Ron Young, "it would have to be Kathy," referring to coordinator Kathy Gause. "She came to me about starting the program and I said, 'yes, I think it's a good idea and I'll even participate in it.'"

It was just this attitude the program needed and found in several areas on Center.

Arnold Molotsky took Mark Copeland on board in the Accounting Division, Ralph Lachenmaier made room for Kevin Bidgel in the Processing Displays Branch of the Computer Systems Technology Division, John Heap cleared the way for Leonard Elliott in the Fleet Software Engineering Analysis Division, and Lynne Edwards was given a chance in the Equal Employment Opportunity Office from Gause. The foundation was laid.

To qualify for the program a student must be a high school graduate ranking in the top 10 percent of his or her class, enrolled full time in a college curriculum that can be connected to the Center, and must demonstrate financial need. The main thing to be considered is making room for the student. For example, if Molotsky

wasn't willing to take an accounting major then that student would have missed out on a great opportunity.

"I like the program because we are getting someone who is majoring in accounting and could someday come back as a permanent employee," Molotsky said. "I'll know better in four years how much I like the program, but I think it has great potential."

"It wasn't difficult to make room for Mark (Copeland) because we are always in need of help in the summer," Molotsky said. "It has really been a good thing so far."

"Basically, they have me doing regular jobs in accounting . . . using the adding machine and checking the books for mathematical errors. When I get more into accounting at school I hope to become more involved here," said Copeland, 18, who will be majoring in Accounting at Temple.

"Part of the problem with using students in a professional area is they have limited knowledge," Computer Systems' Lachenmaier said. "If we are going to use project funds to pay the student, we need him to contribute. We are making an investment in them we hope to get back someday."

Mentors are essential

"I think a program like this is a tribute to the management personnel at NADC," Lachenmaier said. "People like John (Coyle) who are willing to act as mentor for the students and put the time in to work one-on-one, keep the program going as well as the supervisors who take the first step to make room for the student."

Four years down the road the student could be offered a full-time job in his field. The one risk that enters the picture is if the student turns down the offer. Coyle, the mentor for Bidgel, understands the possibilities. "If you work the program correctly you will have the students who will feel comfortable here and will want to

return after college," Coyle said, "of course we have no control over the drawing power of private industry."

Students are enthusiastic

The students like the program because of the money, the people, and the experience. Bidgel, 17, will be majoring in computer science at Beaver College this fall and has already received hands-on practice with computers putting him a step ahead of the pack. "This program is very helpful if you want to pursue a career in computer science," he said. "I am doing actual computer programming and signal processing and feel prepared for school."

Departments take chance

Heap of Fleet Software is glad he took the chance. "It wasn't difficult making room for Leonard (Elliott). We have starter positions for such students who are interested in computers and demonstrate the potential. He is doing well so far. He came to us with a rudimentary knowledge of computer software, a talking knowledge, which is a tribute to (Philadelphia's) Central High School. . . It has really worked out well for both parties," he said.

Elliott like the fact he is learning from professionals doing real work. "This program puts you right in there doing the real thing with top-notch people," the 18-year-old said. "The experience is great. I really enjoy working with the top people and high-quality technology." He too will be attending Beaver College for computer science.

Students well treated

All of the students said they were treated with respect, like a permanent employee. "I like the fact that if I make a suggestion they think about it, examine it, and go all the way with it,"

Security Reminders

Classified Material

Material should be reviewed annually to determine if it should be downgraded, declassified, destroyed or returned. The purpose of the review is to reduce the volume of material on hand and reassign security containers made available by reduced volume of material.

Badges

NAVAIRDEVCCENINST 5510.13B, Chapter 15, requires that badges be worn on the upper part of the body in full view, to facilitate identification. All employees and contractors are reminded the wearing of the Center badge is mandatory while on the Center.

Handcarrying

All hand-carried classified materials must first be routed through the Security Classification Office (Code 0441) before being carried off the Center. Material classified "Confidential" will then be processed through the Mailroom (Code 04122) and "Secret" material through the Center Secret Custodian (Code 04124).

Elliott said. "Yeah, they really listen to you," Bidgel agreed.

Edwards, 18, the first fellowship member, is putting together a manager's guide for supervisors who might participate in the program in the future. She understands the value of the program which is giving her a chance to gain experience in business administration, which she will be studying at Ursinus College.

"I think it is an excellent program for people like me who would have ended up being a camp counselor for the summer," she said smiling. "Instead, I am learning in my field." Edwards also noted, "Co-ops have some college education behind them when they start their program and then find out what is in their (text) books is different from the job. The Junior Fellowship Program gives me a more realistic view because of my on-the-job training."

Young lauds program

In the opinion of Young, "It is a good in-take program which gets NADC quality people at the other end of the pipeline. I think a strong selling point is that we get high-quality people and they in turn get a chance to gain experience in actual career-related work.

"We are hoping that other areas throughout the Center will follow suit and participate in the Junior Fellowship Program," Young said. "Hopefully through the early success of the program other opportunities will open up for additional participants."

The students are happy, the supervisors are happy, and the program is rolling along. The new face in town is the Junior Fellowship Program. Take a chance and get to know it.

For information on the Program, call the DEEO Office, ext. 3061.

Editor's note: This article was written by Paul Scellsi, a summer employee at NADC, who is majoring in Communications at Temple University.



Crash House Officially Opened — from l. to r. Ken Clegg, Head Technical Services, CAPT Edward Sturm, Center Commander, Don Meadows, Fire Chief, LCDR Burt Streicher, Public Works Officer

Guarini New Associate TD

(Continued from page 1)

the Center Design Team and the Advanced Weapons and Concepts Group (Code 20P). Speaking highly of that position, Guarini said, "It afforded me the opportunity to apply my 18 years of technological background to the solution of some very difficult weapons systems problems such as the Forward Pass, F/A-18R, ECX, P-3, J VX, and VFMX, to name a few." Guarini added, "The technology background provided the foundation for the Systems involvement, which in turn provided the basis for the PAR and O1A assignment. I was very fortunate to have had such exciting assignments and the opportunity to work with so many competent and dedicated employees." He credits any of his success over the years to his co-workers. "I had many, many good teams over the years," Guarini noted, "however, I am particularly indebted to the hard-working and extremely competent PAR employees who taught me so much in such a short span of time. The variety, and complexity of jobs thrown their way on a daily basis is almost staggering, yet they always get the job done without much Centerwide awareness of their involvement!"

DANTES for civilians

For the first time, civilians are now eligible to take the Defense Activity for Non-Traditional Education Support (DANTES) examinations to earn college credit for knowledge gained on the job independently. A Chief of Naval Operations message announced this in July.

For many years, only active duty service members were eligible to take these tests. Now, military dependents and DoD civilians may take any of the more than 50 standardized tests on subjects ranging from applied technologies to languages and social sciences.

Many of the DANTES tests cover knowledge required to obtain a technical or trade certificate or diploma; but, some also are applicable to associate and baccalaureate degrees. Candidates who pass one of the tests can usually receive three college credits without having to sit through a

One of the new Associate Technical Director's primary roles is Chairperson of the Center Management Group (CMG). "I find the responsibility of leading the CMG perhaps my most challenging assignment," he said. "I have had many teams over the years, but the CMG presents quite a formidable team of professional, and experienced players. It's the first team of NADC and on a daily basis impacts where the Center is going."

"I have come into the O1A position at a very opportune time," Guarini stated, "because the CMG is in the first stages of a strategic planning process which will determine the Center's course for many years to come. In addition, I have just gone through the FY-85 Business Planning Process, the Center's IR/IED reviews for next fiscal year and the Center Wide Support programs for FY-85." Guarini continued, "The new CO/TD combination has already proven to be a good team unto itself, and both CAPT Wright and I face the same perspective," Guarini observed, "we are both new to our positions, and we are looking forward to working with the CO/TD to keep NADC moving forward."

course covering the same information — and without having to pay tuition.

The DANTES program complements the College-Level Examination Program (CLEP), because it offers tests in subjects not covered by CLEP tests.

According to the message, DoD civilians and military dependents pay \$25 for each test administered at a military installation. Colleges and universities set their own fees and may also be contacted for further information.

At this time, the closest testing site to NADC is the Willow Grove Naval Air Station, anyone interested in taking tests should contact Herman Liccioli, Education Services Officer there, on 443-6871. Liccioli says that the examinations will probably be available at Willow Grove the latter part of September. (MAB)

"EDITH" in all families

By Mike Masington

It is truly amazing that our enlightened society will spend an average of \$225 on homeowner's insurance, \$40 each for high security locks, and maybe thousands on a burglar alarm system, but won't spend from \$10 to \$50 to provide their families with a chance of survival. What is this \$10 miracle item? Why a simple smoke alarm of course. Let's take a look at the facts. 5,900 people die and 200,000 are injured in residential fires every year. Most of these fires occur between 8 P.M. and 8 A.M. when most occupants are asleep, and most deaths result from inhaling smoke or toxic gas, not from flames. Doesn't it seem logical to protect yourself with something that can detect this smoke and gas and then wake you up before you become a victim?

The number and placement of smoke detectors depends on the size and configuration of your home, but generally at least one per level is recommended with most attention given to protecting the bedroom area. Most detectors on the market today are at least adequate, but check to see that the ones you purchase have an Underwriters Laboratory approval and detailed installation, maintenance, and testing instructions. Follow these instructions exactly to place your detectors properly, and ensure that

they will work when you need them.

Being alerted to a fire in your home is only part of the problem. Your next major concern is how you and your family will get out. For this situation you need E.D.I.T.H. No, E.D.I.T.H. isn't a who, it's a what and stands for Exit Drills In The Home. Start by studying your house carefully, and plan at least two escape routes from every room, particularly bedrooms. An alternate exit is necessary, since your primary escape route may be blocked by smoke and flames. If a window escape route is necessary, make sure the windows work easily and are large and low enough to get through. Use any available porch, shed, or garage roof to reach safety or if needed, purchase an emergency escape ladder. Include specific plans for evacuating small children, the elderly, or any other member of the household who would need special help. Pick an assembly point well away from the house where everyone will meet and be accounted for. And finally, PRACTICE YOUR EXIT DRILL. No, don't just talk about it, have everyone do it often enough so that there will be no tragic misunderstandings or mistakes in a real emergency.

Remember, for a small investment of your time and money, you can give your family security and peace of mind. Isn't it worth it?

Ten years of safe flying

In early August, VADM James B. Busey, Commander of the Naval Air Systems Command, sent NADC a message commending us for our impressive aviation safety record.

Busey stated that 23 July 1984 marked the Center's tenth year of class A mishap free flying—the equivalent of 28,000 flight hours.

"This outstanding safety accomplishment," said Busey, "is the result of personal dedication and professional pride. All hands are to be congratulated for their exemplary safety record for the past ten years."

More recently, VADM Robert F. Schoultz, Deputy Chief of Naval Operations for Air Warfare, sent a similar message of recognition offering "Congratulations on your outstanding contribution to aviation safety."

Commander Gordon Safley, NADC Operations Officer, attributed the fine record, in part, to the reaffirmation of the safety standdown approach to operations. He said, "We apply this approach not only to flight personnel, but to maintenance personnel as well.

This kind of success can't be accomplished by either group alone. It takes all hands at all levels to ensure aviation safety."

Lieutenant William Ryan, Naval Aviation Training Operations Procedures Safety (NATOPS) Officer, described the safety standdown approach as an all day effort to counter complacency both on the ground and in the air. "Last year," said Ryan, "we held four standdowns covering a wide range of subjects such as safe driving, survival equipment on the airplane, and cause factors from previous airplane accidents."

"Our efforts though," Ryan added, "would be in vain if we didn't have the Center Commander's support, both past and present. The command policy, upheld now by Captain Edward Sturm, is 'no project test is so urgent that it merits the taking of undue risk.'"

Sturm strongly endorses the closing sentiment in Busey's message, "I extend my sincere appreciation for a job well done. Keep them flying. Keep them safe." (MAB)

The NADC RECIPE REVIEW

Chicken Supreme

This month's recipe is provided by Nancy Macur (Code 1P, X1726) who will receive a \$50 Bond from the Food Service Board. This recipe will also be served in the NADC Cafeteria. Submit your recipes to Mr. Robert Green, Cafeteria Manager. One winner will be selected each month.

1 cup soft bread crumbs
1/2 cup grated Parmesan cheese

4 whole chicken breasts, split (about 12 oz. each)
1 cup butter, melted

Combine bread crumbs and Parmesan cheese. Dip chicken breasts in butter, then roll in crumb mixture. Arrange chicken breasts in 15-1/2 x 10-1/2 x 1" jelly roll pan. Pour remaining butter and crumbs over chicken. Bake in 350° oven for 30 minutes. Baste with pan drippings. Bake 30 minutes more or until chicken is tender. Makes 8 servings.

LOOK FOR THIS RECIPE TO BE SERVED IN THE NADC CAFETERIA

--- Cut here for file card ---



Photo by Ken Smith

l. to r. (top row) Mrs. Jeanett Gray, Mrs. Alice Dougherty, Mrs. Debbie Streicher, Mrs. Elizabeth Blower (Wives Club members); l. to r. (bottom row) their children, and Ms. Diane Hazzard, Children's Librarian at Warminster Free Library.

Wives Club donates horse

On 29 August 1984, the Naval Air Development Center's Officers' Wives Club donated a wooden rocking horse to the Warminster Free Library.

The Officers' Wives Club, whose current President is Mrs. Debbie Streicher, donated the horse in memory of Christopher Hatter of Warminster, recently killed in a car accident.

Streicher said the \$85 horse was purchased from Community Playthings, an organization that manufactures hand-crafted toys and is run

by a self-sufficient community of Brothers in Rifton, New York.

Diane Hazzard, Children's Librarian at Warminster Library, said the horse was greatly appreciated and would last for many years.

The Officers' Wives Club holds several events each year such as bake and flower sales, and auctions to raise money for various charities. Some of these include: Women Against Rape, The Ginger Tuttle Scholarship Fund, Bucks County Vietnam War Memorial, the National Military Wives Association, and others. (MAB)

Combined Federal Campaign Kicks Off

This year's Combined Federal Campaign is scheduled to begin October 15th and continue until November 23rd. The Center's goal is \$80,000.

Joseph Cody, this year's chairman, said, "the list of charitable organizations will be the same as last year, however, all combined federal campaigns must permit contributors 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 we provide." This new Office of Personnel Management regulation went into effect this past August. Therefore, if the charity to which you wish to donate is not on the list provided, just write in the agency's name and address as best you can and campaign headquarters will follow through by checking their qualifications and donating the money to them.

Cody further explained that, "The campaign this year will emphasize and encourage contributors to give and designate their gift to a specific recipient of their choice instead of making a general contribution. As in past years no one will be required to do either."



Joseph Cody, Chairman, CFC

The overall NADC participation last year was 78.6 percent. The Center hopes this year to increase that percentage substantially and meet its new goal.



Commander Salutes

LCDR M. Dougherty, ADC W. Tuite, AE3 J. Baxter, AC1 P. Bateman, AMS1 K. Grard, AS1 K. Heberlig, AD2 G. Potter, AE3 V. Neal, ACC J. Becknell, ADAN M. Krueger—For assistance in the recovery of five tactical aircraft from NAS Willow Grove.

Mr. T. Weaver, LCDR N. Brownsberger, AW1 J. Pelton, AW1 M. Singer, AT2 C. Collins, (Code 10); Mr. B. Knouse, Mr. N. Kreshover, Mr. L. Bolmarcich (Code 50); AD1 S. Cox, AMS2 C. Wade, AME2 R. Henry, AE2 C. Chrz (Code 80)—For outstanding performance to the Naval Air Systems Command during the testing of the first production P-3C Update III weapons system.

Mr. A. Karalus, Ms. L. Bronikowski, Mr. R. Gindhart, Mr. W. LaBarge, Mr. D. Volak, Mr. S. Sanelli, Mr. F. Rineer (Code 30)—For significant contribution to the Naval Air Systems Command as members of a test team during the successful completion of the Carrier Battle Group Noise Measurement.

Mr. K. Kennedy, Mr. P. Ondeck, Mr. W. Schork (Code 60)—For essential support to the Pacific Missile Test Center during the YBOM-126A flight demonstration.

PR1 B. Clements, PR2 J. Harpersberger (Code 80)—For outstanding assistance to the Navy Aviation Supply Office by introducing two new survival equipment inventory managers to the identity, function, and attrition characteristics of various parachutes and their components.

Mr. W. Cole (Code 60)—For dedication to the Independent Research and Development Program which enabled the Naval Air Systems Command to fulfill its obligations.

Mr. N. Armstrong (Code 30)—For dedication to the improvement of US/Canadian reconnaissance systems for the past nine years.

LCDR W. Helm (Code 60)—For outstanding performance as the Human Factors Engineering Exploratory Development Block Program Manager.

Mrs. J. Koch (Code 094)—For untiring dedication to the Small and Disadvantaged Business Utilization Program which merited the Navy Field Contracting System Small Business Award.

Mr. P. Benner (Code 60)—For outstanding performance from August 1983 through July 1984 as the Technical Team Leader for the evaluation of the BOM-PI Target Program.

Ms. B. Simpson (Code 03)—For outstanding assistance as a union negotiator during a recent OPM training course.

Promotions

Kevin W. Birney, Betty Bodor, Denise M. Boone, Charles H. Carik, Steven P. Fleischut, Patricia D. Foley, Barbara M. Goldstein, Clelland N. Green, Francis A. Karwacki, Kathleen J. Lampman, Miriam E. Lentz, Carol M. Majer, Michelle A. Martin, Thomas P. McLaughlin, Paul D. Meisinger, Shirley J. Morris, John V. Newton, Sebastian Nicolo, Rose Marie Pearce, Joan M. Reimel, Carl R. Ruzicka, Philip J. Sanborn, Christine V. Santi, Joseph F. Schnecker, Gregory I. Schultz, Charles R. Schweizer, Paul J. Sheridan, James C. Vernon, Jr., Marvin A. Walters, Neil R. Weinman.

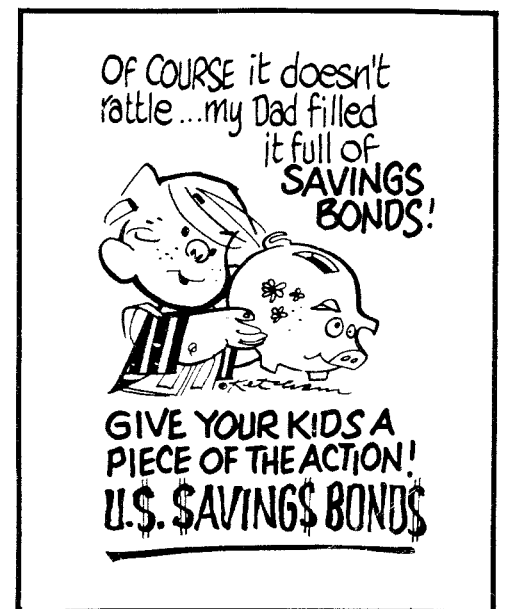


Photo by Jim Kingston

Volunteers from NADC's Association of Federal Employees (AFE), their families and friends participated in a Pledge Drive on 25 August for the benefit of WHYY TV-12, the public broadcasting station in the Delaware Valley.