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Volume 36 Number 7

NAVAL AIR DEVELOPMENT CENTER, WARMINSTER, PA.

July 1991

## McCracken takes the helm at NADC



Center Commander, Captain William L. McCracken

By Jim Kingston

Amid concerns of closures and consolidations of military bases and research and development laboratories, one Navy tradition continued as Captain William L. McCracken became the 20th Commander of the Naval Air Development Center at ceremonies here, Friday June 28th.

McCracken relieved Captain Curtis J. Winters, who has been the Center Commander for the past four years. Winters is returning to Washington, D.C. for a post at the Naval Air Systems Command.

The new Captain is no stranger to NADC having spent a tour here beginning in 1976, first, as the P-3C Update I/II Project Officer and, later, the Update III Project Officer and an Aerospace Engineering Duty Officer.

Prior to assuming command of the Center, McCracken served as Deputy Program Manager, Communications Satellite Programs in the Space and Naval Warfare Systems Command in Washington.

McCracken is a 1967 graduate of the U.S. Naval Academy where he received his degree in Aerospace Engineering. Following graduation, he underwent flight training and was designated a

Naval Flight Officer in July 1968. His first assignment was as Squadron Anti-Submarine Warfare Tactical Coordinator with Patrol Squadron Eight.

He attended the Naval Postgraduate School, Monterey, California, receiving a Master of Science degree in Aeronautical Engineering and was selected for a third year of study earning an additional degree in Aero Computer Science in 1974. McCracken's next assignment was on board the USS Hancock where he served as Air Traffic Control Officer of the Deck.

In 1976, McCracken was assigned to the Naval Air Development Center as the P-3C Update I/II Project Officer. For two years he supervised the software development and delivery of the operational and test programs for the P-3C Update aircraft. In 1978 he was made P-3C Update III Project Officer and designated an Aerospace Engineering Duty Officer.

He was next transferred to the Naval Air Systems Command as P-3C Avionics Systems Project Officer. He managed the P-3C avionics programs and served as Chairman of the P-3C Software Configuration Review Board.

In 1983, he became Chairman of the

*Continued on Page 3.*

## Winters leaves NADC for NAVAIR

By CAPT Curtis J. Winters

Four short, exciting years ago I was trying to learn as much as I could about how the Naval Air Development Center operated. The first impression I had was that this is the most talented, versatile group of individuals I have ever come in contact with. My opinion has not changed in four years. You have continued to impress me with your technical competence, your obvious dedication and your enthusiasm for what you are doing.

Your accomplishments and awards during the past four years have been many. Since the Chief of Naval Research established Scientific and Technology Awards among the seven R&D Centers and four university laboratories, you have been consistent winners — receiving 50% of the total awards presented.

During the past four years the Small Business Office won two All Navy Awards, the EEO Office was judged Best of SPAWAR, the Fire Department won the Best of Class Award and the Personnel Department received a top

rating by outside reviewers. The record setting performance of the engineering and support groups who developed and produced equipment for Operation Desert Storm was spectacular.

But not all of you won an award or worked on new technology. All of you, however, contributed directly or indirectly to the success of this Center. You who work in Public Works have maintained and operated a 50 year old facility contending with the extremes of Pennsylvania weather and high priority construction around the clock, year after year.

The Aircraft Operations and Maintenance Departments performed flawlessly operating detachments flying out of Alaska, Iceland, Norway, Germany, Africa, Italy and the Caribbean.

But what about tomorrow? I know that many of you are wondering, what does the future hold for our nation, our Navy and this Center?

Significant changes in world events have occurred in the four years that I have been at this Center. The Berlin

*Continued on Page 6.*

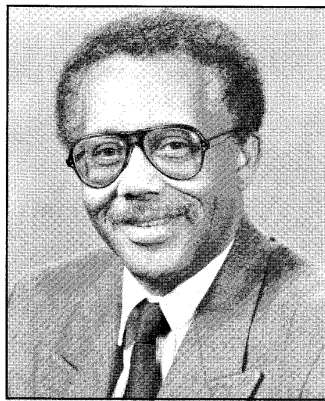


Former Center Commander, Captain Curtis J. Winters

## Command Corner



**Captain William L. McCracken**  
Center Commander



**Guy C. Dilworth, Jr.**  
Technical Director

### Captain William L. McCracken's Speech

Admiral Ailes, Admiral Strohsahl, Admiral Olson, Captain Winters, Mr. Dilworth, distinguished guests, family and friends, men and women of the Naval Air Development Center . . . it's great for me to be back at NADC . . . and equally great for my wife Karen, who is returning to her hometown of Philadelphia . . . and I see her family is here to welcome us, thank you.

I also want to thank my family and close friends for traveling here to share this occasion with us.

I'd like to give special recognition to Captains Joe Kiel and Bob Bondi, and Commander Courtney Yelle — three of my former immediate supervisors and NADC alumni. They had faith in me and gave me the challenges and responsibilities that helped prepare me for this job.

Gentlemen . . . I won't let you down!

My Navy career is closely linked to the Naval Air Development Center. As a young Lieutenant J-G, in my first operational squadron, I had the good fortune to be directly involved in a research project with an R&D Center in Pennsylvania called NADC "Johnsville." I was so impressed with the professionalism and talent of the Johnsville engineers and the exciting things they accomplished, I made the career decision, then and there, to become an aeronautical engineering duty officer.

Again, as a student at the Naval Post-graduate School, I was able to come to NADC — now called "Warminster" — for an 8-week experience tour. I was assigned to a design team, where two super engineers — Ruth Pickering and Bill McMahon — and a very talented team took me under their wings and taught me the skills that motivated me through the rest of my graduate school training.

Later, I was assigned to NADC and served as a Project Officer. I learned from three great project engineers that a team of military (both officer and enlisted) and civilian engineers, together with support personnel and contractors could — together — accomplish great things . . . and we did!

Later still, as a Project Officer at NAVAIR, I often sought out NADC to do the challenging tasks — and the Center always delivered superior results.

Now, as your new Center Commander, I come with an appreciation of your capabilities . . . I know what you can accomplish . . . and I will expect nothing less!

Over the years, this Center's technol-

ogy has contributed so much to giving this nation such a great deterrence . . . that the Cold War is now over. The perception is:

— The threat has gone away!

— But has it? . . . or has it simply been replaced by a new challenge?

As Captain Winters pointed out . . . this country is now faced with a staggering deficit, the solution to which will affect all of us.

Our challenge is: to give the United States Navy the most value for every precious dollar!

My challenge is to keep you informed . . . so you can accomplish this task without worrying about any uncertainty to your future.

We saw in the Persian Gulf War what can and did happen when two armed forces of equal size meet in combat and one has the edge in both technology and will.

As you well know, — and as Captain Winters recognized — the Naval Air Development Center played a big part in giving the United States that technology edge. Now, we must help it maintain that superiority so our sailors, soldiers, marines, and airmen will never find themselves in the impossible position that the Iraqi armed forces did.

I can see that the real source of our technological lead lies *not* in any facility or well-equipped laboratory.

The real technology edge is in the minds of you NADC scientists and engineers . . . and the will to succeed is in the hearts of all of you . . . the entire NADC team. Captain Winters saw it, too: When he said, ". . . The essence of NADC — the knowledge, experience, and ability . . . is in the hearts and minds of you who work here."

Well, let me tell you, I'm here to serve and keep this NADC team strong and viable. I believe, God willing, that you men and women of the Naval Air Development Center can accomplish any task to which you set your hearts and minds.

Curt, you've already made my task easier by passing on to me a ship and crew that's second to none. I see now why NADC is referred to as — the Navy's premier laboratory! You can be proud of your accomplishments here. I wish you and Marian the very best in all your future endeavors.

Ladies and gentlemen of the Naval Air Development Center: It is with great pride and excitement that I look forward to serving you as your Center Commander.

Thank you!

## Commander Salutes

Clara Laiss, Blaine Price, (Code 021); Michael Harding, (Code 0211); Cynthia Kotary, (Code 0212); Jacquelyn Benner, Tracy Kopper, Joanne Owen, (Code 03E); Diane DeRose, (Code 031); Richard Chern, Marianne DeCicco, (Code 032); Neil Abramson, (Code 05P); Robert Janes, (Code 095); Jason Craig, (Code 8132); Lisa Fitzpatrick, Olga Haug, (Code 8133); Ronald Simononis, (Code 8351); Rosa Cerankowski, James Cuorato, (Code 8454); For your outstanding assistance and contribution to the Philadelphia Area Navy Equal Employment Opportunity Council's tenth EEO Manager's Training Forum. Involvement such as yours is critical to the success of such major endeavors and reflects very favorably upon yourself and the Center.

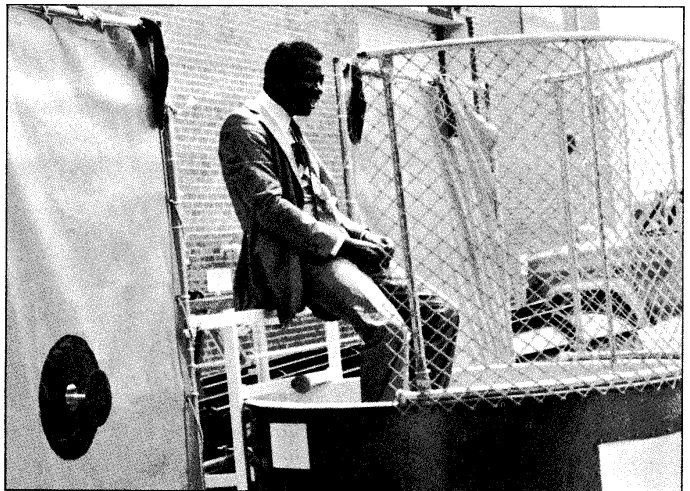
Joseph Kelly, (Code 601): For outstanding contributions you made to the Honors Network Symposium. Your expertise and professionalism were, to a great extent responsible for its success.

Jonathan Kaufman, (Code 602); Vinod Agawarla, James Katilaus, Georgette Gaskin, Eileen Armstrong-Carroll, (Code 606): For outstanding contributions during the second Navy R&D Information Exchange Conference. Your presentation and professionalism reflect creditably on yourselves and certainly enhances the Center's reputation.


John Clark, Jr., (Code 605): For outstanding contributions made to the Joint Assessment and Ranking Team and a U.S. ASTOVL Normalization Team. Your expertise on behalf of the cooperative effort between the United States and United Kingdom reflects creditably on yourself and enhances the reputation of the Center.

Larry Buchsbaum, Anthony Mickus, (Code 30B); Robert Geyer, Donald Promish, John Strobel, Cheryl Zorzi-Brozik, John Taylor, (Code 301); Carla Mackey, Jeanne Marie Kita, Arleen Anderer, Pascual Spensieri, Paul Poore, (Code 302); Joseph Paone, David Bailey, Carl VanWyck, Paul Bumgardner, William Bogdan, (Code 303); Steve Ganop, (Code 402): For extraordinary resourcefulness, professionalism and dedication to the Warfare Systems Architecture and Engineering effort. The professionalism and dedication you exhibited are highly commendable and your efforts greatly appreciated.

Mark Gindele, (Code 3033): For your outstanding performance in support of the Navy Advanced Tactical Fighter (NATF) program. Your noteworthy dedication and professionalism have represented the NADC extremely well.



Dick Mitchell sits in the dunk tank during the Navy Relief Fund Drive



**Reflector**

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# Technical Highlights

## ATIP (Ada Technology Insertion Program)

The AJPO (Ada Joint Program Office) competitively selected and funded an NAVAIRDEVGEN, Systems and Software Technology Department, Software and Computer Technology Division R&D (Research and Development) proposal to develop reusable Ada bindings for an "X-Windows" graphics terminal capability. The Ada bindings will be used on the JIIDS NDA development effort for the Navy-Standard Desk Top computer which NAVAIRDEVGEN is also developing and will be delivered to the AJPO for reuse by other Ada developers.

## AN/UYS-2 (Enhanced Modular Signal Processor)

The EMSP TDA (Technical Direction Agent) finalized ASIP (Acoustic System Integration Program) descoping exercise to effect a technically sound and cost minimal ASIP program. Participated with and formally presented to user community the descoped ASIP Program.

Finalized Unit Specifications for ALFS (Airborne Low Frequency SONAR) and BSY-2 (Seawolf Submarine) customers as basis for ASIP requirements for these platforms.

Supported planning for Production Readiness Review for SEM-E. Also responded to all Embedded Computer Resources Issues related to SEM-E PRR (Production Readiness Review) audit in preparation for Milestone III approval.

## JTIDS (Joint Tactical Information Distribution System)

The Software and Computer Technology Division completed a comprehensive SDP (Software Development Plan) in accordance with DOD-STD-2176A for a Joint Service NDA (Network Design Aid). The NDA development effort will provide the Navy with a user-friendly, graphical, software tool with which to define and configure a multi-platform communications network to insure interoperability of deployed JTIDS terminals.

The Systems Speciality Engineering Division developed the format and published 22 Quick Look EMI (Electromagnetic Interface) test reports.

Provided an impact statement on shipboard electrical bonding requirements.

## Request for Procurement (RFP) Completed for S-3B Co-Processor Memory Unit (CPMU)

The Advanced Systems Group in the VS Program has completed an RFP for the CPMU to replace the drum and post display processor in the S-3B avionics. This development is a joint venture with the Canadian Government due to the similarity between the S-3B and the CP-140 systems. The CPMU will provide the S-3B system with increased memory capacity, and increased reliability. The Center's procurement of a CPMU also includes a co-processor for the augmentation and replacement of the AN/AYK-10. Additional growth factors include a 1553 bus, fiber optics, and a Small Computer System Interface capability. The contract will be awarded by the Center's Contracts Division in early June 1991.

Dr. Vinod Agarwala, Code 6062, chaired sessions on "Coating Systems versus Aerospace/Marine Environments" and "Advanced Materials for Marine Aerospace Applications," at the First International Symposium on Environmental Effects on Advanced Materials, ADVMAT/91, held June 19-21, 1991 in San Diego. Agarwala also served as a member of the organizing committee and presented a paper on "Corrosion Behavior of Metal Matrix Composites."

John DeLuccia and John Boodey presented a paper on "Stress Corrosion of RST Al Alloy Extrusion Containing Molybdenum." Ronald Cochran, Thomas Donnellan and Ronald Trobacco presented a paper on "Degradation of Imide Based Composites." Randall Sands and T. Kricher presented theirs on "Environmental Effects on Ceramic Matrix Composites."

The ADVMAT/91 was sponsored by the National Association of Corrosion Engineers, and cosponsored by The Metallurgical Society, American Society for Testing of Materials and the ASM International.



**NADC Fire Chief presents an official commendation to former Center Commander C.J. Winters from the Bucks County Board of Commissions.**

## The Navy Exchange

Welcome home,  
U.S. Armed Forces!

And we welcome you to  
follow the yellow ribbon  
to special values.

The Navy Exchange congratulates the Armed Forces for a job well done in Operation Desert Storm. We're saying our thank you with a special Yellow Ribbon Coupon good for the month of July. You and your family have done so much for our country, now we want to do something for you!

During Yellow Ribbon Month, everyone can find a parade of values throughout the store. Present this coupon to receive 10% off any one item. It's a great month of savings, courtesy of your Navy Exchange.

## McCracken takes the helm at NADC

*Continued from Page 1.*

Aerospace Engineering Department at the U.S. Naval Academy where he expanded the Aerospace curriculum to include both an accredited aeronautical and space engineering curriculum. Next, he completed the Program Managers Course at the Defense Systems Management College.

McCracken's awards include the

Meritorious Service Medal, Navy Unit Commendation, Meritorious Unit Commendation, Humanitarian Service Medal, and Armed Forces Expeditionary Medal.

He is married to the former Karen Antonitis of Philadelphia. The McCracken's have six children: Jennifer, Jason, Scott, Sauren, Ryan, and Gregory.



**NAVY exchange**

**10% off** Yellow Ribbon Month

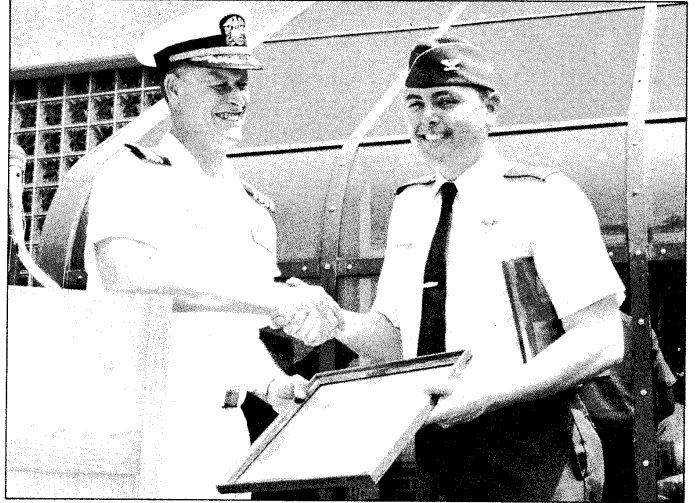
Bring this coupon into the Navy Exchange and save an extra 10% on any one item.

Limit one coupon per customer. Expiration date: July 31, 1991

# Memorial Day Service



*Lt. Gen. Frederick A. Welsh speaks during the Memorial Day Service.*



*Dr. James Whinnery receives an award for serving in Operation Desert Storm from Captain Curtis J. Winters.*

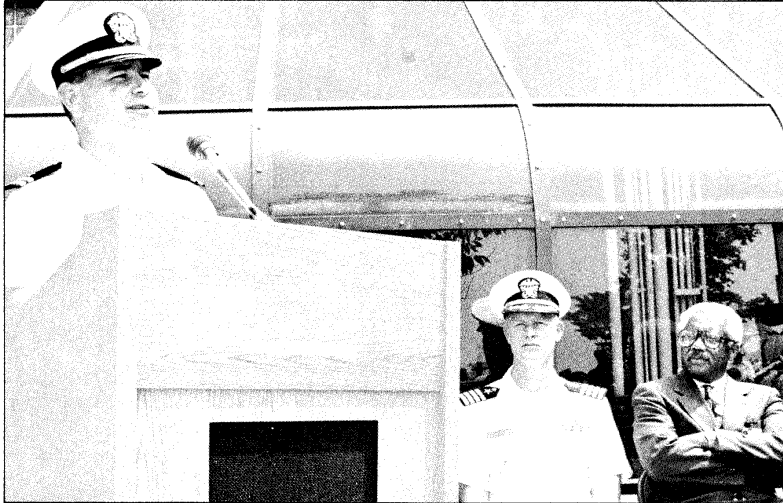


*Members of the NADC Auxillary Security Force stand ready for the 21 gun salute.*

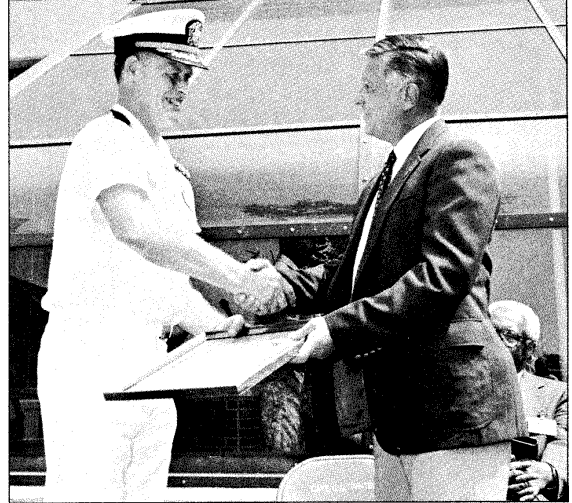


*YN3 Mark Hisert and AWAN Charles Harrison raise the flag during morning colors.*

# Honors Veterans



*Navy Chaplain, T. Judge, reflects during Memorial Day Service.*



*Captain Curtis J. Winters hands John Kelly an award for participating in Operation Desert Storm.*



*The former Center Commander and Lt. Gen. Frederick A. Welsh display the Memorial Day wreath.*

## MWR Designated as Ultra Slim Fast Team Tennis Site!

By Heather O'Rourke

A recreational Team Tennis League for adults will begin August 3 through October 5 with July 22 being the registration deadline. Matches will be played at lunch time on Tuesdays and Thursdays for 10 weeks.

Recreation Team Tennis is a tennis league which allows men and women to compete in an exciting fast-paced format. A Team Tennis match consists of five or six no-ad sets including one set of men's and women's singles, one set of men's and women's doubles and one or two sets of mixed doubles. Scoring is cumulative with the team winning the most games winning the match.

Just by joining the league here at

NADC, each player receives a free t-shirt, free court usage, a \$5 MWR annual usage fee membership, the opportunity to play in regional tournaments and, to the winning teams, Team Tennis awards.

Recreational Team Tennis is played year-round across the country. Recreational players play the same format as Professional Team Tennis. Tennis legend Billie Jean King serves as the Chief Executive Officer of Team Tennis.

The league entry fee will be \$25, which includes everything mentioned above. Remember the entry deadline is July 22. For more information, call Mike Dampf at X2510.



## Dive . . . Dive . . . Dive!

By Heather O'Rourke

UnderWater World and MWR are jointly offering an Open Water I Scuba Course. The class begins on July 2 and meets Tuesday and Thursday nights, 7-10 p.m., at the NADC pool. All course instruction will be done by UnderWater World with certified instructors. A minimum of 8 students is needed to hold the class. The cost of the class is \$125 per student plus books and certification fee. For more details, call MWR X2510.

## Volleyball continues

By Heather O'Rourke

The Miller Summer Series of Volleyball continues with the third summer competition on July 20. Advance registration is required through the MWR Recreation Division. A \$10 entry fee includes participation, a T-shirt, refreshments and awards to the first place finishers in doubles and fours on sand. The top teams in each division will win a trophy and prizes from Miller Brewing Co. Check-in starts at 8:30 a.m. and the tourney begins at 9 a.m. For details contact MWR X2510.

## Discount Golf Passes

By Heather O'Rourke

MWR has a few discount golf passes for Northampton Valley Golf and Country Club still available for NADC Civilian employees and active duty military. The passes are sold in the Fitness Center for only \$14 each — that's a savings of over \$4 weekdays and \$8 weekends! You must schedule a tee time for after 2pm if you are golfing on the weekend or on a holiday. For more information, call MWR X2510.

## Security Reminder

### Reproduction of Classified Material

Reproduction of classified material shall only be accomplished in the Navy Publishing and Printing Service (NPPSBO) (Code 060). Warning notices are posted on duplicating equipment throughout the Center prohibiting the use of such equipment for the reproduction of classified material. The prohibited use of the equipment is also addressed in NAVAIRDEVCEININST 5604.2. The instruction also identifies the mandatory requirement that each machine bear a round, serially numbered seal on the glass platen. The removal of such seals is prohibited and constitutes tampering with government property. The unauthorized removal of such seals could result in adverse action against persons found responsible. AFTER NORMAL WORKING HOURS, KEY CONTROLS WILL BE ESTABLISHED FOR REPRODUCTION FACILITIES OR EQUIPMENT UNDER THE COGNIZANCE OF INDIVIDUAL DEPARTMENTS. (Para. 0902. b., Chapter 9, NAVAIRDEVCEININST 5510.113D.)



## Winters leaves NADC for NAVAIR

Continued from Page 1.

Wall has come down, the Warsaw Pact has disbanded, the Soviet Union has experienced an economic and political collapse, and the United States led a coalition of forces in the most stunning military victory of this century. The Cold War is over. The absence of a serious military threat and the pressures of a rising budget deficit are lowering defense spending to a level we have not seen in 50 years. We are going from a defense budget of 6% GNP in 1988 to a planned 3% in 1998.

Our nation has never maintained a large military force without a perceived threat. At the end of the Revolutionary War the last frigate was auctioned off and the Navy disbanded. At the end of the Civil War the fleet was cut from 626 to 60 ships. After the First World War a conference for the limitation of Naval armaments declared a 10 year prohibition on capital ship construction. During the Depression the Navy took a 15 percent cut in pay, many were furloughed, and only part of the 1933 Naval Academy Class was commissioned.

Yet during all the periods of disarmament there were always enclaves of

technical capability and people who could be called upon when the need arose. I believe this need will continue and the men and women of the Naval Air Development Center will continue to play such a role.

In the future there will be more changes of management, a probable change of name, and possible change of location. But the essence of NADC: the knowledge, the lifetime of experience and the ability to accept challenges, is carried in the hearts and minds of you who work here. I know you will persevere and keep the flame whatever the future brings.

Years from now when I look back at my tour at NADC, what I will recall is the tremendous loyalty and support that I received from all of you. The employees of NADC, the Warminster community, elected officials at every level, the local news media, the Navy League, and the Rotary Club — you have made my job easy and my family a part of yours. I thank you for your kindness and know that you will welcome Captain McCracken and his family in the same way.

It is with pride and sadness that I relinquish command of NADC and bid farewell.

## NADC's target acquisition system "looks" where pilot looks

By Lawrence L. Lyford

Telling your air-to-air weapons system where you want it to zero-in while quickly maneuvering high-performance aircraft to gain tactical superiority in close combat encounters is difficult — reactions of seconds count. Although modern aircraft canopies provide the fullest possible view, seats and helmets allow maximum over-the-shoulder head maneuverability, the weapons systems haven't known where the pilot is looking. If they did, crucial intelligence could have been transferred.

Now, a new technology, developed here at the Center, minimizes the time required by fighter and attack aircraft to acquire a target and reduces the need to maneuver in search of a target. It is a pilot tracker, called a Navy Standard Magnetic Tracker (NSMT) and it accurately tracks where a pilot aims his head, or rather his helmet.

The system determines helmet position and orientation by filling the cockpit with an alternating magnetic field

from a canopy mounted device. The alternating magnetic field induces low level voltage into the helmet mounted sensor. The level of induced voltage depends on the distance between the field source and the sensor. The voltage formation then is sent to a computer through a signal processing system to calculate the helmet orientation and position. This information can be used by target acquisition systems to "look" where the pilot looks. The tracker, already, has completed initial developmental testing in the one Navy aircraft.

The unit consists of a helmet-mounted sensor, a canopy-mounted source source, an electronics and computer circuit and a control panel. Some of its important features include: lightweight, full-spherical coverage, high accuracy and reliability.

This program is another step by the scientists and engineers at NADC to ensure Navy/Marine aviators maintain air superiority during aerial combat engagements.



Steam cleaning by Chief Petty Officers Dwight Myllenbeck and Paul Yuknis.

## If the SOC fits Serious procurement incident could have been worse

By Robert G. Janes

The most significant piece of legislation affecting the Navy's Standards of Conduct (SOC) over the last few years has been the Procurement Integrity Law. The law imposes various restrictions on three categories of people: current government employees, contractors competing for an ongoing procurement, and former government employees.

One of the law's provisions make it improper for a competing contractor to solicit or obtain any "proprietary or source selection information" concerning an ongoing procurement. A few months ago we had a violation of this portion of one of our Requests for Proposals when a former NADC employee, now serving as a consultant for one of the competing contractors, called up an old friend on the technical evaluation team and inquired about the status of the procurement. While this in itself would not have violated the law, he went on to ask certain questions about

the ongoing evaluation that did violate the portion of the law forbidding contractors from soliciting source selection information. Fortunately, the government employee advised that he was prohibited from furnishing the information and abruptly ended the conversation. He reported the matter to the contracting officer, who in turn, acting pursuant to DoD regulations, reported it to the Naval Supply Systems Command. Since no information was divulged, NAVSUP concurred in our recommendation that the procurement be permitted to proceed, and it in fact did proceed without further incident. The contracting officer sent a letter of admonishment to both the consultant and the company involved, but no action was taken beyond that. Although this had the potential to be a very serious situation, the NADC evaluation team member alertly avoided any major problems by declining to provide the requested information.

## Federal Women's Program holds luncheon to honor Women's Equality Day

By Mary Eileen Farrell and Nancy Whitesell

Women's Equality Day commemorates the passage of the 19th Amendment to the Constitution on August 26, 1920 granting women the right to vote.

The Federal Women's Program Committee will celebrate Women's Equality Day on Tuesday, August 20, 1991 with a luncheon at the Blair Mill Inn.

The highlight of the luncheon will be the presentation of the annual Federal Women's Program Award for Excellence to an NADC employee who has made a significant contribution to the enhancement of female employees at the Center and/or in the local community through volunteer work, mentoring, and counseling and has, at the same time, shown excellence in their own career achievements. The accomplishments and activities of each nominee for this award will be displayed on the Solarium Bulletin Board prior to the luncheon.

Councilwoman Joan Specter will be the distinguished guest speaker. Since her election to Philadelphia City Council in 1979, she has emerged as one of

the Council's most active and respected members.

As an at-large member, Councilwoman Specter has focused on a wide range of problems facing the city while maintaining an active commitment to constituent service. In response to the fiscal crisis, she introduced legislation to amend the City Charter, privatize the Gas Works, and protect the city-owned airport from the crisis. In an effort to promote health and welfare of city residents, Specter initiated the CAUSE Task Force to bring the city's hospitals together to better serve the community.

Councilwoman Specter has also maintained a strong interest in promoting the rights of minorities and women. She introduced the first bill to divest the city pension fund from holdings in South Africa, and was the first to introduce hiring goals legislation for minorities and women.

For luncheon tickets or more information, contact Marge Russo, Ext 2660 or Elaine Picard, Ext. 1694. Tickets cost \$11.00 per person and will go on sale 1 August 1991.

## Who they are; What they do

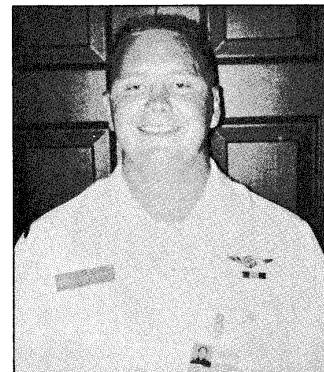
By JO2 Michael DelleDonne

Growing up in a military family and seeing the way the military is run, may or may not determine if that's what you want to do for a living. For Aviation Antisubmarine Warfare Operator Charles Harrison the decision was to join. "My father was in the Air Force, I was always around the military and I wanted to sign up," said Harrison.

The 20-year-old from Dayton, Ohio said the Navy offered him a better opportunity to fly, "I've always wanted to fly" he said. "Ever since I was a kid and we would go on vacation. I love it."

Harrison, who has been in the Navy for more than four years, enjoys service life. "I really like it a lot. You're part of a family that you know will stick by you in good times and bad. You meet a tre-

mendous amount of people and form friendships which will last forever. I'm not sure you would have that in the civilian community."



AWAN Charles Harrison

### Planned your vacation yet?

To help with all of your personal travel arrangements, call SATO Travel, ext. 2729, Mon. thru Fri., 8 AM to 4 PM.



## NADC Mixed Bowling League

By Tom Reiter

Our annual awards banquet was held on June 14th, and as usual everyone danced the night away. In addition to fine wine, food, and music, the following bowlers from both of our Divisions received individual trophies for their highest, season ending accomplishments. We limit one award per person, preventing a back injury to some of our All-Stars by having to carry out an armful of trophies; therefore, names preceded by an asterisk had received a higher award.

Hopefully everyone, except for those diehards who bowl in summer leagues, will store their equipment in the garage or basement, rest their arms, and have a safe, sunny, summer . . . See you all in September!

### High Series with Handicap - B -

*Steve Jerdan	728
Dave Furry	705
*Kathy Sedlock	743
Judy Jerdan	715

### High Single - A -

Bob Helm	245
Joann Coughlin	216

### High Single - B -

*Steve Jerdan	252
*Al Knobloch	248
Jim Campana	242
*Linda Stickney	256
*Kathy Sedlock	247
Sharon Robinson	227

### High Single with Handicap - A -

Bob Gindhart	271
Denise Eck	263

### High Single with Handicap - B -

*Steve Jerdan	278
*Jim Campana	274
*Al Knobloch	265
Jack Horning	264
*Kathy Sedlock	302
*Linda Stickney	286
Andrea Sicher	273

### Most Improved Average - A -

Gary Dunn	+20
Denise Eck	+7

### Most Improved Average - B -

Allen Goldstein	+8
Lorraine Kittner	+3

### League Champions — Steve's Side Show

Steve Jerdan (Captain)  
 Dave Furry  
 Jim Williamson  
 Aaron Burstein  
 Wayne Jerdan  
 Dave Gumkowski  
 Charlene Gumkowski  
 Karen Baker  
 Nancy Donahue  
 Judy Jerdan  
 Jamie Jerdan

### High Average - A Division -

Kevin Ryan	178
Terri Grau	175

### High Average - B -

Al Knobloch	179
Kathy Sedlock	174

### High Series - A -

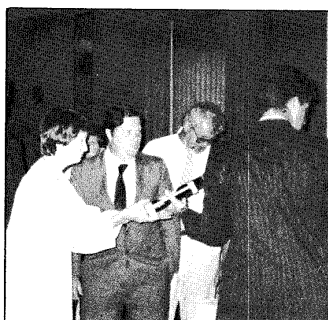
*Kevin Ryan	640
Dick Coughlan	600
*Terri Grau	592
Carla Dragon	560

### High Series - B -

Steve Jerdan	650
*Kathy Sedlock	606
Linda Stickney	592

### High Series with Handicap - A -

Terry Moore	727
Leo Hoffman	727
*Terri Grau	708
*Carla Dragon	698
Barb Fleischut	528



Mixed League Champions, Steve's Side Show, receive their awards from President Jim Campana (right).

## Sandfleas hop to the top

By Jack Eyth

In a season where most of the perennial powerhouses are in the middle of the pack, the constantly improving Sandfleas have taken first place in the Pax River Division. Although their 8-5 record is not overwhelming, it's enough to stay ahead of the new-look Dynatigers at 6-4, the Eighth Inning at 7-5 and the surging Granfalloon at 6-6. It will be interesting to see if the Fleas can hang on to first place and carry this momentum into the playoffs.

In the NADC Division, the Renegades continue to lead with a 13-0 record but the Herassers are having a "Dream Season" of their own at 9-3. The Misfits are more potent than their 8-5 record indicates, especially now that first-string pitcher Ed Swiski is back.

Play-off positions are going to be more difficult to predict this year as a result of changes to the play-off format. Only the first two teams in each Division are guaranteed to make the play-offs. The next four best teams, based on win-loss record, will be selected from either division. It is possible that five teams from one division and only three

teams from the other division could make the play-offs. If the play-offs started today, the Bearcats, Life Supporters, Crush and Phantoms would be eliminated.

Notes from around the league: "Say it ain't so, Steve." One of the founding fathers of the Renegades, Steve Bazow, quit the team after eight years to join the Granfalloon. New 'Falloon coach, Doug Bancroft, says he picked up Bazow because "he needed someone to bring the cooler;" Crush coach, Jim Billy, says his team would have a better record if "Code 40 didn't travel so much." (Maybe the Crush should sign up some players from Public Works); Bill Donovan of the Herassers credits part of his team's success to the pitching of Rick Brodine and the hitting of Dave "Whitey" Whitenack. The infamous 17-17 tie game between the Life Supporters and the Rebels was resumed on 6 June and eventually won by the Life Supporters, 18-17, but the Rebels got revenge in the following game 25-4. Next month: The All-Star Extravaganza and the beginning of the playoffs.



Tuesday Night Mens League Champions: Carl Kizelowicz, Alan Victor, Joe Leonard, Mark Cahall, Karl Geist, Ralph Collins, Buz Braun, and Bill Brown.

## Pressing the Issue

# Lee wins two bench press titles

By JO2 Michael Delledonne

AMH2 Robert Lee continued his impressive performances in bench press competitions as he took first place at Willow Grove Naval Air Station and Gold's Gym.

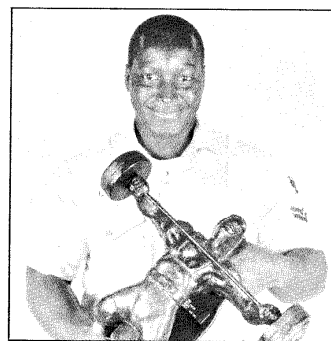
Lee, who won the Willow Grove meet with a lift of 330 pounds, said he felt good and strong. "The competition went really well," he said. "I always go in a little leery because I don't want to get

overconfident because that's when you get beat."

As if Lee's 330 pound press wasn't enough, he won the Gold's Gym meet with a lift of 335 pounds. "That was definitely a pins and needles competition," said Lee. "People came from all over the area including the Poconos just to compete. I wasn't just lifting against the military and the competition was stiff."

Lee said the 335 pound lift was no problem. "It was a little bit of work, but what scares me more is the time limit. The judges give you one minute from the time they call your name until the time you lock out the weight and that's not a lot of time."

Lee will next compete in August at the All-American Drug-Free Weightlifting Contest. "It's a really big meet. Hopefully, I'll place in the top three."



Robert Lee poses with his first place trophy from the Gold's Gym competition.