

# The Air Force RECRUITER

*'Serving the recruiting family'*

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USAF Recruiting Service, Randolph AFB, Texas

October 1983



**Taking the reins**

Commander of Air Training Command, Gen. Andrew P. Iosue and Brig. Gen. Robert L. Rutherford, Recruiting Service commander, exchange salutes as General Rutherford accepts command. Formal

ceremonies were conducted at HRS Sept. 20. General Rutherford was most recently vice commander, Air Force Manpower and Personnel Center. See story on page 4. (U.S. Air Force Photo by Walt Weible)

## **Recruiting saddened at loss of Jim Craig**

Recruiting Service was saddened at the recent death of Col. (ret.) James Craig, special assistant to the director of operations at HRS. Mr. Craig worked closely with Brig. Gen. Duke, Reserve mobilization augmentee to the Recruiting Service commander, scheduling tours and speaking engagements for the general. Mr. Craig served with the Air Force from 1950 until 1983. He was chosen as Air Force Man of the Year of the Reserve Officers Association in 1981. Surviving Mr. Craig is his wife, Beverly; sons, Scott and Steven and his daughter, Mrs. Jayme Cox.

## **Commanders to meet at HRS Oct. 25-29**

The annual Commanders' Conference is set for Oct. 25-29. The executive planning session will address recruiting trends and establish goals and methods for the upcoming year. Brig. Gen. Robert L. Rutherford, Recruiting Service commander, will host the conference of group and squadron commanders and group and squadron superintendents.

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## **Technology campaign appears nation wide**

Technology is now the watchword in Air Force national advertising campaigns. The ads stress the need for prospective applicants to have a solid math and science background to qualify for the advanced training the Air Force offers. The ads are now appearing nation wide in numerous publications.

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## **Engineering careers available in Air Force**

Lt. Col. Guion Bluford Jr. is an example of what one Air Force engineer has accomplished. His recent Space Shuttle mission was well publicized, but what was not publicized was the valuable training he received through the Air Force Institute of Technology. AFIT is a prime source of engineers and scientists for the Air Force and is available for many of the engineers presently in the Air Force.

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## **AF fitness standards undergoing changes**

Physical fitness has come under close scrutiny of Air Force officials recently. Plans have been made to toughen up the requirements for the yearly aerobics testing. Along with cutting the time requirements, sit-ups have been added to the program. Tests are now being conducted at 23 bases throughout the Air Force.

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**AIR**  
**FORCE**  
A great way of life.

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All photos are official Air Force unless otherwise indicated.

Commander .....Brig. Gen. Robert L. Rutherford  
Director of Advertising and Publicity .....Lt. Col. Melvyn D. Cummings  
Chief, Publicity Programs Branch .....Capt. Robert S. Barca  
Editor .....SSgt. Mark Schwarz



## viewpoint

## Commentary



By Brig. Gen. Robert L. Rutherford  
Commander

## Our mission is critical

On the 20th of September, I was extremely proud and pleased to assume command of Recruiting Service. Our mission is unique among commands and absolutely critical to the future of our Air Force. The professionals who are responsible for meeting the demands of our mission on a day-to-day basis are handpicked volunteers. No commander could ask for more!

There are challenges ahead. The economy will turn, and the number of young Americans knocking on our door will decline. I am confident that we can meet these challenges. In fact, I look forward to the opportunity to prove just how good we are.

I'll see you in the field — Good Recruiting!

## Technology, future recruiting go hand-in-hand

By Col. Ben Waller  
Vice Commander

The advances of technology and use of computer systems during the past decade have escalated production, management and time savings to unequalled levels. The fact that all of our uniformed services are adopting these new methods reflects the direction of our society. But what of the future? How will tomorrow's advancements be integrated into our new business of recruiting?

Ultimately, we're shooting for state-of-the-art information gathering systems that can be applied at all levels of recruiting, from the recruiter, to the Military Entrance Processing Station (MEPS), to the headquarters. We'd like to see the recruiter paperwork disappear. I don't know of any recruiter who prefers paper shuffling to prospecting. In the flying business we'd say, "When the paper work weighs the same as the airplane, you're cleared for take off." Valuable manhours are lost in duplication of effort, reaccomplishing paperwork at every level. We're making every effort to turn that around. Unfortunately, progress never moves as fast as we'd like, but I predict that by the year 2000, recruiters will be processing applicants in a paperless environment.

One big step in this direction is the new automated reservation system. This modification to our current job reservation system should help us speed bookings and improve the personal job match.

Over the years, the Procurement Management Information System (PROMIS) has been expanded, modified, and remodeled and there's still plenty of room for improvement.

As we increase our computer codes in the system, we increase our management information capabilities. We increased codes by more than 125 percent in the new automated system and now we know exactly what's happening with each applicant. We now display valuable information in seconds that used to take hours to find.

Another example of what I'd like to see is a computer link to law enforcement agencies. I know this is a big one for recruiters. Time spent on police checks has always been a major irritant but a necessary requirement. Such a computer link would perform applicant checks automatically.

We can also look for other modifications in screening applicants with computers. I foresee the MEPS being able to medically prescreen applicants by having recruiters feed medical information into the computer terminal instead of manually completing

forms. The applicant could be evaluated prior to going to the MEPS with the necessary consults prescheduled.

What about applicants testing on a computer terminal that scores tests on-the-spot and fires the results almost immediately to the MEPS? With terminals in all recruiting offices, the possibilities are endless! Whole case files could be compiled in the computer. Instead of filling out numerous and redundant forms in each case file, data would be entered once and at the touch of a finger create the completed forms automatically.

It may be difficult for recruiters to get excited about tomorrow's progress. But, just think what the people you're bringing in today will be able to do tomorrow. Some of you remember recruiting before PROMIS, the hit and miss system where the telephone was the only means of communication. We've come a long way from RAN cards, grease pencils and the telephone. With progress comes a lot of false starts. Sometimes you may even think there is more work involved with newer systems. Some of us are reluctant to break away from tradition. The whole process is one of streamlining, so you can do the job more efficiently.

— Are best described as the Taxi Squad; they are the one whose contributions may not seem significant at first but really pay off when you need them most.

The easiest and most obvious source of people is the immediate squadron staff, secretary and nurse team who qualify as team members with their daily support, referral and lead generation. Don't forget your logistics, advertising and publicity and operations folks who make each ad effort, COI, contract physical and mailout possible.

A good example of total coverage is your NPS and OTS pros. But there is no better support than to have your commander and squadron superintendent sharing programs with the medical residency directors and specialists.

As the wheels keep turning, add more "spokes" with groups and HRS personnel who coordinate program announcements, boards and results; not to mention support for MEDRAEPS, facility tours, physician applicant travel and training conferences.

Unlike regulated civilian teams, ours has no limit to the number of people we can recruit for support.

Keep going and add wives because of their sharing experiences with applicant spouses and for their individual sacrifices.

Don't forget active and former Air Force members who influence possible applicants every day. Be careful not to overlook some people who might otherwise be easily forgotten.

Some have found other alternative sources. Declinations or non-selects are another avenue to help by referral if the team made their experience positive. For example, we have a dental student in our market, a member in the Navy Early Decision Program, yet he regularly sends his friends to us.

There is really no end to the people you may want on the team because it grows each day with each new lead, school or hospital contact and phone call.

With a team that meets your standards, has the will and desire to win, and is unlimited in size and talent, how can you lose? Like a coach who knows you can't win 'em all, go after each program and goal with your best shot.

## medic's corner

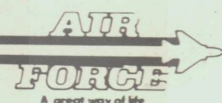
By TSgt. Steve Beecher  
3550th Recruiting Squadron

In health professions' recruiting it's easy to feel outnumbered by constantly changing programs and standards. To overcome these problems, determine who's on your team and ensure maximum effort on your side.

Remember when school teams would be chosen by a team captain who would pick the best players first until no one was left? Today's sports scouts do the same thing to get maximum talent.

Imagine you're the coach of the Health Professions Team. Who's on the team now and who can be added? What are the rules? Who do you want on your team? Simply put, you want people who:

- Want to do their best
- Will make individual sacrifice for the good of the team
- Are consistently professional in learning and presenting the programs and Air Force in general
- Are not defeated by temporary setbacks, programs changes and rejection



## family

Learn to manage anxieties

## Positive stress increases performance level

Life is full of stress. There is the positive and beneficial stress that provides exhilaration, high performance levels and freedom from disease. There is also the negative and damaging distress that has undesirable consequences such as depression, accident proneness and cardiovascular disease.

Air Force members and their families experience stress. In fact, they experience some unique types of stress such as:

**Transfer** — The Air Force member can expect to be transferred every few years. The transfer is a source of stress. While the Air Force member must adjust to a change of duty assignment and a new supervisor, the family also must adjust.

The transition for the family members can be very stressful. It may involve being uprooted from well-established work or school relationships. There may be stress-producing uncertainties or questions about the new location and lifestyle. All face the loss of their individual social support systems of personal friends.

**Remote tours** — Remote tours physically separate the Air Force member from the family. During the period of isolation the member is away from one key source of social support. This creates stress.

The absence of the military member causes stress within the family. The family members no longer have the availability of the military member for the immediate social support. The family members must seek immediate social support from others, particularly Air Force families.

**Promotions** — The Air Force promotion system is demanding. A member is either promoted up or mandatorily released. This creates stress for the member who must be constantly at peak performance. And if the member is not promoted, there is the stress involved with the involuntary separation from the Air Force. This includes developing a new lifestyle.

The family experiences some of this stress. They must help the member stay at this peak of performance. They must be encouraging and supportive during the projects and special assignments that affect the promotion.

**Supervisory styles** — Supervisory styles differ. Some supervisors actually create a stressful working environment. The military member, assigned to a particular supervisor, must adapt to the supervisor's style of leadership. This can be stressful when the supervisor's style causes pressure and tension in the subordinate.

The family may feel the stress if the frustrations of the job are brought home. They may share the pressure and tensions of the job.

**Managing stress** — We should try to effectively manage stress that affects our families. This does not mean to eliminate stress but to achieve a healthy level

Making a smooth transition

## Coleman develops orientation program

WELCOME! You are now an Air Force wife ... That is how Barbara Coleman begins her letter to wives of Air Force recruits who have departed for basic training.

Barbara is the wife of TSgt. Dave Coleman, 3549th Recruiting Squadron, Chillicothe, Mo. After their arrival in December, the Colemans developed the "Spouse Support Program," providing a personal meaning to the term "Air Force Family."

The concept was actually developed by Mrs. Coleman. "As a recruiter's wife I'm active in my husband's work. I'm aware of how little support and information the wife and family of a new recruit has while their husband or wife attends basic training," Mrs. Coleman said. "While some of these wives have family living nearby, many have never been exposed to the military and are alone and scared. Becoming military is the next thing to being sent to live on the moon as far as some of these spouses are concerned.

of stress while preventing the adverse consequences of distress.

A basic stress management program involves three major activities. They are physical fitness, nutrition and weight control, and relaxation.

**Physical stress** — A physically fit person is better able to handle stress than a person who is not physically fit. This includes the people in the family as well as the Air Force member.

Exercise is a key to physical fitness. A balanced exercise program for all members of the family will help to keep everyone physically fit. Exercise prepares the body for stressful situations.

**Nutrition and weight control** — Nutrition provides fuel for the body. This fuel is necessary for the energy needed to handle stressful situations.

Weight control affects how well we handle stress.

The body works hard to carry the burden of excess weight. The energy needed to combat stress is used to carry the excess weight.

A well-balanced diet is a key for weight control and handling stress.

**Relaxation** — Relaxation is another source of strength for combating stress. It is an inactive and passive approach for preparing the body.

Relaxation may include sleep or a short nap that removes the person from the stressful activity. It may include the prayer practices of various religions. It generally involves a quiet environment, comfortable position, and a passive attitude.

—Adapted from "Managing Stress in the Air Force: An Ounce of Prevention"; Air University Review, May-June 83; Dr. James C. Quick, Dr. Coleen Shannon, Dr. Johnathan D. Quick.

## Encouragement builds self-worth

By TSgt. John D. Banusiewicz  
Scott AFB, Ill.

He didn't do anything particularly wonderful in his game that day. His team managed to win despite the mistakes that come with being 11-years-old. But with each shoulder occupied by a parent's loving hand, he



chattered incessantly as the trio made its way to the car. The parents exchanged a smiling glance over his head as the boy added a bit of good-natured embellishment to his description of an ordinary play they had watched him make.

Meanwhile, his teammate—the hero of the day, actually—thanked his neighbors for the ride. His bike was broken and it would have been a long walk home from the field. No hero's welcome awaited him at home, but he had long since become accustomed to that. Outwardly, he believed that because his parents weren't interested in sports they shouldn't be expected to watch him play. But inwardly, he felt pangs of doubt as to whether they were interested in him.

Youth sports have long been regarded as a means of building character and self-esteem in youngsters. But too many parents fail to realize that all the potentially positive aspects of their children's participation will fail to blossom if they don't assume their role in the chain formed by teammates, opponents, coaches, officials and spectators.

Every child who competes in sports is hungry for approval and encouragement. Every sub-group in the youth sports culture can provide for these needs in varying degrees, but a pat on the back from the coach can't—or, at least shouldn't—approach a warm word from a parent as a building block toward positive self-worth.

Certainly, every parent can't be expected to show up at every game. But neither does it seem possible that anyone is too busy to ever take an hour or two to make an appearance at the field.

Maybe you don't like baseball, softball, basketball, football or soccer, but you do like your children.

Don't you? (Courtesy of MAC News Service)





## news

Formal ceremonies conducted Sept. 20

## Brig. Gen. Rutherford assumes RS command

Brig. Gen. Robert L. Rutherford became the 17th commander of Air Force Recruiting Service during formal change of command ceremonies at HRS Sept. 20.

General Rutherford comes to Recruiting Service from the vice commander position at Air Force Manpower and Personnel Center.

Brig. Gen. W.S. Harpe, former RS commander is now assigned as the deputy chief of staff for Technical Training, Air Training Command, Randolph AFB, Texas.

General Rutherford was born in Luling, Texas, and graduated from high school there in 1957. In 1961 he earned a business administration degree from Southwest Texas State University. He also earned honors as a distinguished military graduate of the Air Force Reserve Officers' Training Corp.

As a command pilot, the general logged more than 3,700 flying hours in trainer and fighter aircraft. He began his flying career at Reese AFB, Texas, in 1962, where he served as an instructor pilot until 1966. He was then assigned to George AFB, Calif., for F-4 training. In July 1967 he was transferred to the 8th Tactical Fighter Wing, at that time located at Ubon

Royal Thai AFB, Thailand, as an F-4 pilot. While there he flew 161 combat missions, including 101 over North Vietnam.

Following his Southeast Asia tour of duty, General Rutherford was assigned to Headquarters Air Training Command at Randolph AFB, Texas in April 1968, as an operations staff officer. In Dec. 1970, he attended the Armed Forces Staff College, with a subsequent assignment to Headquarters U.S. Air Force, Washington, D.C., in June 1971, as a personnel staff officer with the Office of the Assistant for Colonel Assignments. In June 1973 he transferred to the Office of the Assistant for General Officer Matters.

The general moved to Moody AFB, Ga., as commander of the 71st Flying Training Squadron, in Jan. 1975. When the base was assigned to Tactical Air Command in June 1976, he became commander of the 339th Tactical Fighter Squadron. Finally, while still at Moody, he commanded the 347th Combat Support Group, from March 1977 to June 1978.

After graduation from the Air War College in June 1979, he was assigned to the 8th Tactical Fighter Wing at Kunsan AB, South Korea, as deputy com-

mander for operations. In June 1980 General Rutherford became vice commander of the 18th Tactical Fighter Wing at Kadena AB, Japan, and took command of the 18th Tactical Fighter Wing there in October 1980.

In September 1982 he assumed the position of vice commander, Manpower and Personnel Center.

General Rutherford's military decorations and awards include the Legion of Merit, Distinguished Flying Cross with two oak leaf clusters, Meritorious Service Medal with two oak leaf clusters and Air Medal with 11 oak leaf clusters.

He was promoted to brigadier general June 1, 1983 with date of rank Oct. 1, 1982.

General Rutherford and his wife Kita have two sons, Jim and Greg.



TOP BADGE - Gen. Andrew P. Iosue, Air Training Command commander, presents the Recruiting Badge to Brig. Gen. Robert L. Rutherford after formal change of command ceremonies. (U.S. Air Force Photo by Walt Weible)



EYES RIGHT - Members of Recruiting Service pass in review as part of change of command ceremonies. (U.S. Air Force Photo by Walt Weible)

## RS Commanders' Conference set for Oct. 25

Air Force Recruiting Service commanders and superintendents throughout the country will meet at Randolph AFB, Texas, Oct. 25-29 in an executive planning session for the upcoming FY 84 recruiting year.

Brig. Gen. Robert L. Rutherford, Recruiting Service commander will host the annual four-day conference. Assigned as Recruiting Service commander since Sept. 20, the general will familiarize himself with many of his top field managers during the week.

Commanders and top enlisted advisors will attend key briefings and workshops to analyze recruiting trends and establish methods and goals for the coming year. Meetings will begin Oct. 26 and final briefings will be conducted Oct. 28.

Several awards will be presented during the conference for individual and organizational accomplishments. Last year's award recipients were TSgt. Dennis Thompson, 3534th Recruiting Squadron, Top Recruiter of the Year; TSgt. Samuel E. Lehman, 3518th Recruiting Squadron, Top Rookie Recruiter and SMSgt. Bobby Jacques, HRS, Top Flight Supervisor for 1982.

In addition to individual honors, numerous organizational awards will be presented. Last year the 3503rd Recruiting Group took top organizational honors with 10 awards in all, three for individuals and seven for the group. The 3505th captured three awards during the conference and the 3506th was presented the Top Nurse Accessions award.

This year's presentations will be made during a banquet Oct. 2 at the Randolph NCO Club. Special guest speaker at the banquet will be Mr. Mike Morrow, executive director of the Association of Texas Profes-

sional Educators (ATPE). Mr. Morrow was named "Master Publicist of the Year" by the San Antonio Advertising Federation and was recognized by the Texas House of Representatives for his work in human relations. He is currently the executive editor of the ATPE News magazine.

Another element of the conference added just last year highlights the current emphasis on physical fitness throughout the Air Force and Air Training Command specifically.

## False vouchers net hard time

By Lt. Gen. James W. Stansberry  
commander, Electronic Systems Division  
Hanscom AFB, Mass.

One-year confinement at hard labor, total forfeiture of pay, and dismissal from the Air Force, including loss of all retirement benefits.

A tough rap — the guy must have sold drugs or tried to murder someone, right?

No, he falsified travel vouchers. He was a senior officer in Air Force Systems Command and he stole more than \$30,000 from the United States in false travel expenses.

And he got caught.

Fraud may not seem as bad as violent crimes, but that doesn't make Fort Leavenworth any more enjoyable if you are convicted. The pay is just as gone, the embarrassment just as bad, the years of service just as wasted.

Fraud isn't a victimless crime. It has plenty of victims — every American taxpayer. Travel funds come out of their pockets. When they mail those checks each spring, they trust their money to our care. It we

Each of the five groups will sponsor a nine-member relay team to compete against the clock and several teams from HRS. Last year HRS took three of the top four positions in the 2.2 mile relay.

The conference will conclude Oct. 28 with an executive session between General Rutherford and commanders of groups and squadrons, followed by a meeting of group commanders. Group and squadron superintendents will also meet during the last day.

let them down, it makes us look bad, and it makes the entire federal government look bad.

Scare tactics offend some people, mostly people who wouldn't think of cheating the Air Force and are insulted that someone might suggest it. It's true that very few Air Force members would consider travel fraud. But it only takes one to make us all look bad.

If warnings can make that one person think twice about falsifying a travel voucher, it's worth it.

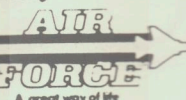
The next line of defense is supervisors. They authorize the travel and they can disapprove expenses that seem excessive or fraudulent.

If horror stories and supervisors can't stop fraud, the Air Force Office of Special Investigations will, with the help of observant accounting and finance people. Neither of those groups is stupid. They catch people cheating quite often.

Don't be afraid to ask the Air Force for any reimbursement to which you are entitled. You'll never be prosecuted for honest mistakes, either.

You'll know if you cross the line. And now you know what can happen if you do.

(Courtesy of TIG Brief)



## AF news

## Zero overpricing

## Secretary Orr cites programs to reduce cost

Stressing existing programs such as Zero Overpricing and developing new programs to stimulate competitive bidding, the Air Force is working hard to cut excessive supply costs.

Secretary of the Air Force Vern Orr made that point clear during a press conference at Lincoln, Neb., Sept. 22. The secretary stopped at Lincoln following a visit to Hill AFB, Utah, where he compared ideas on how to half overpricing with Gen. James P. Mullins, commander of Air Force Logistics Command.

While voicing a strong personal belief that the majority of American businesses are charging a fair price for a well-made product, the secretary assured newsmen that the Air Force is dedicated to ferreting out those businesses involved in overpricing.

Secretary Orr cited the four-year-old Zero Overpricing program as one way the Air Force is attacking excessive costs. The Zero Overpricing Program provides a forum for the people who draw items out of supply to directly challenge suspected cases of overpricing and possibly earn themselves a cash reward.

As an example of how Zero Overpricing works, Secretary Orr noted a recent challenge made at Tinker AFB, Okla.

SSgt. Charles R. Kessler Jr., who works in the 552nd Aircraft Generation Squadron support branch, doubted that a plastic end-cap for a navigator's stool should cost the listed price of more than \$1,100 each. Because of his challenge, the Air Force discovered that the part should actually cost less than \$10 each.

The challenge helped the Air Force save about \$15,000 annually. Sergeant Kessler received a \$1,166 award from the Air Force Suggestion Program.

Secretary Orr said increasing competitive bidding on Defense contracts is another way to halt overpricing. He noted that the Air Force is working to make

it easy for businesses to bid on military contracts.

"Another thing the Air Force is doing is trying to get a great deal more competition," he said. "We have placed examples of things we want to buy to improved Bid rooms... and have a van filled with parts that we take to different conventions."

The secretary said the idea is to let as many potential bidders as possible see the products the Air Force needs to buy in hopes that they will say: "My company can build something like that — let me bid on it."

People programs were also listed as an Air Force priority issue by the secretary. He said that while pay is, at present, relatively comparable to the civilian

sector, the military lags behind in certain allowances.

"Pay has been roughly comparable (in 1983) but some of our allowances are inadequate," he said. "I've been to many bases overseas where some of our people are forced to live in (housing) conditions that I think almost no one in Lincoln would want to live."

Secretary Orr said travel allowances also needed to be increased. He noted that it costs a sergeant about \$1,200 out of his or her own pocket to make a cross-country permanent change of station move. "We still pay a military person 13 cents per mile to drive a car across country on a move we insist on. When I was in private business in 1963, my company paid its people 13 cents per mile. That was 20 years ago," the secretary said.



## Special B-1B task force activated at Dyess AFB

Plans to base the first squadron of B-1B bombers in Texas moved forward Aug. 1 with the activation of a special task force at Dyess AFB.

The 96th Bombardment Wing at Dyess will receive its first B-1B bomber in mid-1985. To pave the way for the bomber's arrival, the Air Force activated the Dyess site activation task force, officially labeled Aeronautical Systems Division Detachment 16.

Commanded by Col. Morton A. Langholtz, the task force will include personnel from Air Force Systems Command, SAC, Air Force Logistics Command, Air Training Command and the Defense Contract Administration Service.

The task force is responsible for managing the start up of B-1B activities at Dyess. The group will coordinate the arrival of B-1B aircraft with the delivery of support resources such as ground equipment, spare parts, technical data and training materials. Manage-

ment and control of contractor installation, monitoring of contractor support plans and related construction projects are also the responsibility of the task force.

The task force is already at work reviewing



maintenance facilities and training areas for the new bomber. The 96th BMW will receive 16 B-1Bs and another 10 will be stationed at Dyess for the use by the SAC Combat Crew Training Squadron.

The first squadron of B-1Bs is expected to reach operational capability at Dyess in late 1986. The first B-1B is currently under construction at Palmdale, Calif.

The B-1B System Program Office, directed by Maj. Gen. William E. Thurman, serves as the primary contractor for the new long-range strategic bomber. Rockwell International (airframe and integration), Boeing Military Airplane Co. (offensive avionics), Eaton Corporation's AIL Division (defensive avionics), and General Electric (engines) are associate contractors. In addition, more than 5,200 subcontractors and suppliers in 48 states are involved in the production of the B-1B. (SACNS)

## Bombing, navigation competition in final phase

Strategic Air Command's "best" aircrews go head-to-head this fall as the 1983 SAC Bombing and Navigation Competition enters its final phase.

The final phase, scheduled for Oct. 23 through Oct. 30, matches the victors of the competition's seven-month selection phase in a test of bombing and navigation proficiency.

According to Capt. John C. Linn, Headquarters SAC project officer for the competition, nearly all of SAC's bomber and tanker wings will enter two bomber and tanker teams. In addition, two tanker teams will participate in the competition from each of 14 separate tanker wings or groups, including four Air National Guard and three Air Force Reserve units. In addition, two F-111 teams from the 27th Tactical Fighter Wing, Cannon AFB, N.M., will compete in the final phase.

The annual bombing and navigation competition is designed to test the proficiency and readiness of strategic forces and to improve operating procedures and techniques. During the competition, teams are rated on precision navigation, high and low-level bombing and defensive capability.

Part of the competition pits fighter-interceptors against bombers in electronically scored attacks. The fighters are supplied by Air Defense Tactical Air Command under the operational control of the North American Aerospace Defense Command.

Bomber and tanker crews are scheduled to fly day and night missions over specific training routes. Captain Linn said that all competition missions will be flown from each unit's home base as part of normal combat crew training. He pointed out that none of the participating aircraft will be carrying munitions.

All scoring will be tabulated electronically.

The "brass ring" competition teams will be trying to snare is the coveted Fairchild Trophy. The trophy goes to the SAC wing achieving the highest overall competition effectiveness rating.

The 509th Bombardment Wing, Pease AFB, N.H., last year's winner, will be shooting for its fourth Fairchild Trophy in five years. Only one other wing, the 380th BMW, Plattsburgh AFB, N.Y., has captured four Fairchild Trophies. The two FB-111 wings have combined to win eight of the last nine competitions.

All B-52, FB-111, KC-135, KC-10 and F-111 crews participating in the final phase of competition are scheduled to attend a symposium at Barksdale AFB, La., Nov. 8 through 10. The official results of the bombing and navigation will be announced during the symposium. (SACNS)





## Keeping Pace

### Can educational system meet needs of future?

Lt. Col. David C. Kraus  
HQ AFRS, Randolph AFB, Texas

The young man, first in his family to leave the farm to attend college, had returned home and was greeted by proud relatives and friends.

"Say something you learned in college, Leroy," his father urged.

The boy thought a moment, then said. "Pi R squared."

His father, embarrassed, cried, "What kinda stuff they teachin' you? Everybody knows pie are round. Cornbread are square!"

It's an old joke, but the younger generations of Americans might not understand it because:

- only 50 percent of U.S. students take math beyond the 10th grade.
- fewer than 10 percent study physics in school.
- there are critical shortages of math and science teachers in 40 states.
- math SAT scores dropped 36 points between 1963 and 1980.
- 50 percent of the nation's math teachers are unqualified or temporarily certified.
- 40 states report shortages in chemistry teachers.
- only 33 percent of high schools offer math courses adequate to prepare students for college engineering courses.

Secretary of the Air Force Verne Orr recently expressed concern over the educational trend away from math and the sciences.

"As technology leaps ahead, the requirement for a scientifically literate citizenry, able to master . . . the new technologies, grows ever more important," he wrote in the January 1983 issue of Air Force Magazine. "Indeed, our nation's very technological advantage in defense and the future ability of our economy to compete in world markets may eventually be at stake."

Secretary Orr's concern is not unique; there has been a recent wave of public criticism of the nation's public education system. A strongly worded report by the National Commission on Excellence in Education, released in April 1983, stated, "We have, in effect, been committing an act of unthinking, unilateral educational disarmament." The report paints a dismal if not hopeless picture of our schools.

As expected, the ominous diagnosis of our educational ills has evoked numerous prescriptions for a cure — from the federal level down. Suggested remedies include longer school days and years; minimum national standards for high school graduates in math, science, and foreign languages; tougher college entrance requirements; and increased teacher pay, coupled with a system to weed out inferior teachers.

The nation's ability to maintain a strong national defense and military readiness is at stake. The Department of Defense is one of the nation's largest employers of technically qualified people. More than 70 percent of Air Force enlisted specialties require technical background. If the wellspring of capable high school graduates dries up, defense capabilities will be weakened.

But it isn't just the military community that bears the brunt of technical illiteracy. The heavy industries of steel, automobiles, and shipbuilding are rapidly implementing technologies that include fiber optics, lasers, and genetic engineering. Shortly, there won't be a niche in our economy for those who don't comprehend "tech speak." To paraphrase the natural selection precept, "Only the smart will survive."

Additional statistical indicators of changes in the U.S. economy over the past two decades are equally distressing:

- 40 percent of U.S. patents in 1980 went to foreign nations, up from only 5 percent in 1970.
- from 1960 to 1980 the share of foreign controlled consumer electronics market skyrocketed from 6 percent to 51 percent.
- the foreign market position for metal working

machine tools grew from 3 percent to 28 percent.

In short, the military and economic danger signs clouding America's horizon as a result of the national educational shortfall pose serious concerns for Air Force leadership.

Earlier this year, at Secretary Orr's urging, the Air Training Command was asked to spearhead an Air Force awareness program to emphasize the problem to both students and adults. The Air Force Recruiting Service was tasked to coordinate the effort because of its already close association with America's youth.

As a result, Recruiting Service has adopted a new "stay in school and take the tough courses" theme that will appear this fall in selected Air Force recruiting advertisements. Using a variety of publications and a low-key recruiting approach, the ads will target educators, parents, and students. Also in production — and scheduled for October release — are two new public service television announcements stressing the same theme. In one, Gil Gerard, better known to young audiences as television's "Buck Rogers," is the spokesman.

Many other initiatives are under way or in advanced conceptual stages. They are part of "Technology 2000," a program conducted from the Recruiting Service headquarters in San Antonio. Part of the project is to identify activities for Air Force involvement. Technology 2000 has three major goals:

- establish awareness among Air Force members and families of educational challenges to the future Air Force.
- expand private sector understanding of educational trends, technological evolution, and future needs.
- demonstrate Air Force commitment to partnership with industry, government, and academia to address mutual scientific and technological needs.

A variety of materials — a fact folder, speech insert, and a slide/tape briefing — will be produced and distributed Air Force wide. Air Force officers and NCOs will be encouraged to deliver the high tech educational message to audiences across the country. Senior Air Force leaders are hopeful that local programs similar to ESC's Pre-TOP can be effective in reaching and convincing young people that technical education is vitally important to them and the nation. As part of Technology 2000, the search for other grass-roots communication channels will heighten over the next several years.

Secretary Orr stressed the need for Air Force involvement to help resolve the educational dilemma. "The Air Force has an obligation both to itself and to the nation to do all that we can to assist efforts to improve the scientific and technical literacy of our people. The long-term future of our Air Force and the national well-being depend upon it," he added.



**Now. For the future.**

Technology is moving faster than science fiction. And, it's more exciting. But to be part of it — to make it work — we have to learn. We have to grow.

The Air Force has thousands of fascinating opportunities. Many in technologies still being developed. But, young Americans will be left out if they're not prepared.

It takes training to use technology. The Air Force offers such training. But only to those who can handle it. Those who have taken advanced courses in math and science.

We've got a choice. America's youth can watch technological developments being made. Or they can help make them. Encourage our children to AIM HIGH. To tackle the tough courses. Then they'll be equipped to tackle the future.

America and the Air Force of tomorrow are depending on them.

**AIR FORCE**  
A great way of life.

Air Force ad appearing nation wide emphasizes education

**AIR FORCE**  
A great way of life.

# AIR FORCE ENGINEERING

## The threshold of new technology







## Excellent salary, employment packages

# Successful engineering careers begin here

If you get excited about the challenge of fast-paced modern technology, then today's Air Force is for you!

The United States Air Force is acknowledged as a leader in aeronautical, astronautical and aerospace engineering. In order to maintain excellence, in these and other fields, the Air Force needs talented young people with high standards to move us into the next century.

Air Force engineering careers cover the entire spectrum of the field. Engineers are needed for research, development, basic design, modification, testing, operations and program management.

Air Force engineers are involved in high-dollar, high-priority programs, putting their theories into practice early in their careers.

"I originally joined the Air Force to become a pilot," says flight test engineer, 2nd. Lt. Christopher Remillard, an AE graduate of Cincinnati University. The lieutenant opted to work on high visibility programs ranging from the space shuttle to various

orbital satellite launches. His job has taken him to Hawaii, Guam, Tahiti and the Kennedy Space Center.

2nd. Lt. Clay Zapata, a graduate from Illinois Institute of Technology also travels to different parts of the country performing flight tests. "As an Air Force engineer I have the chance to implement and manage highly technical projects with their unique problems," the lieutenant said.

Penn State grad, 2nd. Lt. Bob Waggoner agreed, "As a flight test engineer there is a great opportunity to work on many challenging projects. The Air Force offers engineers the chance to develop technically and professionally, keeping abreast of what is taking place in technological advancements.

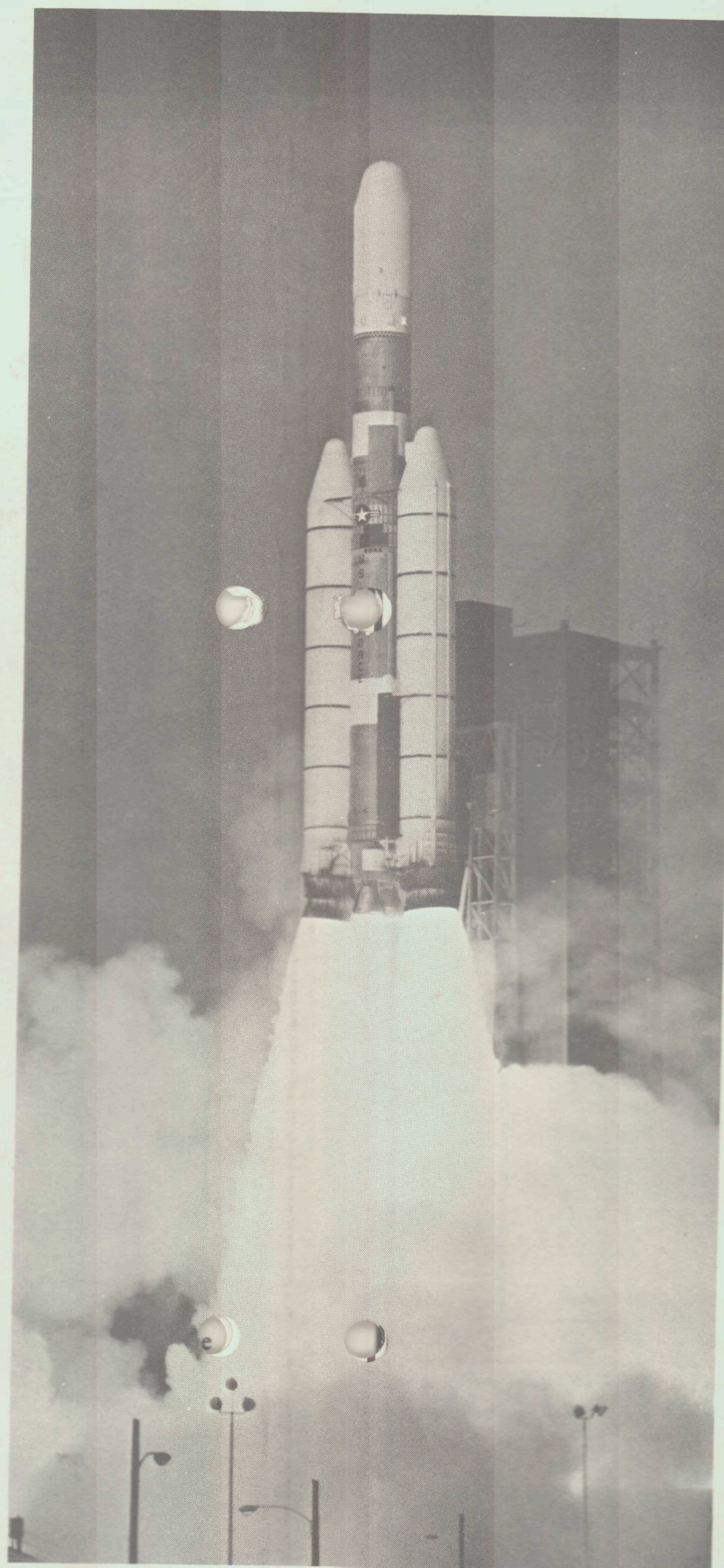
Lieutenant Waggoner joined the Air Force after high school and worked in avionics maintenance until he decided to try civilian life four years later. "I worked at several different jobs. None provided the job satisfaction of the Air Force. I went back to school, and after graduating returned to the Air Force. Now I have the challenges and opportunities

for professional and educational advancement I didn't get as a civilian," he explained.

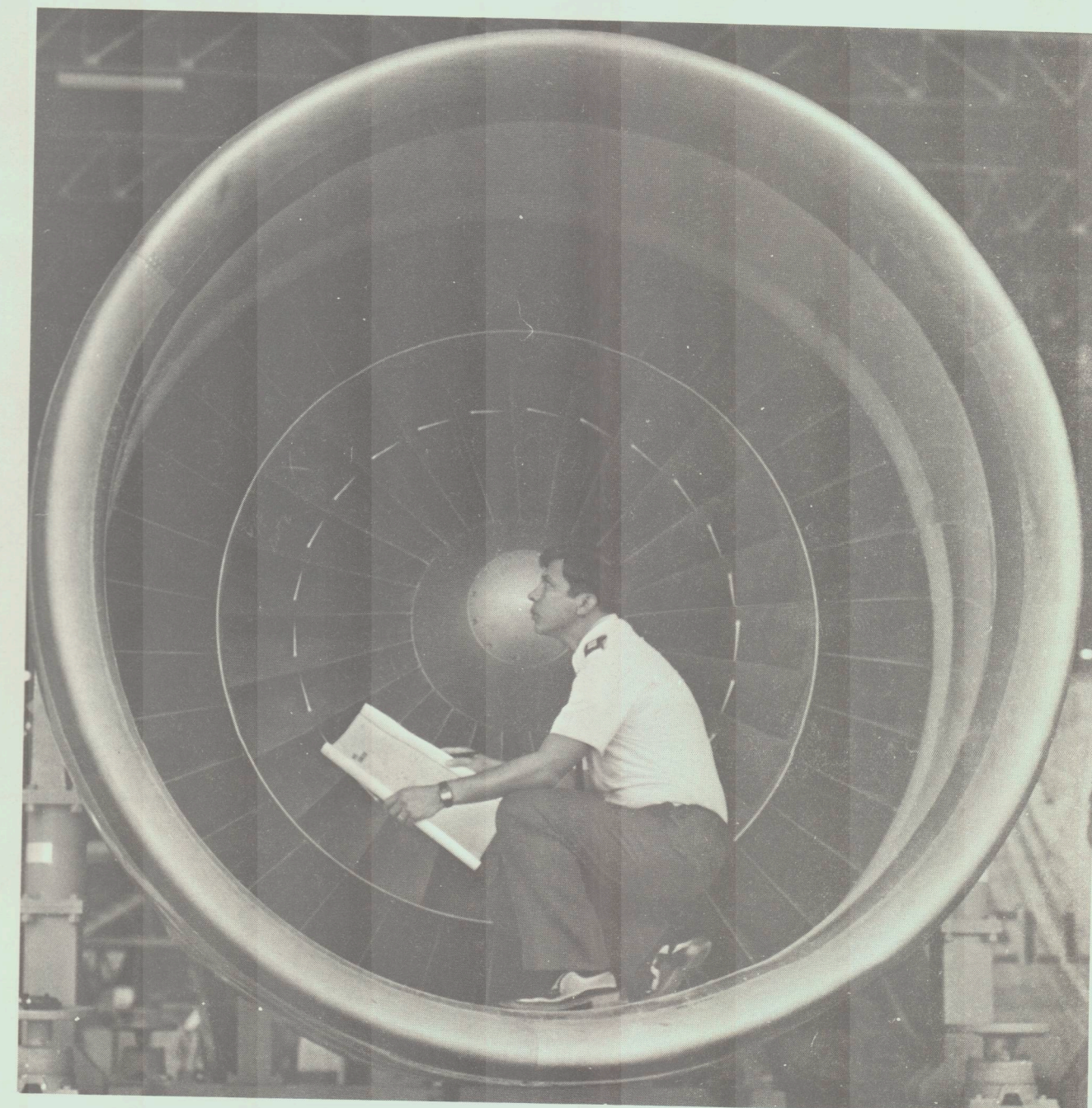
The Air Force offers its talented young men and women one of the finest salary and employment packages in the nation, including comprehensive medical care for themselves and their families; valuable on-the-job experience with sophisticated equipment; a challenge geared to fast-paced technology; an opportunity to work with leaders in various fields of technology; first-class facilities and interesting work.

Graduate education opportunities are excellent. The Air Force Institute of Technology selects about 700 engineering officers annually to complete their masters and doctorates in various engineering disciplines. If selected, Air Force engineers draw full pay and allowances while completing advanced degree requirements.

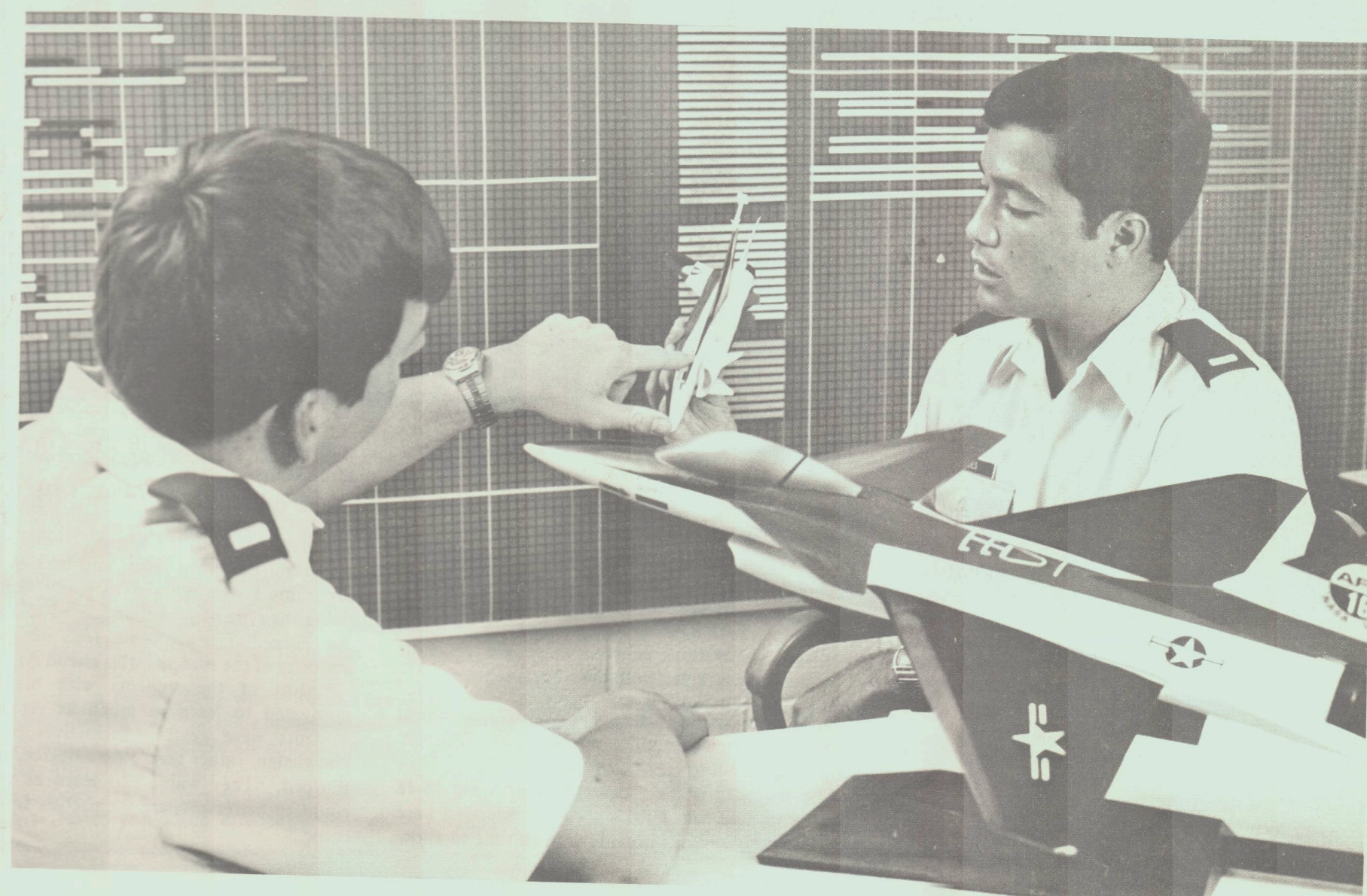
Let the Air Force help you lay a solid foundation of experience for a successful engineering career. Find out what tomorrow's Air Force can do for you today!



(U.S. Air Force photo)



**U. S. Air Force photos  
by  
MSgt. Buster Kellum**







## Air Force training pays off

By SSgt. Rey T. Adame  
AFIT Public Affairs  
Wright-Patterson AFB, Ohio

When Lt. Col. Guion S. Bluford Jr., strapped himself into his seat on board the Space Shuttle Challenger, he took more than his equipment with him.

He took an abundance of aerospace engineering education, thanks to the Air Force Institute of Technology.

AFIT is the only Air Force graduate technical school. "AFIT is the foremost technical institute of the foremost Air Force in the world," said Brig. Gen. James T. Callaghan, AFIT commandant.

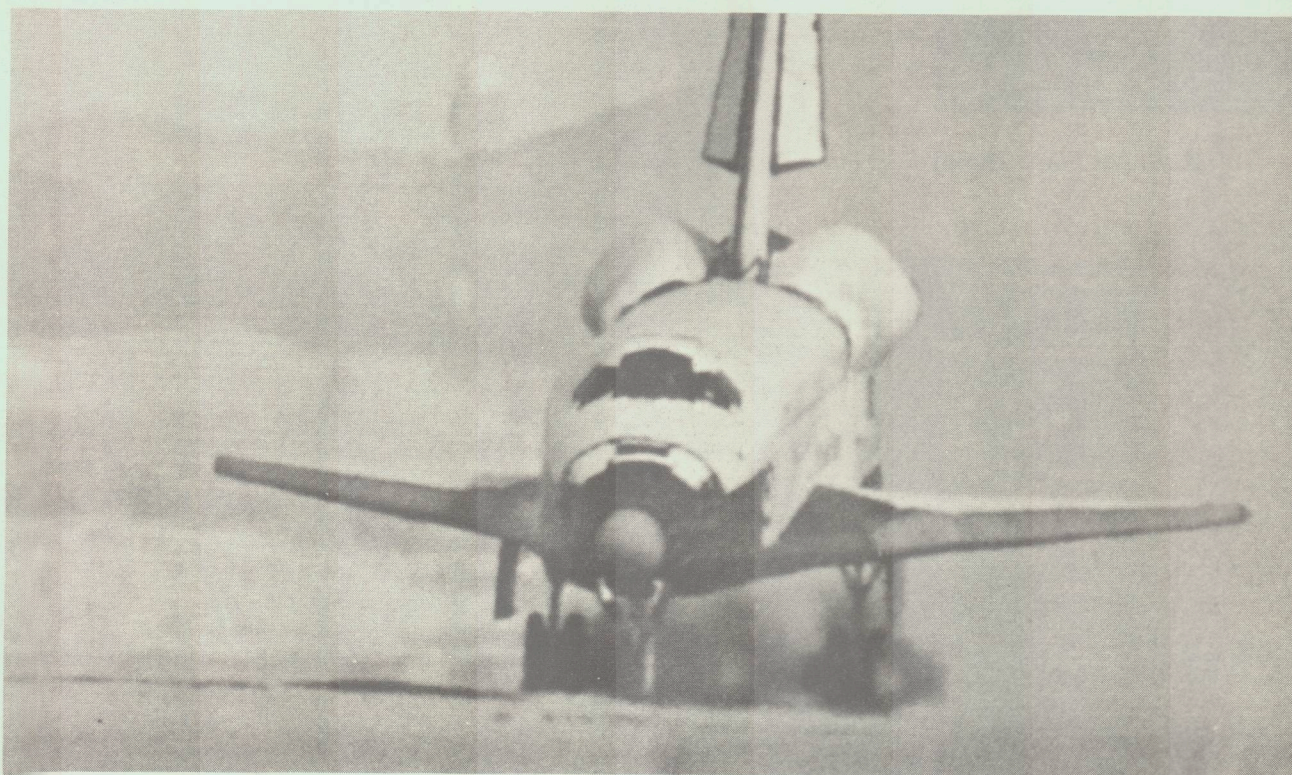
The institute has provided NASA with 20 percent (25) of its astronauts since the space program began three decades ago. The school has provided the Defense Department, as well as the nation, with nearly 250,000 graduates since its doors opened 64 years ago. AFIT is located at Wright-Patterson AFB, near Dayton, Ohio.

Bluford is a two-time AFIT graduate. He began his military career after completing his bachelor of science degree from Penn State University in 1964. Ten years later, Bluford earned his master's of science degree from AFIT in residence, graduating with honors.

The engineer turned astronaut attended AFIT again, this time to earn his doctoral degree of engineering philosophy, with a minor in laser physics in 1978. Through it all, he maintained an impressive 3.96 grade point average. "AFIT provided me with a solid foundation for going through the training at NASA," said Colonel Bluford.

"I applied the engineering and scientific education gained at AFIT in learning about the payloads and how they are used," said the 39-year-old Philadelphian.

"My AFIT education gave me the background necessary to interface with the aircraft and payload people," he continued. Throughout its existence,



AFIT has delivered what the Air Force needed as far as engineering and scientific oriented graduates are concerned. The institute constantly modifies its curriculum to meet the changes in technology.

"AFIT is a prime source of engineers and scientists for the Air Force. The Air Force needs these people. The service works closely with the contractors as well as the users, with a lot of highly technical equipment involved. The institute educates its people to handle the equipment and deal with the contractors.

"The school is very effective in preparing technical people to do their prescribed work in the Air Force," said Colonel Bluford.

The majority of the degree programs are 15-18 months in duration. Critics of the accelerated pace say the school doesn't provide enough time to allow

students to learn what they need to know. Colonel Bluford disagrees.

"From my own experience, I feel that I learned quite a bit from AFIT. I applied much of the knowledge at both the Flight Dynamics Laboratory at Wright-Patterson AFB, and here at NASA. The programs I was exposed to really were fruitful in doing the type of jobs that needed to be done in the Air Force." The astronaut feels he speaks for the majority of the students who attend AFIT.

"Most of the students with me were highly motivated to learn as much as possible... the students were gearing themselves to gain more knowledge, rather than just a degree," said Colonel Bluford. "They wanted to learn as much as they could to better prepare themselves for what has to come."

## news

# AF image 'shaping up' under new requirements

Three Air Training Command bases are helping test a new physical fitness program targeted at "shaping up" the image of Air Force people.

Goodfellow AFB, Texas; Reese AFB, Texas; and Sheppard AFB, Texas are among 23 Air Force bases testing the proposed Enhanced Physical Fitness Program within the next two months.

According to Capt. Larry Jester, Air Training Command Fitness Monitor, between 35 and 265 people will be tested at the three bases, depending upon base population.

Spurred by Presidential interest in the fitness of the military, the Enhanced Physical Fitness Program is designed to more accurately reflect the physical condition of our people than does the current aerobics test.

The proposed program will add a pre-evaluation medical screening, warm-up exercises and timed sit-ups to the traditional 1.5-mile run. One of the current methods of testing, the three-mile walk, will be deleted from the new program as a test of fitness.

The new, tougher standards for the Enhanced Physical Fitness Program are based on sex and age. The proposed standards, devised by the Air Force's

Special Office on Fitness at the Air Force Manpower and Personnel Center, Randolph AFB, Texas, are based on data developed through independent scientific research.

Performances in each of the two proposed evaluation areas (running and sit-ups) will be graded on a scale of two through five, with category five being the best possible score, said Air Force Office of Fitness officials. Categories four and five significantly exceed the proposed minimum Air Force standards. Category three meets the standard. Anything below category three fails. People scoring in the four or five level on both evaluations will retest annually. Those earning a category three score will test semi-annually. A category two score will require quarterly retesting.

Air Force officials noted that an individual's overall rating will be the lower of the two evaluation scores. For example, someone racing to a category five finish in the 1.5 mile run, but recording only a category three score in the 60-second sit-up evaluation, would receive an overall rating of three and would be required to retest in six months.

That doesn't mean people will have to be as fit as a rookie in a National Football League training camp,

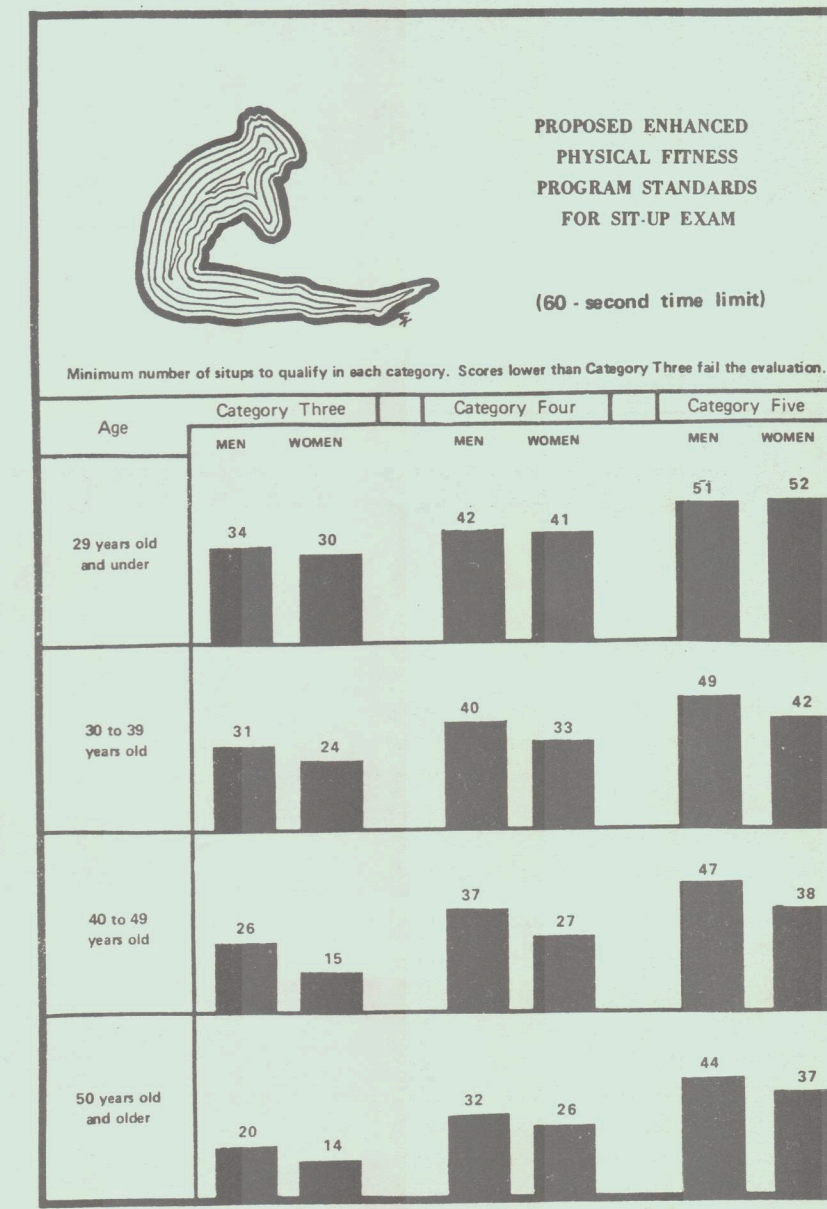
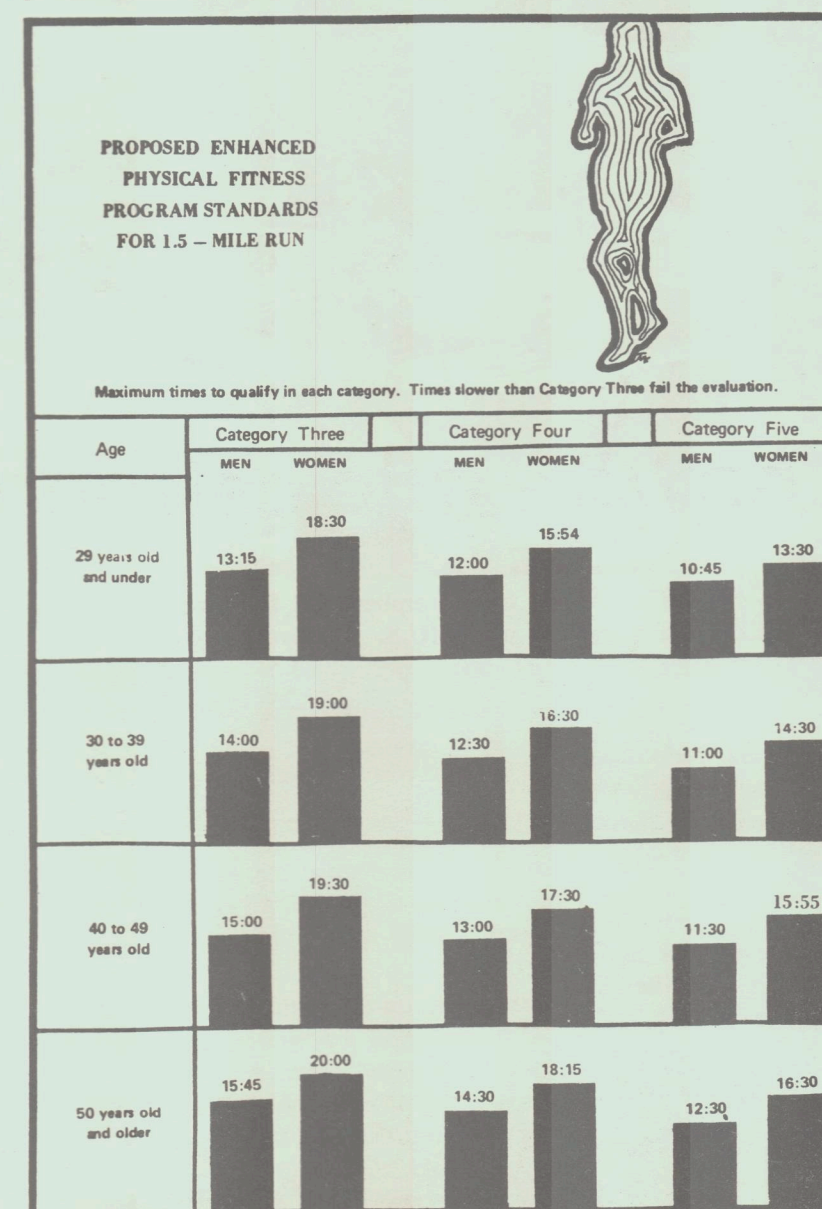
but it does mean that people will need to remain active in some sort of recreational sport, such as tennis, jogging, softball, swimming, basketball, racquetball, etc.

Although the primary responsibility for conditioning remains with the individual as an off-duty obligation, the Air Force plans to provide help in developing conditioning programs through base gym staffs and informational pamphlets. In addition, commanders will be encouraged to allow people to participate in fitness programs during their normal duty hours.

The proposed program will include alternate tests for those medically unable to participate in the running test. Alternate tests include riding a stationary bicycle (ergometer) and, where available, swimming. As stated earlier, the program will eliminate the current options of the three-mile walk and running in place.

Capt. Bobbi Butler, chief of the Air Force Special Office on Fitness, said results of the 23-base test will be reviewed this fall. If the tests go as expected, the Air Force plans to implement the program worldwide in early fiscal year 1984.

(SACNS)



## Proper warm up essential to fitness program

No one should disagree about the need to warm-up before exercise. Everyone knows that a proper warm-up makes the body more flexible, strong, alert, and therefore less susceptible to injury.

Unfortunately, few people know why a warm-up does these things and many people don't know how to design an effective warm-up routine.

Why warm up? One reason is to raise body temperature. Heat is a byproduct of food being used for energy. It is carried to the tissues via the bloodstream. Heat expands muscles, making them flexible and resilient.

Try stretching in the morning when muscles are relatively cold; then perform the same movements after taking a warm shower. People are able to stretch much further after their limbs are heated.

Heated muscles are also more alert. Nerve impulses travel faster and more efficiently through

warm tissues. The tissues respond quicker.

A warm-up stimulates the body to increase respiration and circulation. The heart and lungs supply nutrients, like oxygen, and rid the body of waste products, like carbon dioxide. To meet the demands of sports, these organs must be prepared gradually.

Warm-ups make people psychologically ready for exercise. When they finish a warm-up routine they achieve a goal. This success establishes a positive frame of mind, which enables them to concentrate better.

Warming up requires active muscular contraction. Many people think of stretching as a warm-up. Stretching exercises only lengthen and relax the muscles; they don't produce much body heat.

Stretch before warming up or after the workout. The best exercises to perform are light, strength-building movements, like calisthenics.

Since the number of freehand movements available is endless, determine which muscle groups need to be warmed up and then choose the exercises accordingly. For example, to activate the shoulders, do push-ups, arm circles or jumping jacks. Naturally, don't perform any movements that hurt or are uncomfortable.

To allow the respiratory and cardiovascular systems to adjust gradually, start the routine with easy isolation movements, like ankle circles. Follow these with vigorous compound movements, like squat thrusts.

Where people warm up is important. There should be enough space to lie down without hitting anything, especially anything that hits back. Ideally, the area should be warm and the floor cushioned.

(Courtesy of LOGNEWS)



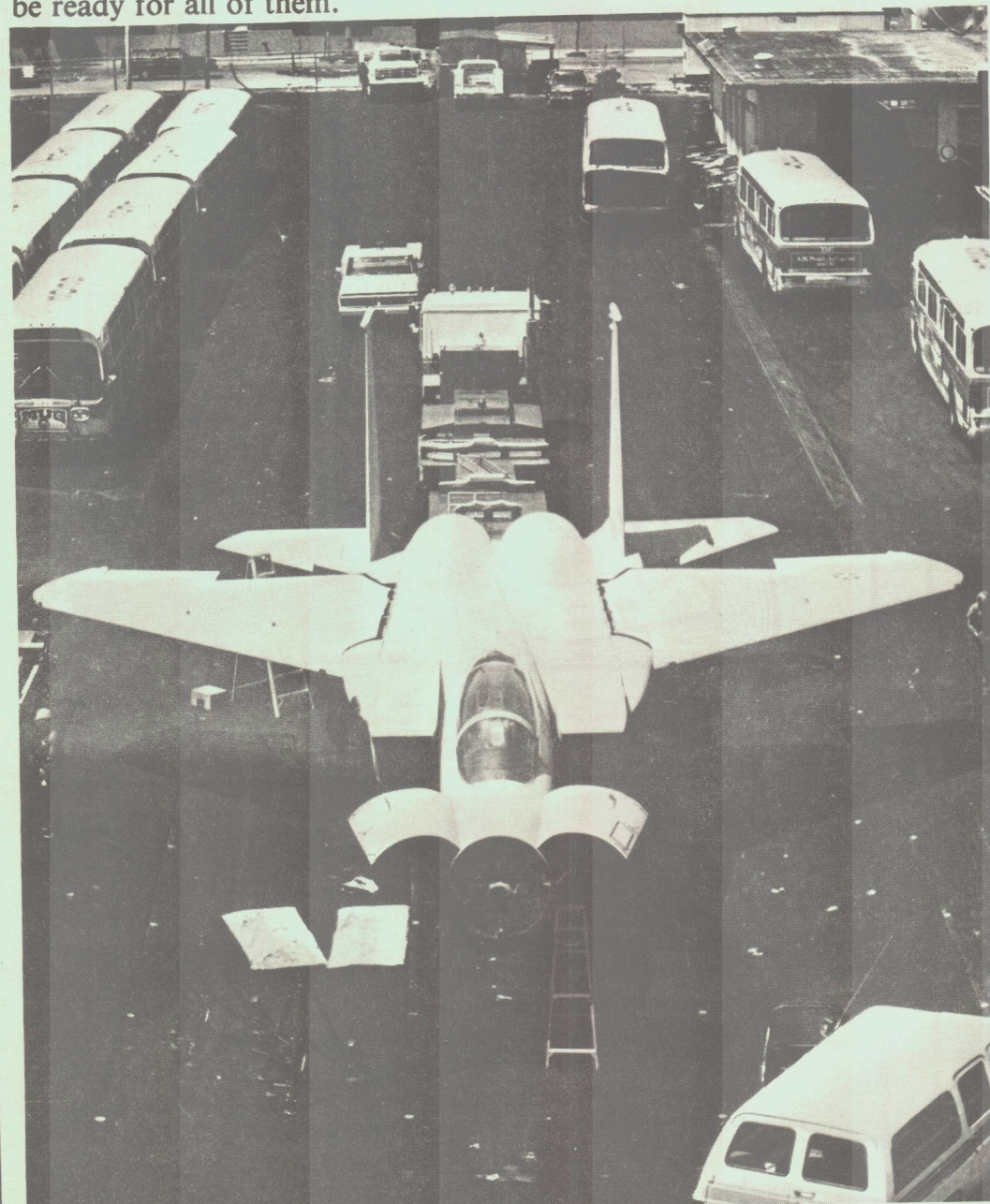
## feature

## Fishermans Wharf excitement

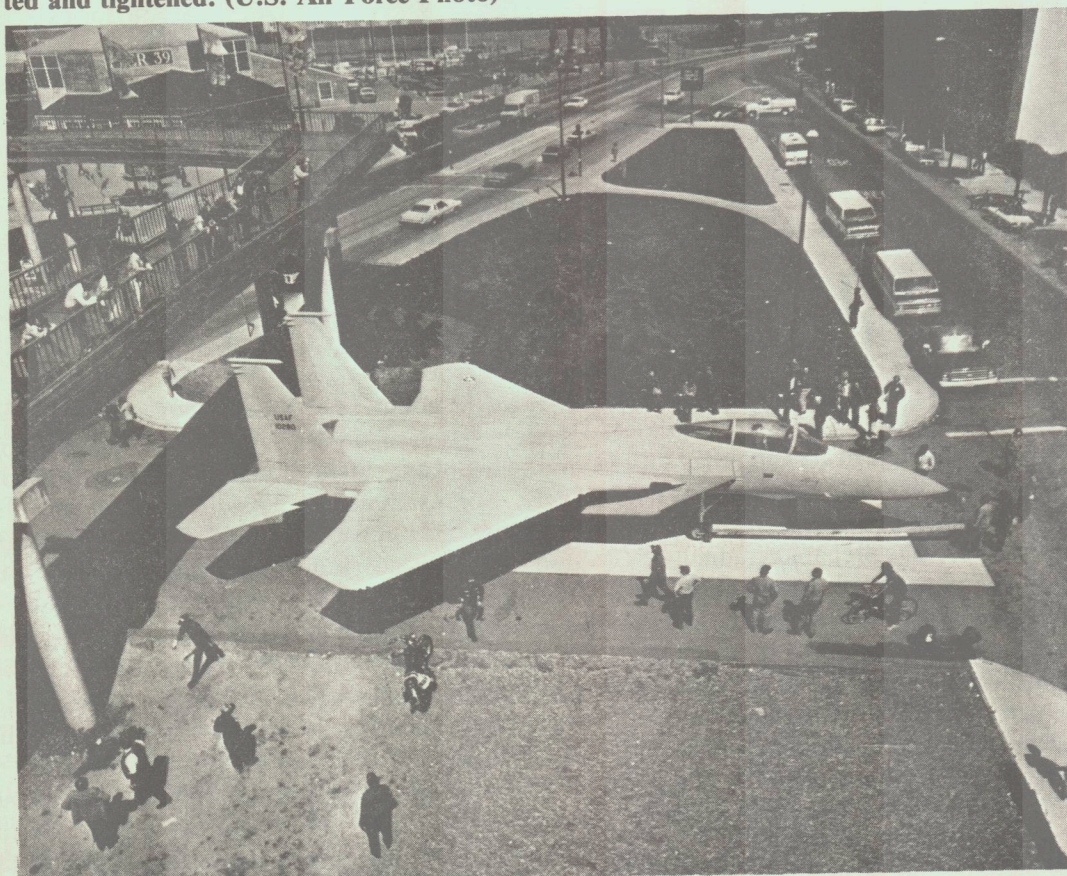
It's hard to say where AFOG exhibits will turn up. The Orientation Group recently surprised visitors at Fishermans Wharf in San Francisco when they set up a full size F-15 exhibit on the walkway.

1st Lt. Ronald Hahn, 3566th Recruiting Squadron, advertising and publicity officer said, "It's important to bring the Air Force out into the community and give the public a glimpse of what we are all about." It was estimated that 100,000 people stopped at the display to talk with recruiters and the AFOG team. SSgt. Charles Rice of the San Francisco recruiting office said the response was overwhelmingly positive.

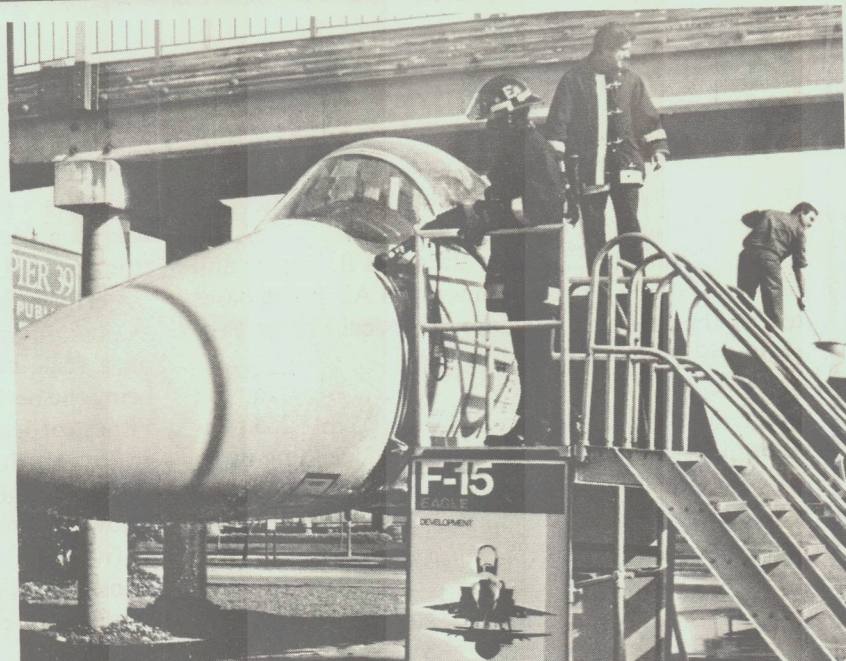
SSgt. Stanley Jacks, AFOG crew member said, "We learn alot about the display aircraft - its systems and capability - because you never know what someone will ask. One person will ask if taking photos is all right and the next will ask the fuel capacity of the wing tanks. You've got to be ready for all of them."



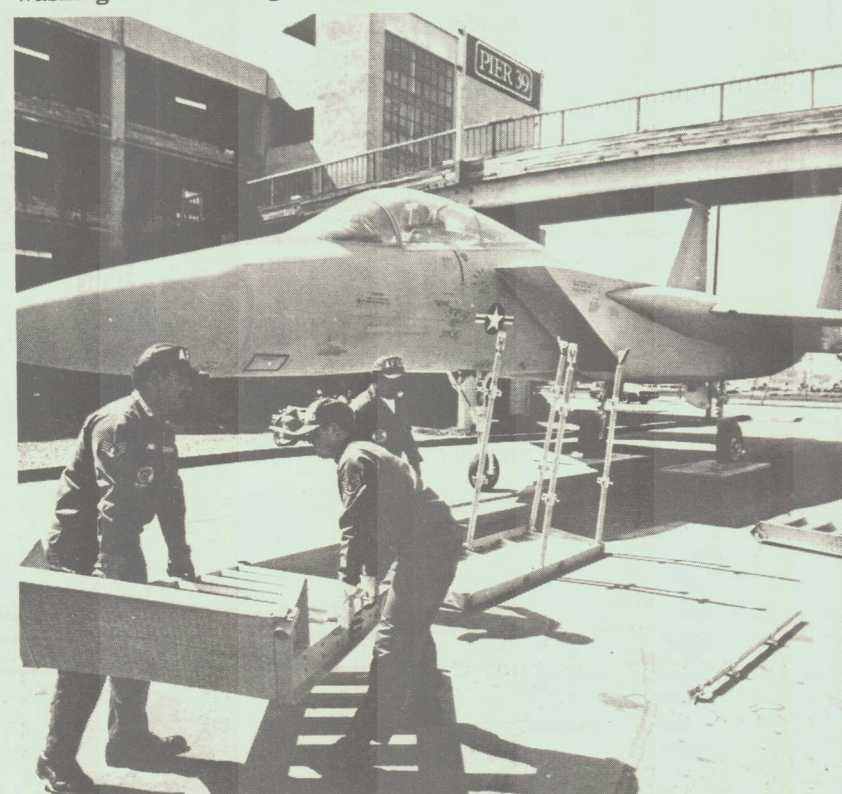
JIGSAW - Resembling pieces of a puzzle the F-15 is close to completion as the pieces are fitted and tightened. (U.S. Air Force Photo)



CONVERSATION PIECE - In place, the F-15 attracts curious onlookers never expecting to find an Air Force fighter at the wharf. (U.S. Air Force Photo)



LOOKING GOOD - The San Francisco fire department lends a hand in washing down the Eagle. (U.S. Air Force Photo)



CLOSE - AFOG team members put finishing touches on the display before it is put in place. (U.S. Air Force Photo)



IN PLACE - A crane is used to secure the wing to the F-15. The procedure is much the same for securing the tail section. (U.S. Air Force Photo)

## potpourri

## PME essential for future AF leaders, managers

By CMSgt. Ronald Brodeur  
3505th Recruiting Group

I always enjoy Leadership School graduation ceremonies, especially when our table earns all the awards. But in reality there are about 30 winners at each graduation. Although eight leave with a plaque or desk set, all of them leave with a new spark of pride; another tough course behind them and more tools to use in their management and leadership roles.

The first thing most people think about when discussing Professional Military Education is promotions. Going for senior master and chief master sergeant, it's worth about 35 points for having the command academy and the Senior NCO Academy completed. For staff sergeants and above it helps prepare the Promotion Fitness Exam. Another thought is if you don't have an appropriate PME level for your grade, you may not get the APR in-dorsement you think you deserve. There is some validity in both these points.

However, the key reasons for PME is to make us more proficient or to prepare us for increasing demands of managing and leading the modern Air Force. I'm sure there are some feet draggers who think they won't learn anything, but don't kid yourself.

In 1973, I was a new technical sergeant who was dragging his feet about going to the MAC Academy at Norton AFB, Calif. I was a helicopter quality control inspector and thought I was one of the most experienced maintenance guys in the Air Force. Fortunately, my NCOIC had bigger visions about what it took to be a total NCO. He explained his views as he

took me to board the plane for Norton.

The next five weeks were tough, but I resigned myself to giving it my best shot as I always had in everything I've done in my career. At the graduation banquet I was proud of myself and had rekindled pride in the Air Force. Of course, I didn't tell my NCOIC that, but he could tell. He knew they never teach you anything at those schools, but you sure do

learn a lot.

I learned a lot and always felt that the academy was a turning point in my career. I came away with new perspectives and it helped me to formulate new personal objectives.

"To be or not to be" may be the question, but "If it's going to be, it's up to me" is definitely the answer.



NEWEST MEMBERS - Maj. Jim Latham, Thunderbirds commander, renders the oath of enlistment to 17 members recruited by the 3552nd Recruiting Squadron. The enlistment took place just after the

team's arrival at Dayton, Ohio, for the International Air Show and Trade Exhibition. (U.S. Air Force Photo by MSgt. Tom Ranney)

## here and there

## AFOG awards

The Air Force Orientation Group recently earned top honors at the convention of the Association for Multi-Images in August. Col. Paul F. Heye, AFOG commander, accepted AMI's award of two gold plaques.

AFOG's "Peace Through Readiness" show earned a gold award for its overall achievement in Public Relations. The film is a 10-minute presentation highlighting Air Force advancements in high technology as it applies to military readiness capabilities. The film was entered in the Image - 10 or more projectors category.

AFOG's "Shaping the Future" presentation, entered in the six to nine projector image category earned gold award honors for meeting its objective of increasing awareness of Air Force research and development.

"Shaping the Future" is an eight-minute audio-visual presentation illustrating Air Force advancements in high technology, aircraft design and structural improvements. It also depicts techniques to improve communication systems and features progress in computer simulation technology. The show is used in AFOG specialty theater vans traveling to colleges and universities nationwide.

## Senate resolution

SSgt. Clyde O. Dubina, 3553rd Recruiting Squadron Officer Training School recruiter, was awarded an Ohio Senate Resolution from Ohio State Senator Thomas E. Carney. The presentation was in recognition of Sergeant Dubina's excellent civic, public relations and community involvement record.

## Ad from India

When the National Advertising Branch at the headquarters runs an Air Force ad in a major publication, the impact is expected on a relatively short term. However, in 1972 an ad was placed in a periodical that eventually found its way into the hands of Christopher Benevanthore 11 years later. He took interest and mailed the ad in.

Although you can probably find the same issue of the magazine at your local dentist or doctor office, Christopher's mail-in was unique in that it's not only

11 years old, but was sent from his home town in India!

This particular mail-in is just one example of the effectiveness of Recruiting Service's advertising campaign reaching around the world.

## Officer promotions

Seventeen Captains assigned to Recruiting Service were recently selected for promotion to Major. Seventy-five percent of the Line Officers were selected and 100 percent of all others considered for promotion were selected in RS. Selectees are:

Lawrence G. Conwell	3506th RSq
Sandra S. Klassy	3515th RSq
Elaine F. Laub	3514th RSq
Patricia A. Boland	3535th RSq
Suzanne E. Jordan	HRS
Julia W. Madsen	3561 RSq
Claudine M. Vasilio (Rushing)	3546th RSq
Jimmy C. Brown	3546th RSq
John J. Hacker	HRS
Richard D. Borenstein	HRS
Jerry J. Cox	3537th RSq
Charles L. Dickson	3506th RGp
James F. Fleming Jr.	3561 RSq
Charles D. Lawson	3531st RSq
Paul D. Whetzel Jr.	3505th RGp

## Recruiting course

Capt. Richard W. Peterson, 3569th Recruiting Squadron earned honor graduate recognition in the latest Recruiting Officers Course. Capt. Mary L. Chandler, 3518th Recruiting Squadron was named as the sales award winner and Capt. Charles R. Cohoon received the speech award. Other course graduates are:

Capt. John J. Brownfield	3551st RSq
1st Lt. Deborah G. Bertrand	3519th RSq
Capt. David C. Fischer	HRS
1st Lt. Ronald E. Hahn	3566th RSq
Capt. Sarah L. Kelly	3532nd RSq
1st Lt. James W. Livingston	3515th RSq
Capt. Warner T. Lyons	3552nd RSq
Capt. Dale R. Ostrowski	3555th RSq
Maj. Warren E. Studdard	3531st RSq
Maj. David A. VanWinkle	3543rd RSq
Capt. Howard R. Winters	3513th RSq
Capt. Sarah Kendall	3549th RSq

## Staking a claim

TSgt. Harlen D. Soper, 3568th Recruiting Squadron, has claimed a record of 14 College Senior Engineering Program enlistees currently attending Brigham Young University. Additionally the squadron has a total of 19 CSEPs.

## Gen. Hartinger visit

Gen. James V. Hartinger, commander-in-chief of North American Aerospace Defense Command and commander of Air Force Space Command, visited with 3531st Recruiting Squadron members while in Atlanta.

General Hartinger presented Col. David Saunders, 3503rd Group commander with a Space Command ball cap and Lt. Col. Dennis Murphy, 31st commander, presented the general a plaque in recognition of the Space Command's achievements since its formation.

## AF awareness month

MSgt. Brian M. Healey, 3552nd Recruiting Squadron A flight supervisor, recently arranged for a month of Public Service Announcements.

Through Sergeant Healey's efforts, WCOL disc jockey "Spook" Beckmann agreed to introduce every A flight recruiter on his Columbus, Ohio, radio show.

The first hour of his show throughout July was set aside for a call-in program. Flight recruiters rotated in answering questions from the listening audience. The station also provided time for Air Force PSA spots throughout each day of the month. The spots were used to plug Air Force emphasis programs.

On the street, bystanders were treated to a mini Air Force museum set up in the station's store front window.

Several times during the month a Columbus ice cream producer gave away free ice cream to anyone who stopped by the station.

The special Air Force Awareness month in Columbus wrapped up with a live presentation of an Air Force Media Broadcast Plaque to WCOL on "Spook's" show.



## crossfeed

## DWI crackdown

## Law enforcement emphasizes consent law

(ATCNS) — Alcohol-related traffic accidents continue to be a serious problem at Air Force installations. Thus, law enforcement officials are placing increased emphasis on informing drivers of the "implied consent" policy.

The policy specifies that persons who are allowed to drive on base have, in effect, given their consent to a chemical test (blood-alcohol test, breathalyzer or urinalysis) to determine the alcohol content of their blood when they are stopped on base for a traffic violation and intoxication is suspected.

According to Col. Richard E. Katz, ATC chief of security police, this policy applies to every person who drives a motor vehicle on an Air Force installation, regardless of whether they are military members or civilians.

Laws vary from state to state, but Air Force regulations governing motor vehicle operation on military installations are the same throughout the United States.

"Implied consent" is only one aspect of a driver's obligations, and it is acknowledged in writing any time a vehicle is registered on base.

Usually, consent may be withdrawn at the time of the violation, and no chemical test will be performed. However, failure to submit to a chemical test when lawfully requested to do so will result in the loss of base driving privileges for a minimum of six months.

Commanders also have the authority to take disciplinary action when warranted. In the absence of a chemical test, testimony of security police concerning the behavior of the driver at the time of the violation may be enough evidence to find the driver guilty of driving while intoxicated.

Once revoked, base driving privileges are rarely reinstated until the driver has successfully completed a remedial driver training course. For violations involving alcohol, completion of an alcohol rehabilitation course may be required in addition to or in place of remedial driver training.

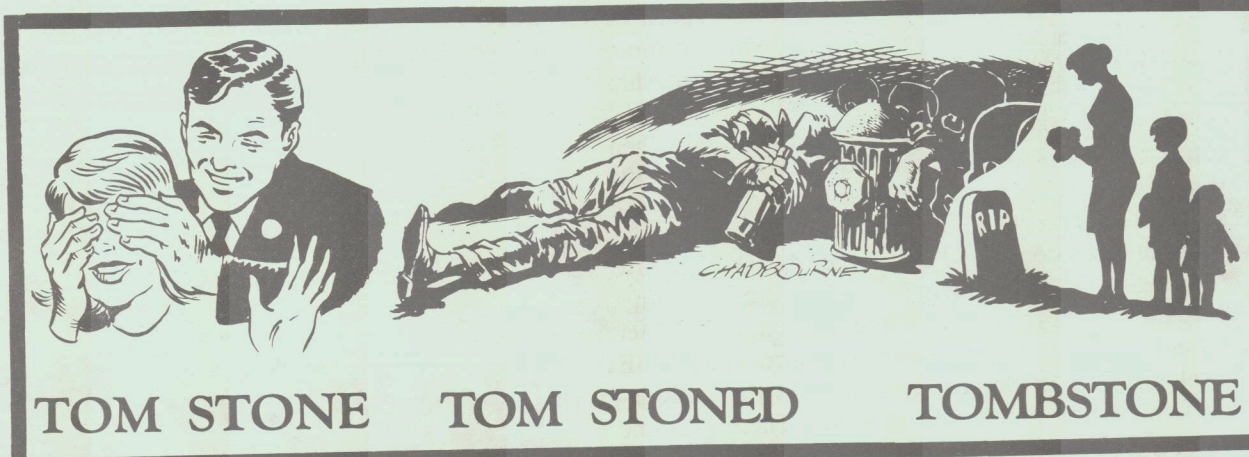
## faces



**RECRUITING TEAM** — SSgt. Sylvia Astorga, 3541st Recruiting Squadron, is assigned with her husband, TSgt. Ernie Astorga, to the OTS specialty team, B flight. TSgt. Astorga entered recruiting in 1976, followed by SSgt. Astorga in 1980. They have a daughter, Nikki, age 7. (U.S. Air Force Photo by TSgt. Ken Hightower)

Finally, drivers should be aware of the fact that many states exercise reciprocal authority. This allows them to revoke state driving privileges for violations

occurring on base, if the same violation committed off base would have resulted in revocation of state driving privileges.



## People, greatest AF commodity

"The Air Force's first and most important concern is people," said Air Force Under Secretary Edward C. Aldridge, at the Electronic Security Command Junior Officer of the Year presentation in late June.

Mr. Aldridge continued: "Without adequately trained and motivated personnel, the most sophisticated military equipment would be useless. I am proud of the job the Air Force is doing in this area."

"Today we have the most qualified force we have ever had — 99 percent of our enlisted members have at least a high school education. Almost 100 percent of our officers are college graduates and almost half of them have advanced graduate degrees, either at the master's or doctorate level."

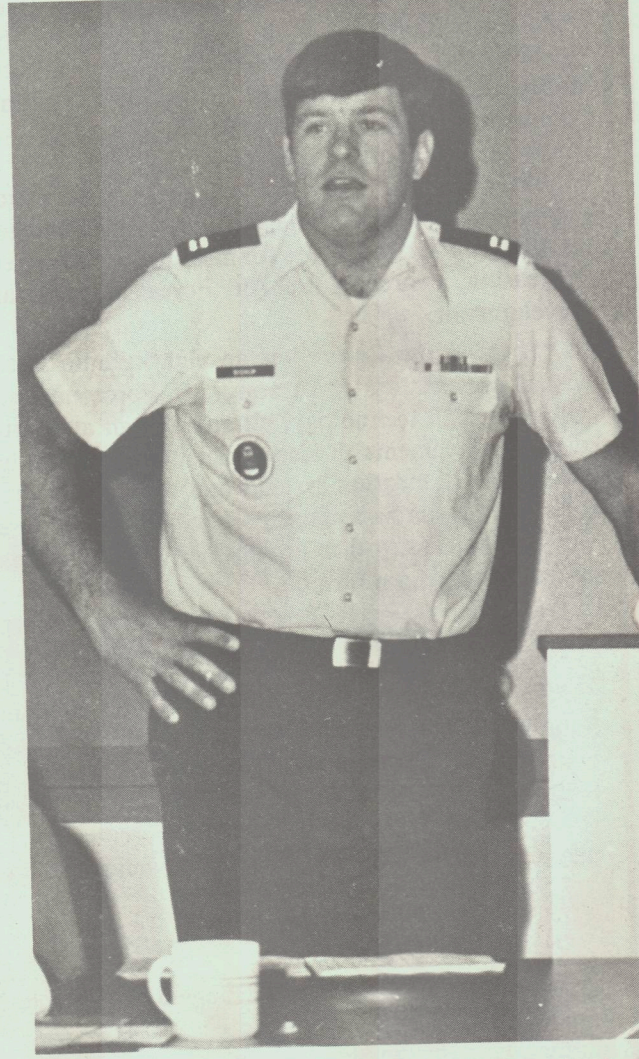
"Our recruiting and retention rates are excellent, which has resulted in further increasing the quality and skill levels of our personnel."

"One group of people we are particularly proud of is our women — 11 percent of our active duty personnel are women; some 65,000 and, just as important, 99 percent of Air Force jobs are now open to women. They are tracking aircraft and satellites, running computers, doing research and development, maintaining aircraft and missiles, flying non-combat aircraft and training new personnel. They are doing an outstanding job."

"But we cannot let our success in our personnel programs, recruiting and retention reduce our commitment to continue to improve the quality of life for the future personnel. As the economy turns around we must work hard to continue to maintain comparable pay and benefits, and more importantly, improve job satisfaction to attract and retain the high caliber of competent people we must have."



**ACADEMY GRAD** — TSgt. Tom Stofer, 3506th Recruiting Group recently earned distinguished graduate honors at the Air Training Command NCO Academy, Lackland AFB, Texas. Sergeant Stofer is a six-year recruiting veteran. (U.S. Air Force Photo by SSgt. Jean F. Rodriguez)



**RECRUITING VET** — Capt. Mark Bishop, 3552nd Recruiting Squadron, resource manager has been assigned to the 52nd since December 1980 when he arrived from Ramstein AB, Germany. The captain is a graduate of West Virginia University and enjoys hunting, bowling and white water rafting. (U.S. Air Force Photo)

## RSA calendar

Advertising projects due out in October & November are listed below. Details on specific projects are in the Recruiting Service Advertising Project Book. Copies are available in group and squadron A&P offices.

Note that the availability month listed here differs from the distribution month listed in the project book. This allows time for the project to be shipped directly or delivered to the Publications Distribution Center (PDC), and made available to recruiters.

The designation "RDS" in the remarks column indicates the project will be available from PDC, but should not be ordered until "fair share" notification is received.

Recruiters can expect to see leads from magazines and direct mail within 30 days after the publication or mailing date. Listing shows name and issue of periodical, program(s) supported and media codes which identify them on the prospect listing. General Support (GS) ads are those which support more than one recruiting program.

OCTOBER  
Recruiter Support Items

Projects	Remarks
GS 83-30, Ball-Point Pens	Direct ship to squadrons
OTS 83-9, Engineer Ruler	Direct ship to squadrons
HP 83-5, Physician Fact Folder	RDS
HP 83-18, Health Professions Thermo Coffee	Direct ship to squadrons
Mugs	
HP 83-19, Health Professions Pen-Pointers	Direct ship to squadrons
HP 83-20, Health Professions Desk Set	Direct ship to squadrons

## Periodical Advertising

Publication	Program	Issue	Media Code
Ebony	GS		E- NF
National Future Farmer	GS		PS
Popular Science	GS	Oct. 17	PE
People	GS	Oct. 14	SS
Senior High School Market Group	Influencer		
*#Reader's Digest	Influencer	Oct. 15	
*#TV Guide	Influencer	Oct. 14	
*#Junior Scholastic	Physician		DM
Dental Management	Physician		DV
Diversions	Physician		JS
American Journal of Surgery	Physician		JB
Journal of Bone & Joint Surgery	Nurse		RN
RN	Nurse		AA
American Association of Nurse			
Anesthetists Journal	Nurse		
*AANA News Bulletin	S&E		GE
*Engineering College Magazine	S&E		
Graduating Engineer (Computer Careers			
Issue & Minority Issue)	OTS/S&E	Oct. 17	NW
*Newsweek (College Edition)	OTS/S&E		TL
Technology Illustrated	OTS		
*American Meteorological			
Society's "Employment Bulletin"	OTS/S&E		ST
IEEE Spectrum	Academy	Oct. 28	SS
Senior High School Market Group	Retention	Oct. 17	
*Air Force Times	Educator		
*Scholastic Coach	Educator		
*VICA	Educator		
*Electronic Learning	Educator	Oct. 19	
* Education Week	Educator		
* Instructor	Educator		

\*Doesn't include business reply card  
#Upscale Influencer Campaign

## Direct Mail

Target	Program	Code
Male High School Seniors	NPS	DK
Engineer Work Force	OTS	DK
Physician Specialists	HP	DK

## Tours

Date	Squadron	Location	Type
Oct. 19-21	05th	Randolph AFB, Texas	Educator
Oct. 23-25	63rd	Kirtland AFB, N.M.	S&E
Oct. 25-27	67th	Sheppard AFB, Texas	Educator
Oct. 26-28	12th	Chanute AFB, Ill.	Educator
Oct. 26-28	18th	Keesler AFB, Miss.	Educator
Oct. 26-28	66th	Lowry AFB, Colo.	Educator
Oct. 27-29	51st	Wright-Patterson AFB, Ohio	S&E

## Thunderbirds

Location	Date
Topeka, Kan.	Oct. 1-2
Nellis AFB, Nev.	Oct. 3
Kirtland AFB, N.M.	Oct. 8
Harlingen, Texas	Oct. 9
Corpus Christi, Texas	Oct. 13
Lake Charles, La.	Oct. 15-16
Norton AFB, Calif.	Oct. 22
Mather AFB, Ca.	Oct. 23
Holloman AFB, N.M.	Oct. 29
Edwards AFB, Calif.	Oct. 30
Homestead AFB, Fla.	Nov. 5
MacDill AFB, Fla.	Nov. 6

Tyndall AFB, Fla.  
Patrick AFB, Fla.  
  
End of '83 season  
(\*84 season begins Mar '84)

Nov. 12  
Nov. 13  
  
Nov. 15

## NOVEMBER

## Recruiter Support Items

Projects	Remarks
GS 83-20, Scientific Fact Folder	Direct ship to squadrons
OTS 83-3 Engineering Fact Folders	Direct ship to squadrons

## Periodical Advertising

Publication	Program	Issue	Media Code
Boys's Life	GS		BF
Jet	GS	Nov. 14	JT
Mechanix Illustrated	GS		ML
Reader's Digest	GS		RD
TV Guide	GS	Nov. 5	TG
*#Field & Stream	Influencer		
*#People	Influencer	Nov. 14	
*#Junior Scholastic	Influencer	Nov. 11	
Resident & Staff Physician	Physician	RS	
American Journal of Surgery	Physician	JS	
Nursing '83 ('84)	Nurse		NR
*AANA News Bulletin	Nurse		
*Engineering College Magazines	S&E		GE
Graduating Engineer	S&E	Nov. 14	NW
*Newsweek (College Edition)	S&E		AE
Astronautics & Aeronautics	S&E	Nov. 14	
*Aviation Week & Space Technology	S&E	Nov. 15	
*The Bent of Tau Beta Pi	S&E		BY
BYTE	S&E	Nov. 17	
*Electronics	ROTC		
'83/'84 College Outlook & Career			
Opportunities			
*Air Force Times	Retention	Nov. 14	
*Personnel & Guidance Journal	Educator		
*Science Teacher	Educator	Nov. 16	
*Education Week	Educator		

\*Doesn't include business reply card  
#Upscale Influencer Campaign

## Broadcast Products

TV Spots	Length	Media Code
Pilots	:60	GS82-51V(2)
Air Force Montage	:30	GS82-51V(a)5
Discover	:20	GS82-33V(b)3
Crew Chief	:10	GS82-51V(c)1

Spot Disc "V" Release Nov. 1, 1983

Program	Length	Media Code
Gee Thanks (GS:60)		Holiday/Engineers (OTS:60)
New Year's Wishes (GS:30)		Station Thanks (GS:30)
Elf Force (NPS:60)		Sounds of Christmas (GS:60)
Holiday/Engineers (OTS:60)		Peace on Earth (GS:30)
Peace on Earth (GS:60)		Something Good (GS:60)
Magical Time (GS:30)		Station Thanks II (GS:30)

## Country Music Time

Artist	Media Code
T.G. Sheppard	Cristy Lane
Hank Cochran	Pee Wee King & Redd Stewart
Susie Nelson	Cole Young
Kieran Kane	Rick & Janis Carnes
Ronny Robbins	Guy Clark
Karen Brooks	Jeanne Pruett
Burrito Brothers	Big Al Downing

## Tours

Date	Squadron	Location	Type
Nov. 7-9	35th	Randolph/Lackland AFB, Texas	Educator
Nov. 7-9	52nd	Randolph/Lackland AFB, Texas	Educator
Nov. 13-15	35th	Eglin AFB, Fla.	S&E
Nov. 16-18	06th	Randolph AFB, Texas	Educator
Nov. 17-19	53rd	Wright-Patterson AFB, Ohio	S&E
Nov. 20-22	66th	Kirtland AFB, N.M.	S&E
Nov. 30-Dec. 2	11th	Keesler AFB, Miss.	Educator
Nov. 30-Dec. 2	68th	Lowry AFB, Colo.	Educator
Nov. 15-17	51st	Sheppard AFB, Texas	Educator

## Conventions

Event	Date	Location
Motion Picture & Concessions Industries	Nov. 1-3	Anaheim, Calif
Trade Show		
American Nurse Association	Nov. 3-5	Denver, Colo.
Southern Medical Association	Nov. 6-9	Baltimore, Md.
National Council of Teachers of Mathematics	Nov. 9-11	Philadelphia, Pa.
National Alliance of Black School Educators	Nov. 9-13	Chicago, Ill.
All Ohio Conference	Nov. 10-11	Columbus, Ohio
Alabama Association of School Boards	Nov. 10-11	Mobile, Ala.
National Council of Teachers of Mathematics	Nov. 10-12	Colorado Springs, Colo.
National Student Nurses' Association	Nov. 11-13	New Orleans, La.
Oklahoma State School Boards Association	Nov. 13-15	Oklahoma City, Okla.
Iowa Association of School Boards	Nov. 17-18	Des Moines, Iowa
California Association of Community Colleges	Nov. 18-20	Sacramento, Calif.



crossfeed

Whole 9 yards - Where did this one come from?

By Maj. Don E. Wegener  
USAF Hospital Fairchild

Nearly every day we pick up some new cliché or acronym and continue using it over and over, perhaps without even knowing its origin or meaning.

How many times have you heard the words "the whole nine yards?" Do you know the origin of the phrase? Obviously, it had to come from somewhere. I heard this phrase over and over again, but could not find anyone that could recall how it started. Finally, I heard the phrase from a retired combat pilot and asked him if he knew anything about "the whole nine yards."

This is the story he related to me:

The phrase was picked up during World War II. It was a term used by the ground crews responsible for maintaining and rearming fighter aircraft. Ground crews were very protective of their aircraft and would

jump at any chance to brag about and defend the pilot of their airplane.

One thing you must remember about fighters is that they are offensive weapons and can only do their job or even defend themselves as long as they have ammunition in their guns. If they ran out of ammo over their target, they had to return to base completely unprotected. They were sitting ducks if attacked. Pilots quickly learned to not spend all their ammo, but save some for the trip home.

Once home the ground crews would first ask how the mission went. How many aircraft were shot down or ships sunk were very tangible results of air combat and certainly worthy of praise at any meeting of ground personnel. More often than not, however, the mission turned out to be much less dramatic, and tangible evidence was often hard to come by.

Many of the missions were only to fly cover for ground operations, which meant protecting ground

troops with machine gun runs. Occasionally, those ground troops would be in such trouble that a pilot would throw caution to the wind and expend all of his available ammunition, knowing full well the consequences of his actions could mean he might be shot down if attacked while returning to base. When the ground crew would open the trap doors to gain access to the ammo belts in order to reload them, seeing them empty showed their man was highly courageous.

I do not know which type of aircraft was being referred to, but it just so happened in this story that the ammunition belts, if stretched out lengthwise, measured twenty-seven feet.

If no tangible evidence of combat was available during the ground crews' get-togethers, at least they could exclaim, "He gave them the whole nine yards," meaning the pilot went beyond the call of duty. (SACNS)



RETURNING THE FAVOR — Capt. Maureen Clay, curriculum area manager at Officer Training School, pins gold bars on 2nd Lt. Marc Lucas, her recruiter from Los Angeles. About six and a half year ago, Clay applied for OTS through Lucas, then a recruiter in Los Angeles. (U.S. Air Force Photo)

'Tis the season

Mail holiday packages early

The U.S. Postal Service announced its deadlines for mailing packages and cards overseas for Christmas.

People at overseas locations should use the deadline as a guide to make sure mail orders from the United States are made in sufficient time or arrive before the holidays.

To assure the timely arrival of Christmas mail at overseas destinations, all mail should be posted on or before the following 1983 dates:

Destination	Priority	Letters	(PAL)	(SAM)	Surface
Africa	Dec. 5	Dec. 5	Nov. 14	Nov. 7	Nov. 7
Alaska	Dec. 12	Dec. 12	Dec. 5	Nov. 28	Nov. 28
Hawaii	Dec. 12	Dec. 12			Nov. 28
Australia	Nov. 28	Nov. 28	Nov. 14	Nov. 7	Oct. 21
Caribbean/W Indies	Dec. 12	Dec. 12	Nov. 28	Nov. 21	Nov. 14
Central/So. America	Nov. 28	Nov. 28	Nov. 14	Nov. 7	Nov. 4
Europe	Dec. 9	Dec. 9	Nov. 28	Nov. 18	Nov. 4
Far East	Dec. 9	Dec. 9	Nov. 28	Nov. 18	Oct. 21
Greenland	Dec. 5	Dec. 5	Nov. 28	Nov. 21	Nov. 4
Iceland	Dec. 12	Dec. 12	Nov. 28	Nov. 21	Nov. 4
Mid East	Dec. 2	Dec. 3	Nov. 7	Oct. 31	Oct. 31
South East/Asia	Nov. 28	Nov. 28	Nov. 10	Nov. 7	Nov. 23

To assure timely arrival and delivery at U.S. destinations, all mail should be received at the gateway points by the following dates:

Destination	Priority	Letters	(PAL)	(SAM)	Surface
Gateway Points	Dec. 16	Dec. 16	Dec. 12	Dec. 5	Dec. 5

(SACNS)

IG findings report excessive claims on TDY travel vouchers

A high percentage of Air Force members are making unreasonable claims on their temporary duty travel vouchers. That charge is made in a recently released Department of Defense Inspector General's report which questioned excessive claims on meals, mileage, tips, taxis and laundry.

The IG looked at 241 vouchers at five different bases to determine the effectiveness and efficiency of travel. They also studied the vouchers to ensure travelers were making reasonable claims.

As a result of this report, the Air Force is telling its travelers to use good judgement when spending the government's money. Officials are also instructing travel clerks to be more alert to the potential for fraud or abuse.

Of the 241 vouchers reviewed, inspectors questioned nearly half of them.

Forty-one of the claims questioned involved

travelers whose claims for meals in high-cost areas appeared excessive. On one of those vouchers, a traveler showed average daily meal costs of \$43.42. "At a minimum," the report stated, "such claim showed a lack of prudence on the part of the traveler."

Two other claims questioned involved expenses for baggage tips. The two claimants traveled together under the same travel order on a four-day TDY. Each traveler claimed a \$5 baggage tip on six separate occasions. Both individuals claimed to have three bags.

Again, the \$60 claimed in baggage tips, "appeared excessive and imprudent" to inspectors.

The report's findings were gathered during review of travel vouchers at various stateside Air Force bases. The review is part of a DOD-wide study of official travel. (ATCNS)

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