



# On-final

An Air Force Reserve Newspaper

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Vol II No 10

Tinker AFB, Ok

September 1982

## A flat turn ?



A modified F-16 fighter is being tested using flight maneuvers that recently were considered only concepts of the future, announced Air Force test officials at Edwards.

Advanced Flight Technology Integration was used to modify an F-16 giving it turn right or left capability without having to bank.

Air Force test officials call this type of turn a flat-turn. The modified F-16 can make a flat-turn without changing its flight pattern and it can also fly up or down without changing its attack angle.

A joint Air Force-NASA-General Dynamics test team has begun a two-and-one year test program on the AFTI-modified F-16 at the NASA Dryden Flight Research Facility at Edwards.

Test officials said the futuristic concepts and flight control systems tests are being conducted to increase pilot capability in both air-to-air and air-to-surface combat. Some 275 flights are scheduled under the two-phase program, which test officials said will last well into 1984.

The modified F-16 is equipped with new digital flight controls, an advanced cockpit, highly integrated avionics and unconventional flight surfaces. Twin canards, or miniwings under the engine inlet, trailing edge flaps and horizontal tail make the maneuvers possible.

One of the F-16's biggest advantages is that it can fly unconventional flight paths, test officials said. Teamed with the latest weapons system, flat-turns will enable a pilot to turn toward the target, fire and fly away faster than most conventional aircraft.

Test officials said mission avionics aboard the AFTI F-16 are a giant step toward pushbutton flying. Buttons surrounding two video screens give the pilot various flight control modes.

The screens also display a variety of flight information from preflight systems checks to weapons status.

The AFTI F-16 features a wide field-of-view, head-up display and voice control electronics. Test officials said the new technology should make the pilots job easier.



Current models of F-16 in various flight configurations

## Deserving Airman Commissioning Program



New 2nd Lt Mike Miller gets assistance from his wife and daughter, as to the correct placement of his new insignia of rank, once the stripes are removed. Mike is the chief of quality force CBPO. (USAF photos)



2nd Lt Gale Crook receives congratulations from Col McEntee after being sworn in. As a SSgt Gale worked as a management assistant to the commander. Along with her new rank is a new job in Intelligence.

## Turkey! And it's not Thanksgiving yet

507th TFG personnel and aircraft will augment the 301st TFW on their deployment to Turkey.

Five Military Airlift Command C-141 Starlifters and a MAC-contract DC-8 will airlift approximately 400 maintenance and support personnel and their equipment. One airlift aircraft, carrying a 55-member advance party will leave Sept. 27. A second aircraft, carrying the enroute support team leaves Sept. 30. The remaining aircraft will depart Oct. 2. Aircraft and personnel will return Oct. 17.

The official news release was published on Sept. 3, and is as follows.

The U.S. Air Force's Tactical Air Command will deploy a combined total of 18 F-4D aircraft from the 301st Tactical Fighter Wing (U.S. Air Force Reserves), Carswell Air

Force Base, Texas and the 507th Tactical Fighter Group (AFRES), Tinker AFB, Oklahoma, to Cigli Air Base, Turkey, from October 3 to October 16, 1982.

While overseas, the aircraft will participate in the Allied Command Europe (ACE) Exercise series Autumn Forge 82.

Autumn Forge was initiated in 1975 and is conducted annually, with exercises taking place in the ACE area between northern Norway and eastern Turkey.

The aims of the Autumn Forge exercise series are to improve combat effectiveness through interoperability among ACE forces, to improve ACE crisis management capabilities, and to demonstrate allied solidarity and preparedness.

The aircraft will deploy across the Atlantic Ocean with an enroute stop at Torrejon Air Base, Spain.

They will refuel in flight from aerial refueling tankers of the Strategic Air Command. Military Airlift Command C-141 Starlifters will airlift approximately 250 maintenance and support personnel and their equipment.

An EC-135 Tactical Deployment Control aircraft will accompany the fighters across the ocean.

During the deployment, communications support and air traffic services will be provided by the Air Force Communications Command.

This temporary deployment is part of a larger program in which U.S.-based tactical air units deploy for short periods to Europe, Alaska, and the Pacific. The purpose of these short term deployments begun in 1975, is to familiarize U.S.-based aircrews with the unique aspects of operating outside the continental United States.

## 465th TFS rewards members



Lt Col Jerry Wrucha presenting Col Ron Williams with a wind sock, which has the 465th unit patch on it. (USAF photo)

At a Dinner recently the 465th TFS honored some of their members with plaques and mementos, for every thing from being a member of the unit and going on to other endeavors, to being the Tops, be it in gunnery comp or in just being one hell of an individual. All of the plaques and trophies were donated by Capt Jim Leslie's father.



Lt Col Bill Duvall is honored with a trophy presented by Col McEntee, for being the Overall Top Gun during the ORE Gunnery Cpm. He also received 2 plaques, 1 for low angle bomb and 1 for strafe. (USAF photo)



Col Ron Williams reciprocates in the giving of mementos, as he presents Lt Col Jerry Wrucha with a collage of photos, orders, and other memorabilia, significant to his tenure in the unit. Part of the inscription reads "Presented to the 465th Tactical Fighter Squadron in Grateful Appreciation for 10 years of Outstanding Fighter Aviation." (USAF photo)

## In and around the group



S.H.P.P. The Siera Hotel Pride and Professionalism Trophy was presented to MSgt Jim Carmen, AGE NCOIC. This is the second time within 4 months that the AGE section has won the honor. (USAF photo)



Part of the new look (fresh paint) within CAMS is this sign on the west end of the hanger. The artistry and labor are attributed to TSgt Samuel Teague and TSgt Terry Thrower, who accomplished their task on a voluntary basis. They said it was their way of assisting in the units recruitment, retention and organizational pride. TSgt Teague's employer, Mac Sign Co., loaned them the use of a cherry picker, to help with the job. When asked why, he said "I feel it's my patriotic duty to help support the units my employees are assigned to". (USAF photo)



SMSgt's Wessley Winters and Darrell Lumry of the 403rd CLSS restore a C-47 Skytrain for display at Tinker AFB. The project involved removal of heater inlets and exhausts, antenna masts, and rotating beacon lights and patching the holes. (USAF photo)



Recipients of awards at a recent Commanders Call are MSgt Mike Tritsch who received a plaque in recognition of his accomplishments as one of the outstanding Reserve administrators. TSgt Angela Hayes is shown receiving 3 plaques, which are just some of the accolades bestowed on her recently. AIC David Rouser received a letter of accommodation for his efforts at the Security Police School, where he was the Honor Graduate. This could get to be a habit since he was also Honor Grad. in Basic.



SSgt Mark Patterson was selected as the Maintenance (stick) Person of the month for August, in CAMS. As a reward for his accomplishments he received a certificate, a plaque, and a book of coupons for items and services within the local area. (USAF photo)

ON-FINAL IS A FUNDED CLASS II AIR FORCE NEWSPAPER PUBLISHED MONTHLY FOR PERSONNEL OF THE 507 TACTICAL FIGHTER GROUP (AFRES) AT TINKER AFB, OKLAHOMA 73145. OPINIONS EXPRESSED HEREIN DO NOT NECESSARILY REPRESENT THOSE OF THE UNITED STATES AIR FORCE.

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## Part 2 of a 3 part series

## Reemployment rights

By Major Minnis  
Staff Judge Advocate

The following story is part two of a series involving legal reemployment rights for Reservists.

This month's story covers situations when the Reservist is NOT eligible for reemployment rights and, when eligible, those rights the Reservist can expect to receive.

WHEN IS A RESERVIST NOT COVERED BY REEMPLOYMENT LAWS?

These laws do not protect a Reservist's employment in all situations. Among the possible uncovered service of a Reservist are the following:

1. Where AD is for the sole purpose of determining physical fitness.
2. Where the Reservist's civilian job is "temporary."
3. Where the IADT is less than three consecutive months.
4. Where Reservists performing IDT or ADT fails to request leave for such training.
5. Where Reservist voluntarily extends his covered AD and the extension is not "for the convenience of the government" and at the "request" of government.
6. When voluntary AD is to attend a special school "not for training."
7. When the Reservist does not report back to work at his civilian job in a timely fashion.

WHAT ARE A RESERVIST'S REEMPLOYMENT RIGHTS?

1. Seniority-Reservist not only retains his seniority; he accrues it as if present.
  2. Status-A Reservist is treated, not as having been on a leave of absence, but as if he had not left.
  3. Pay-The Reservist is not entitled to compensation for the period of his AD or IDT service.
- However, some employers do provide periods of "military leave with pay". Nontemporary federal employees are entitled to military leave with pay for not more than 15 days in a year (5 USC 6323). Any unused military leave in a year may be carried over the next year.

4. Security-Employer cannot discharge Reservist for Reservist's participation in Reservist's activity.

5. Vacation-Reservist continues to accrue vacation entitlements while participating in Reservist activities. A Reservist is not required to use his accrued vacation entitlement for the period of his Reservist activities.

However, the employer does not have to pay for periods when a Reservist is absent from his civilian job on military duty, unless required by federal or state statutes, or an employment contract.

## BX changes policy on uniform alterations

DALLAS (AFNS) -- The alteration policy on commercial and issue military clothing items has been clarified by officials of the Army and Air Force Exchange Service.

AAFES officials at Dallas said minor alteration at no extra charge will be made to the following commercial items:

- Trousers and skirts -- minor waist alterations
- Trousers -- hems and leg bottoms

- Coats, overcoats, and mess dress uniforms -- sleeves

Enlisted personnel may have mess-dress uniform shoulder loops removed, buttons aligned and customer-furnished service stripes and rank insignia sewn on free. Furnished rank insignia will also be attached free to enlisted members' coats and overcoats.

Free alterations to Defense Personnel Supply Center issue items include enlisted member's coat shoulders and collars, sleeves on coats, and side and back seams on coats, skirts and trousers.

Hemlines on coats and skirts will also be adjusted free of charge to enlisted members.

## Wing structure changes

The Wing structure for all F-4 units within Tenth Air Force will be reorganized Oct. 1 when the F-105 unit at Hill AFB, Utah, officially changes from Group to Wing Status.

On that date, the 508th Tactical Fighter Group will be inactivated, only to be replaced by the 419th Tactical fighter Wing which will be activated at the same location. The unit will continue flying F-105s until late 1984 when it converts to F-16 aircraft.

The reorganization directly affects the 507th Tactical Fighter Group which will at that time be assigned to the 419th TFW instead of the 301st TFW.

The Wing structure for the remaining Reserve units will be:

301 TFW, Carswell AFB, TX  
924 TFG, Bergstrom AFB, TX

482 TFW, Homestead AFB, FL  
906 TFG, Wright-Patterson AFB, Ohio

## UTA schedule

FOR FISCAL YEAR 1983

30-31 Oct; 20-21 Nov; 4-5 Dec;  
15-16 JAN; 12-13 FEB; 12-13 MAR;  
16-17 APR; 14-15 MAY; 25-26 JUN;  
23-24 JUL; 20-21 AUG; 17-18 SEP.

## Courses renumbered



Professional Military Education correspondence courses are to be renumbered beginning this Oct. 1, Extension Course Institute officials announced.

The Command NCO Academy course nine will be the first to be renumbered. Its new number will be course six. Most other affected courses will be renumbered during revision.

Course 10, the NCO Orientation Course and course 11, the USAF Supervisor's Course, will be combined and renumbered course four. The USAF Senior NCO Academy course will remain course eight.

Further clarification of this was rendered by Paul Wilson of the training office. He said that the USAF Senior NCO Academy course has been broken into three phases. Initial enrollment is in course 00008A. Upon successful completion of each phase the member is automatically enrolled in the next phase. After the final segment is complete, course credit is given for the entire course.

Courses numbered 10-19 will be for the Civil Air Patrol, Air Force Reserve and Air National Guard.

All company-grade officer PME courses except for Squadron Officer School will be numbered from 20-24.

SOS course numbers will be numbered from 25 to 29. Air Command and Staff College courses will be numbered 30-39 and Air War College courses will be in the 40-49 range. Civilian courses are numbered from 50 to 59.

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