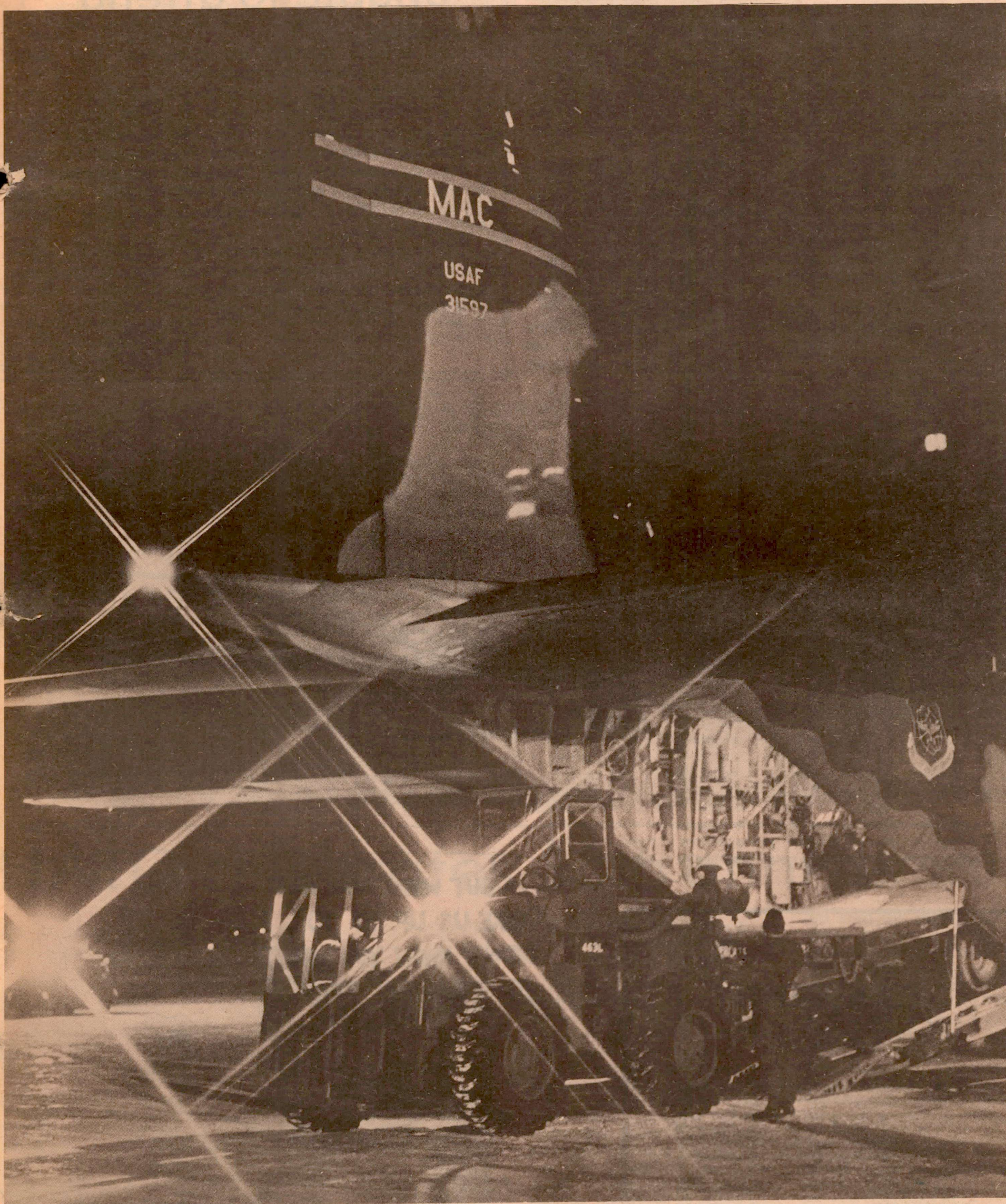


# HERCULES HERALD

April 7, 1979  
Vol. 16, Issue 12  
Pope AFB, N.C.



USAF photo by TSgt. Larry Enloe

## SPECIAL EDITION

**Open House**  
Commemorating The 60th  
Anniversary Of  
Pope Air Force Base



## Commander's welcome

Welcome to our Open House and Air Show as we celebrate our Sixtieth Anniversary as a military field. For sixty years, Pope Air Force Base has played an important role in aviation and air power history which spans two World Wars, Korea, and Vietnam.

Today, the base is the center of airlift activity with the 317th Tactical Airlift Wing capable of moving personnel, supplies, and equipment anywhere in the world for defense or humanitarian reasons. The United States Airlift Center, also located here, is responsible for the direction and evaluation of testing tactics, techniques and concepts for world-wide airlift forces.

During your visit with us, we hope you will become acquainted with the aircraft and equipment demonstrated and on display which support our national

defense objectives around the world. One of these aircraft, the Lockheed C-130 "Hercules," used here at Pope AFB, is celebrating twenty-five years of tactical airlift. Modern US Army equipment from Fort Bragg is also on display, representing the fact that the Army and Air Force are team members in preparedness for national defense.

We observe this anniversary as a time to reflect on the pride of our past accomplishments, on the friendship, cooperation and mutual understanding of our local communities, and on our faith and efforts to continue our achievements in the future. We are proud of the way we use our tax dollar, we trust you will be also.

We hope your visit with us will be rewarding and enjoyable and that you will visit us again in the near future.

## Governor Hunt unable to attend

Dear Friends:

I regret prior commitments prohibit me from being with you on this most important day.

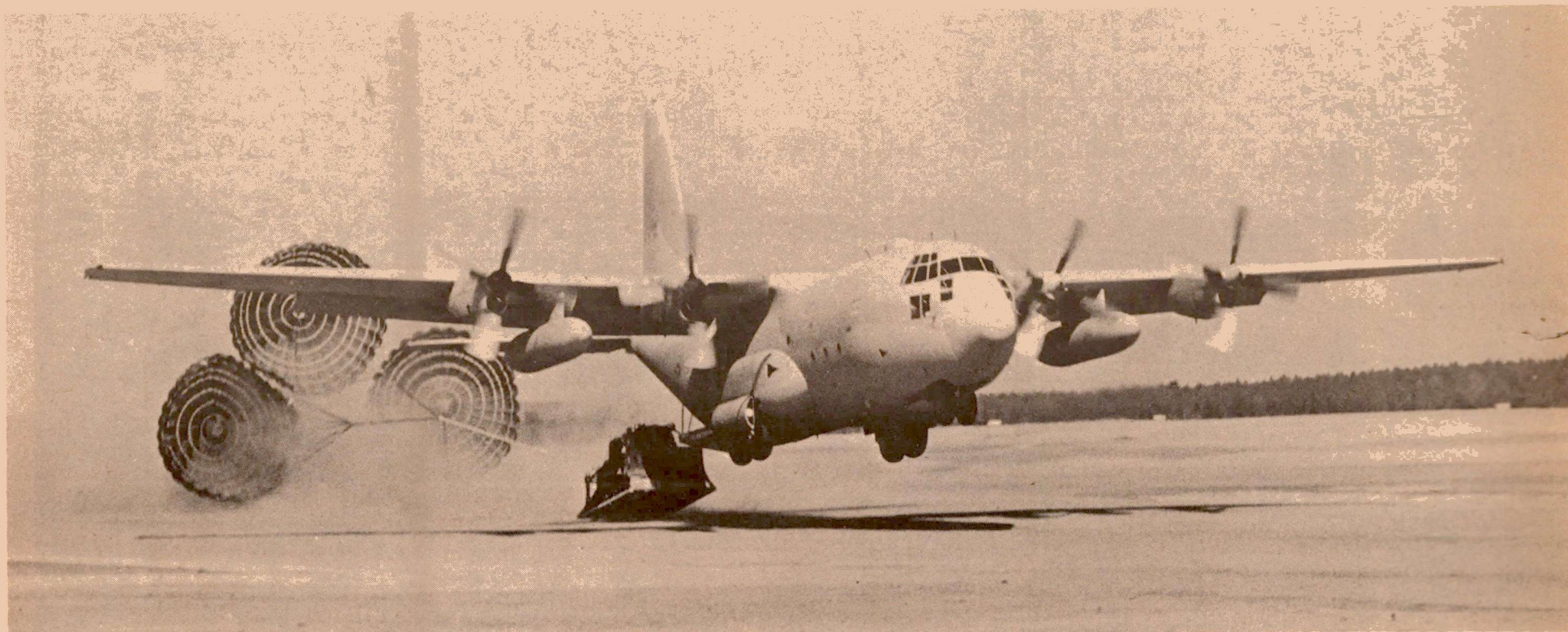
This is an important day because you are here out of interest and appreciation. Interest in all the activities of Pope Air Force Base and a deep appreciation for the outstanding job they are doing in carrying out their mission.

I know the many exhibits that are on display today will be interesting and educational. I urge you to view them all so you will have a better understanding of our United States Air Force.

The people of North Carolina are very proud of Pope Air Force Base. North Carolina is fortunate to have such a great Air Force Base located here.

My warmest personal regards.

Sincerely,  
**JIM HUNT**  
Governor, North Carolina



The C-130 "Grey Ghost", termed that for its unique paint scheme, makes a Low Altitude Parachute Extraction System delivery of cargo. A C-130 is scheduled to demonstrate this delivery system at today's Open House.

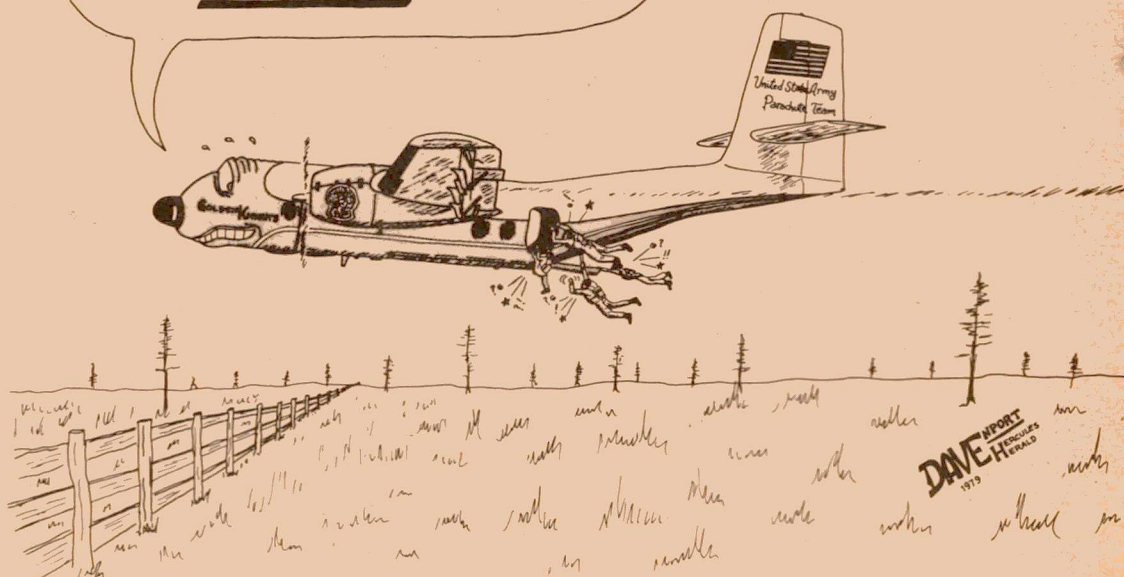
### HERCULES HERALD

Pope Air Force Base, North Carolina  
"Home of Tactical Airlift"

The HERCULES HERALD is an Official Class II United States Air Force newspaper published every other Friday (bi-weekly) for the people of Pope AFB, Military Airlift Command, at Fayetteville and Spring Lake, N.C. The HERALD receives material from the Armed Forces Press Service, Air Force and MAC news services. Opinions expressed herein do not necessarily represent those of the Air Force.

Col. Duane H. Erickson ..... 317 TAW Commander  
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Linn Law ..... Staff Assistant  
TSgt. Larry Enloe ..... Staff Photographer  
Dave Davenport ..... Staff Artist

... BUT WHEN YOU SAID  
'TAKE US UP TO 10', I  
DIDN'T KNOW YOU MEANT  
10 THOUSAND FEET!



### Cover photo

An Air Force forklift and other equipment is unloaded from a C-130 Hercules. The equipment was transported during a winter airlift to aid snow-blanketed Northeastern states.



# Base hosts spectacular Open House

A spectacular show, commemorating the base's 60th anniversary, is scheduled here today.

The air show will open with the aerial demonstration of three C-130 Hercules aircraft flying in formation. After breaking from the formation, one of the transports will airdrop cargo while another makes a Low Altitude Parachute Extraction System delivery of cargo.

A demonstration by the Pope Combat Control Team will follow the cargo deliveries.

Continuing the air show will be the Army's Golden Knights Parachute Demonstration Team. This team competes in national and international parachute competitions and puts on demonstrations

in support of the Army Recruiting Command.

Following the Golden Knights will be an aerial demonstration of the F-15 Eagle. The F-15, one of the newest Air Force aircraft, is a single-seat, fixed-wing, all-weather fighter.

A flyover by a B-52 Stratofortress and a KC-135 Stratotanker will continue the air show. That will be followed by a flyover of four F-4 Phantoms in formation.

The final aerial demonstration will be the AV-8A Harrier. The AV-8A is the Marine Corps fighter aircraft capable of flying at near supersonic speeds, aerodynamically braking to a midair halt in seconds, hovering, flying backward and maneuvering sideways.

Continued on page 6



Golden Knights

US Army photo

## Academy observes birthday

Sunday marked the silver anniversary of the founding of the United States Air Force Academy.

Twenty-five years ago, the Congress of the U.S. authorized the creation of a separate military educational institution to help meet the future officer requirements of the then fledgling Air Force.

Banked against the rising spires of the Rocky Mountain Rampart Range, the academy provides an inspiring and beautiful location to train future leaders of the U.S. Air Force.

More than 4,400 young men and women from all states of the union live there. The academy provides instruction and experience to all cadets so that they graduate with the knowledge and character essential to leadership and the motivation to become career officers in the U.S. Air Force.

Based upon the board's recommendation, Congress authorized creation of the Academy in 1954, and site selection began.

The Cadet Wing, originally established to include 2,539 cadets, was expanded by President Lyndon B. Johnson March 3, 1964, to 4,417 cadets. The first class to include women entered the academy June 28, 1976 and will be graduated during 1980.

From the first graduating class of 207 in 1959, the Academy now graduates more than 900 new lieutenants a year, or more than 12,000 since its inception.

The academy has produced 20 Rhodes Scholars, a figure exceeded by only five other universities in the nation since 1959. Additionally, there have been 44 Guggenheim fellows, and 144 All-American athletes.

Graduates giving their lives for

their country number 112, killed in action. Thirty-one academy graduates served as prisoners of war, while 13 are still missing in action.

The Academy has produced two fighter aces, four astronauts, one Medal of Honor winner and 15 Air Force Cross winners. Eight graduates have served as White House Fellows while 12 have been winners of the prestigious Jabara Award for Airmanship.

Today, and in the future, the academy will continue to provide a solid educational background for future Air Force leaders, not only in academics but also in military training and physical education. Academy graduates will be, more than ever, well-rounded contributors to the American way of life, serving their country through pride, dedication and a continuing commitment to excellence.

# NATO celebrates 30th anniversary



USAF photo

## Starlifters in Europe

C-141 Starlifters are constantly on the move in and out of Europe.

By Gen. William G. Moore Jr.  
Military Airlift Command  
Commander in Chief

The North Atlantic Treaty Organization will be 30 years old April 4, a date we should use to recall how close our ties with that organization have become.

NATO was formed when representatives of the United States, Canada and 10 European countries agreed "...to settle disputes by peaceful means" and "develop individual and collective capacities to resist armed attack." An attack on one member nation would be considered an attack on all.

NATO has been one of the greatest peacetime alliances of all time, and MAC has played a big role in its success. During emergencies, military units in Europe depend on MAC for reinforcements and resupply.

NATO and MAC forces practice regularly to maintain readiness

and keep the peace. Our most visible preparation comes each year when MAC strategic and tactical airlift resources, active and reserve, support the REFORGER (REturn of FORces to GERMANY) exercise in Europe.

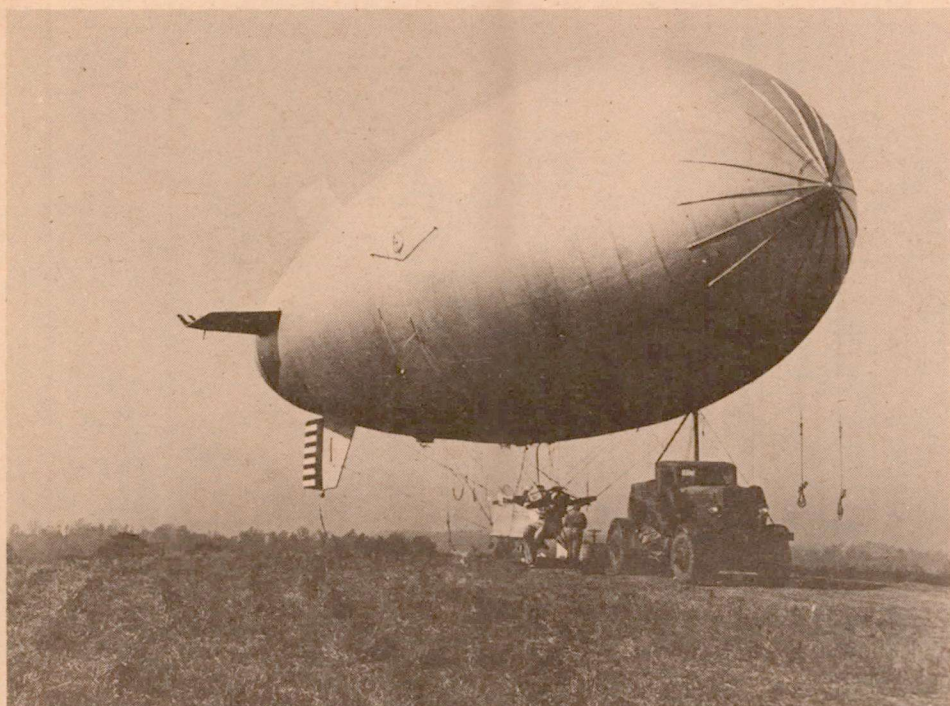
In just a short time, Military Airlift Command aircraft lift more than 14,000 soldiers and support people, along with 1,000 tons of equipment, into and out of the European theater. We do that to keep ready for any aggression—something we hope will never happen. But, if aggression comes, the initial reinforcements will ride to war on MAC—there's just no other way to get there in time to make the difference.

I'm proud of the work MAC people do to help the NATO mission. Working together, our partnership for peace can meet any crisis successfully.

On behalf of the command, I congratulate NATO on its 30th birthday.



# A look back... 60 years of aviation



Blimps from Pope Field made numerous trips out of state to take part in ground and air-ground maneuvers. The all-important ground crew had the job of inflating balloons, working on engines and helping the pilot land.

From the support of Army ground and airborne units to humanitarian missions flown throughout the world, Pope Air Force Base and the 317th Tactical Airlift Wing assigned here have been a vital part of America's air arm.

Pope AFB itself dates back to March 27, 1919, when it was first established by the War Department. It is named after First Lieutenant Harley Halbert Pope who, along with Sergeant W.W. Fleming, was killed when their "Jenny" ran out of fuel and was ditched outside of Fayetteville, N.C., in the Cape Fear River. The two airmen were to have served as the advance party for the first flying squadron to be assigned to Pope.

Until 1940, Pope was merely a sod runway, dotted with a few buildings and a balloon hangar, where pilots were advised to "buzz" the field at low altitude to chase away grazing deer.

Even with this primitive setting, Pope served as site for the first joint air-ground operation in 1928, when the field was covered with a blanket of white smoke from the air.

With the beginning of World War II, Pope's runway was paved and the base served as a testing site for many air-ground operations, including the largest air

maneuver to take place in this country. During this demonstration squadrons of fighters engaged in mock warfare, bombers spotted the ground with small sacks of flour (simulating bomb runs) and transports dropped a record 500 paratroopers in airborne assault.

Pope's part in World War II was not just simulated though. In February 1942, a flying squadron enroute to Cape Hatteras from Pope located and sunk the first German submarine off the coast of the United States.

Pope saw its greatest expansion after the Korean Conflict as the base became the primary Tactical Airlift Command facility due to its close proximity to Ft. Bragg and its airborne command.

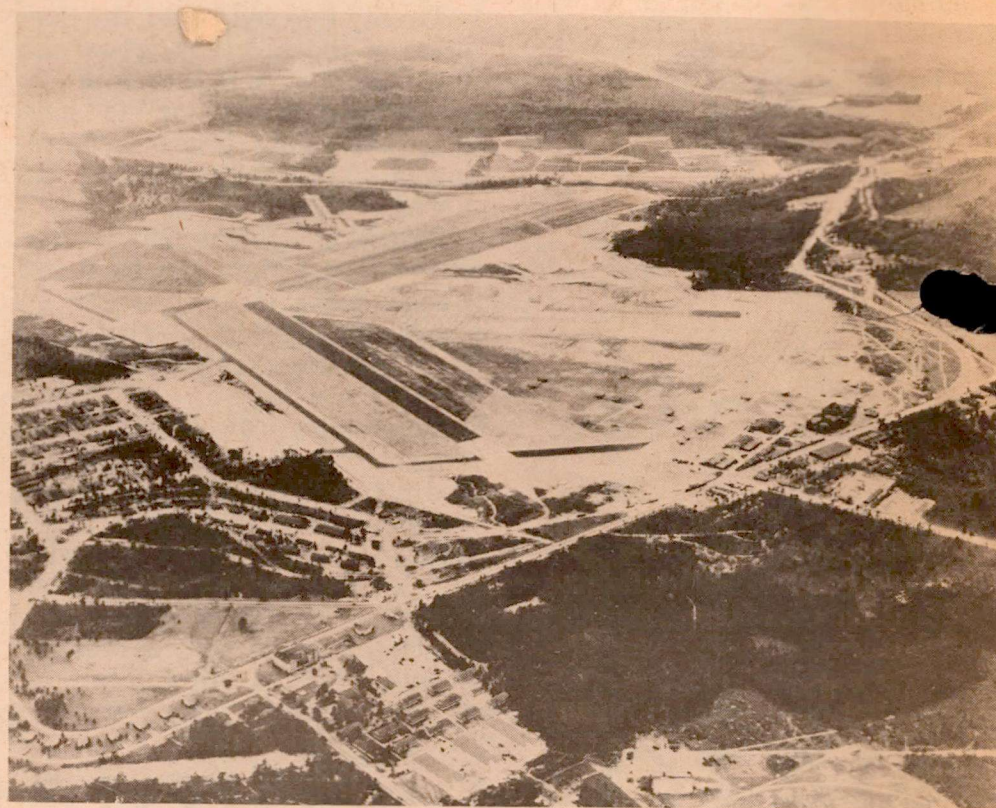
The 464th Troop Carrier Wing moved to Pope from Lawson AFB, Georgia, in 1954. In 1967, the name was changed to the 464th Tactical Airlift Wing.

Throughout its history, so far, Pope had seen a number of aircraft come and go, including the B-18, C-46, A-20, C-119 and the C-123. In 1963 though, Pope received its first C-130 "Hercules," the aircraft that even now serves as the mission aircraft assigned to Pope.

This new aircraft, manufactured by the Lockheed Corp., greatly increased the wing's



1925



1941

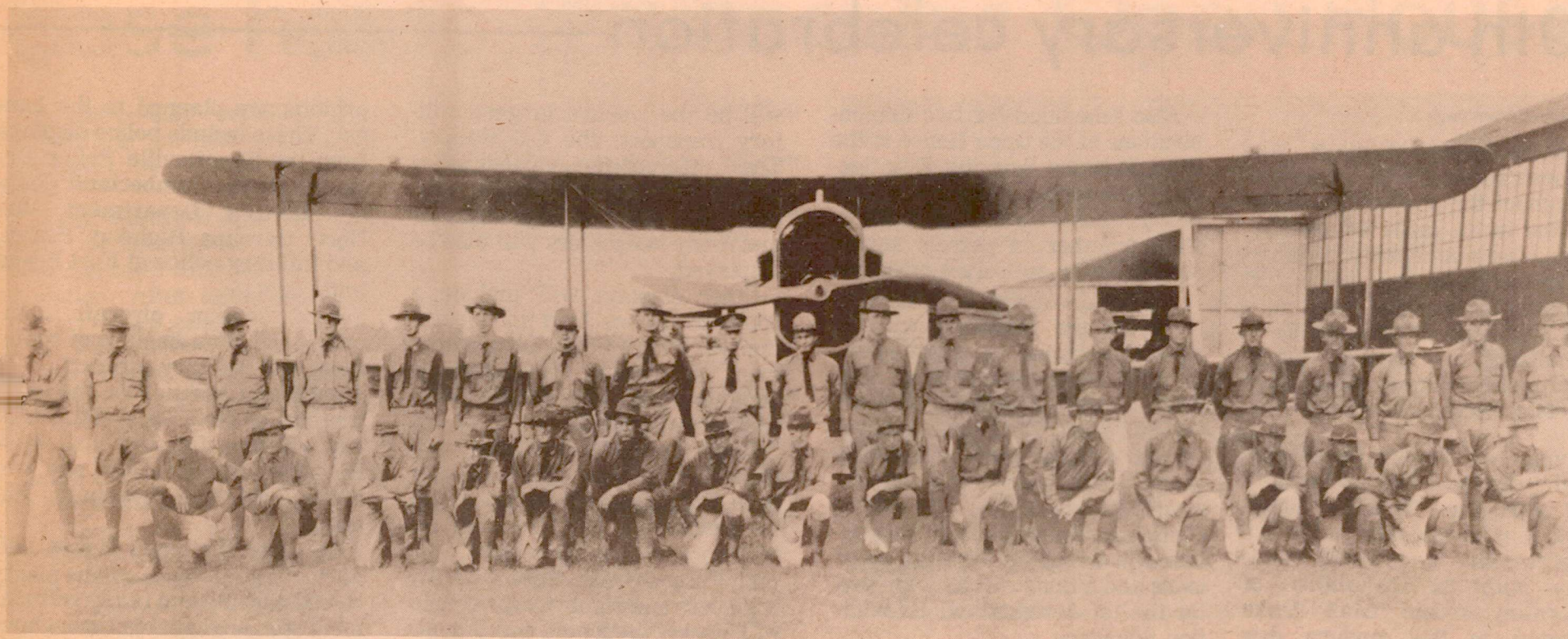


1978



Curtis JN-4 "Jenny"





Members of the 276th Aero Squadron and an early Curtiss bi-plane. The 276th arrived early in 1919 and was the first squadron assigned at

Pope Field. They ate beef stew for breakfast, lunch and dinner, which the mess sergeant kept well watered.

capability as both a military and humanitarian organization. Its abilities were proven in 1964 when the 464th received the MacKay Trophy for the "most meritorious flight of the year." The flight was the evacuation of rebel-held hostages and refugees from the Republic of the Congo.

On August 31, 1971, the 464th Tactical Airlift Wing was deactivated and the 317th Tactical Airlift Wing at Lockbourne AFB, Ohio, was administratively moved to Pope.

The administrative change was an effort to keep alive the name and colors of an illustrious unit that had served in World War II and the Korean Conflict.

Keeping with this tradition, the 317th was instrumental in many supply efforts during the Vietnam War. The most significant of these was the aerial resupply of besieged Khe Sanh. The airlifted supplies and ammunition prevented the loss of this strategic outpost to enemy forces.

Also during the Vietnam War the 317th was responsible for the first wartime use of an aerial delivery system designed to allow the airdrop of men and equipment from 10,000 feet in all types of weather. The system is the Advanced Weather Aerial Delivery System (AWADS) and Pope C-130s are still the only active duty aircraft equipped with this electronic system.

All of Pope's and the 317th's history does not revolve around war, though. From the Berlin Airlift to humanitarian airlift missions in the United States, Nicaragua, Mali, Chad, Turkey and Guatemala, the 317th and the personnel at Pope have been ready to fly medical help and much needed food and water supplies to any disaster stricken area of the world.

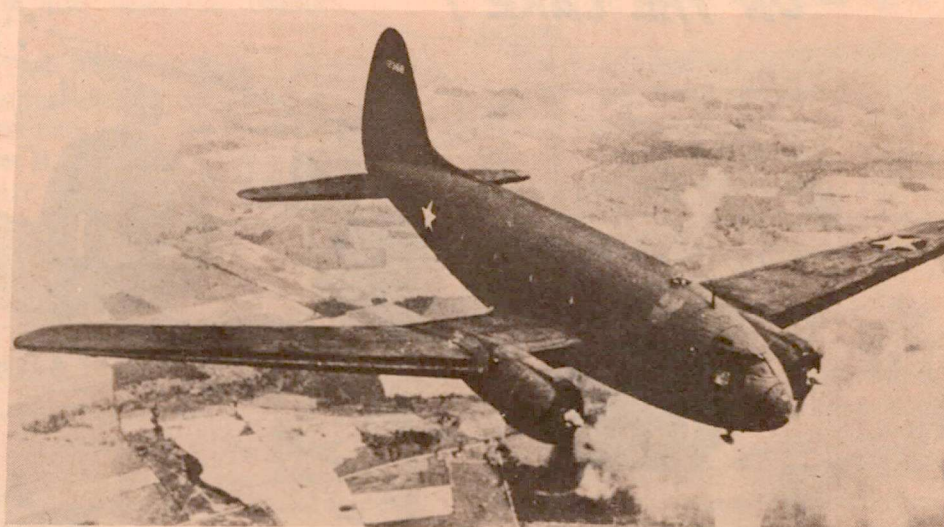
These efforts have earned the wing two Presidential Unit

Citations and three Air Force Outstanding Unit Awards.

On December 1, 1974, Pope was transferred from the Tactical Air Command to the Military Airlift Command, in an effort to reorganize all airlift forces under one command. The change, however, did not effect the mission of the 317th.

Pope aircraft, along with Air National Guard and Air Force Reserve Forces, continue to support major exercises each year and the three flying squadrons of the 317th continue to fly support missions for United States Air Forces-Europe on a rotational basis.

Further enhancing Pope's importance in airlift was the establishment of the United States Airlift Center here in 1976. The Center's job is to improve the capabilities of airlift forces worldwide. It provides centralized



World War II brought twin-engine transports and the troop carrier mission to Pope Field. Mission aircraft included the Curtiss C-46 "Commando."

USAF photos

airlift expertise and serves as the focal point for the development, testing and evaluation of new equipment, tactics, techniques, doctrine and operational concepts for airlift forces.



The first C-130 assigned at Pope AFB arrived in September 1963. Appropriately, the first one was nicknamed the "North Carolina." Since being assigned to Pope, the C-130s

have flown numerous humanitarian missions. These missions have earned the wing two Presidential Unit Citations.



# 60th anniversary celebration

Continued from page 3

Entertainment, displays, and demonstrations will continue throughout the day on the flightline and in the large hangar.

The entertainment will begin at 11 a.m. with the Tactical Airlift Command Band. The band is a wind ensemble of 20 musicians, specializing in classical music, contemporary show tunes, and television program music.

Giving two performances during the day will be the Army's 82nd Airborne Division Stage Band. It is considered to be the finest military stage band in the Army with the capability of performing music from Duke Ellington to the modern day Maynard Ferguson.

Also scheduled for two demonstrations at the Open House is the Pope Military Working Dog Section. The dogs and their handlers will demonstrate their training to work together on patrols and in searching for explosives or drugs.

Among the many aircraft displays on the flightline will be several versions and configurations of the C-130 Hercules. The C-130, which is the type of aircraft flown at Pope, is in its 25th year of service with the Air Force. Some of the C-130 displays will demonstrate its versatility by being configured for paratroopers, another will be set up for equipment loads and a third will be arranged for the 1st Aeromedical Evacuation Squadron.

Also displayed on the flightline

will be the world's largest military transport, the C-5 Galaxy. The C-141 Starlifter, various other transport aircraft, attack aircraft, the Marine Corps Harrier and Army helicopters will also be displayed.

Other displays will include a communications field unit operation, Air Force firefighting equipment, a disaster preparedness command post, and weather forecasting equipment.

Units from Fort Bragg will display some of the Army's newest equipment. Included will be the XM-198 Howitzer and the Vulcan anti-aircraft cannon. Special Forces-Green Berets, Army engineers and Signal Corps people will display their field equipment.

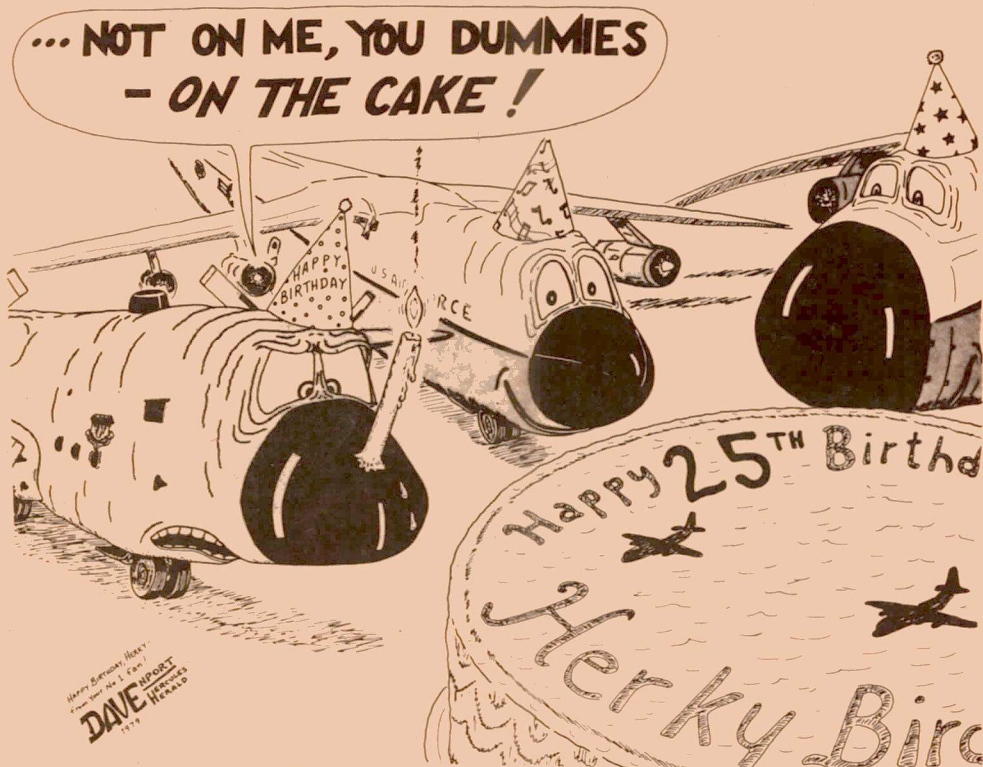
Many civilian and military

exhibits are planned in the hangar. These include police displays from the Fayetteville Police Department, the Cumberland County Sheriff's Department, the North Carolina Highway Patrol, and military police at Fort Bragg and Pope.

Five civilian aircraft companies will have displays of equipment and military aircraft.

A special addition to the celebrations of the C-130's 25th birthday will be a five-day visit by a Royal Air Force C-130K and two crews from RAF Lyneham, England.

Gates to the Open House will open at 9 a.m. There will be plenty of free parking and many refreshment stands available throughout the exhibit area.



A C-141 Starlifter is dwarfed by the giant C-5 Galaxy. Both of the transport aircraft are to be on display today.

## F-15

## Eagle

Now in service with both the U.S. Air Force Tactical Air Command and the United States Air Forces in Europe (USAFE), the F-15 Eagle was designed by McDonnell Douglas Corporation to excel in combat both with enemies in the air and with enemies on the ground.

Air Force tests proved it able to engage the highest-flying, fastest aircraft any adversary might have. The Eagle's twin engines can propel it at more than two and a half times the speed of sound, or carry it almost 20 miles above the surface of the earth.

Other military tests have demonstrated that the F-15 consistently detects and defeats low-flying aircraft. Its ability to maneuver superbly at low as well as high speed makes the Eagle an effective dogfighter with a ratio of wins to losses in dogfight exercises of 88-to-1.

Its air-to-air weaponry includes four radar-guided Advanced Sparrow missiles, four heat-seeking Sidewinder missiles, and an

internal 20-millimeter cannon with 940 rounds of ammunition.

For air-to-surface missions, the Eagle keeps its missiles and cannon while adding six tons of bombs and guided weapons. About 5,100 pounds can be mounted under each wing, another 4,500 pounds at the center of the fuselage.

In appearance the F-15 is distinguished by its large, fixed wings, its twin tails, two close-set engines, and a large canopy providing excellent visibility for the pilot. The large wings are the end product of extensive design work, and classic simplicity is their most obvious trait. They do not move, and they have no slats, fences, sawtooth edges, or spoilers.

The body of the F-15, the airframe, is a blend of conventional materials such as aluminum, titanium, and steel coupled with proven new materials such as graphite and boron composites. Each F-15 is basically an aluminum supplemented by titanium in

high-stress, fatigue and temperature sensitive areas and by composites where both stiffness and minimum weight are required.

Inside, electronic equipment is arranged for each access. Fuel tanks are centrally located for simplified fuel management and are separated from the engine bay to enhance the F-15 ability to survive combat damage.

The two Pratt & Whitney F100 engines, situated at the back of the fuselage, are easily accessible and relatively smoke-free. Lack of engine smoke makes the Eagle harder for enemy pilots to see.

Hughes Aircraft builds the Eagle's high-power radar with its detection range of over 100 miles. The radar will detect and track targets at all altitudes, above or far below the Eagles. When "looking down," most radars have difficulty separating the target from the ground below it because of what is called ground clutter. The F-15's radar features clutter-free lock-on, tracking and missile guidance.





F-15 Eagle



AV-8A Harrier

# C-130 Hercules

One of the featured attractions today will be the aerial demonstration of C-130 Hercules aircraft flying in formation. After breaking from the formation, one of the transports will airdrop cargo while another makes a Low Altitude Parachute Extraction System delivery.

The C-130, which is the type of aircraft flown here, is in its 25th year of service with the Air Force. It performs the tactical portion of the Military Airlift Command (MAC) mission, with the strategic airlift provided by the C-141 Starlifter and the C-5 Galaxy.

While the all-jet C-5/C-141 force is tasked with cargo and troop delivery worldwide, the C-130 is used primarily in the tactical airlift role in the forward combat areas. The aircraft is capable of operating from rough, dirt strips

and is the prime transport for air-dropping men and equipment into hostile areas.

Because of its relatively small size yet large load capability, the C-130 is also ideally suited for disaster relief missions.

In early February, of 1977, MAC C-130s participated in relief efforts for snowbound Buffalo, N.Y. More than 300 persons and equipment were airlifted via C-130s to help fight one of the most severe snow storms in that city's history.

Also used as an aeromedical evacuation aircraft from hostile areas, the C-130s can accommodate 74 litter patients with two medical attendants. Sick or wounded personnel then can be transferred to C-141 aircraft for airlift to military hospitals in the United States.

## AV-8A Harrier

The Marine Corps AV-8A jet was named by its British manufacturers for a type of hawk that is capable of soaring at high speeds and making deadly, accurate attacks on its prey. The "Harrier" is, therefore, an apt name for this aircraft. Not only can it fly at near-supersonic speeds, but it can also aerodynamically brake to a midair halt in seconds, hover, fly backward and maneuver sideways.

This unusual jet provides an essential element of the Marine Corps air-ground team. The Harrier has appeared in numerous air shows and other events across the country, and millions of spectators have marveled at public demonstrations of its diverse capabilities.

Unlike conventional jet aircraft which are propelled by a single fixed jet exhaust per engine, the

thrust from the Harrier's single engine is vectored through four separate nozzles, two on each side of the aircraft. By controlling the angle of those nozzles, the pilot can vary his take-off and landing distances from several thousand feet to zero.

The ability of the Harrier to operate from expeditionary landing sites, short airfields, sod fields, aircraft carriers, and amphibious ships enables it to better perform its primary mission as a ready source of close air support of Marine infantry units in forward positions.

The AV-8A concept represents a practical solution to the problem of vulnerability associated with large airfields in a combat zone, while providing Marine ground commanders with a ready strike power required in modern conventional warfare.

## Crowds will be restricted

All visitors at the Open House will see ropes between the viewing areas and the flightline runway. These ropes are placed there to keep people a safe distance from the aerial demonstrations.

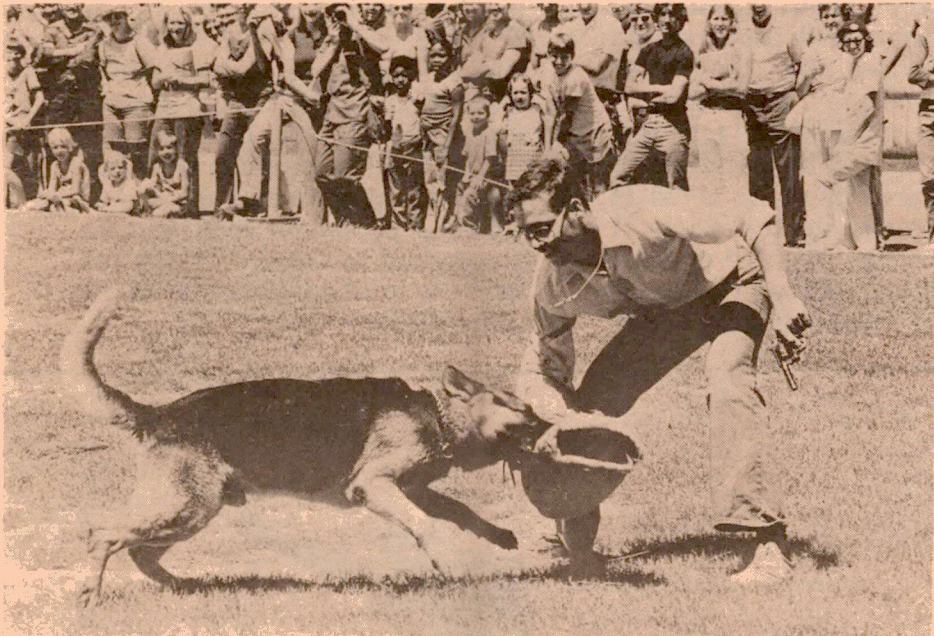
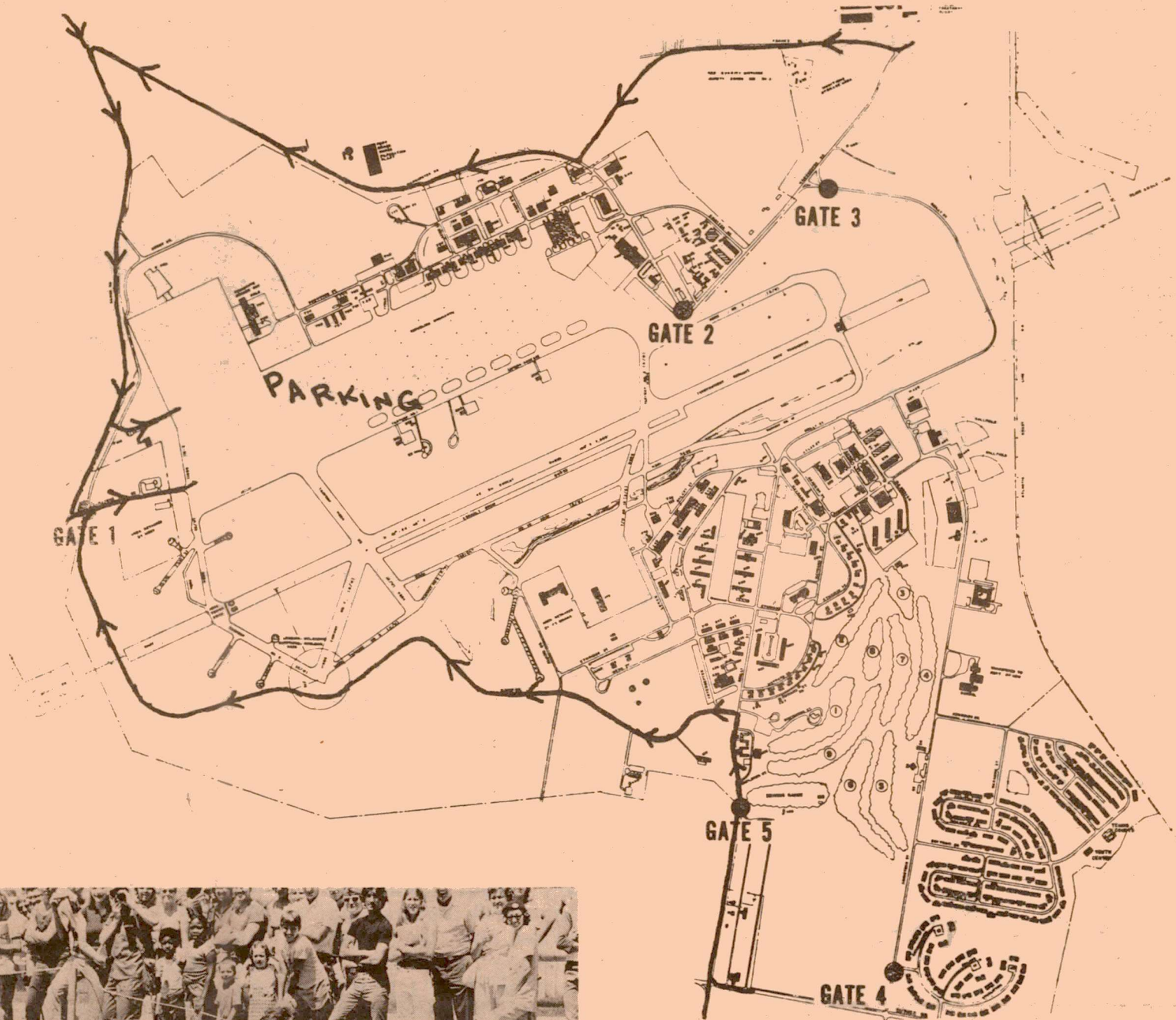
FAA Regulations require a 1,500

foot clear zone during any air show. This area is marked by the ropes. Everyone is reminded that these ropes are here for a very important purpose and should not be crossed for any reason. Everyone should stay behind the ropes.



The Pope Combat Control Team





The Military Working Dog Section demonstration

USAF photo by TSgt. Larry Enloe

## Schedule of events

- |            |  |
|------------|--|
| 11 a.m.    | Tactical Airlift Command Band.                       |
| 11:20 a.m. | Security Police Military Working Dog Section.        |
| 11:30 a.m. | 82nd Airborne Division Stage Band.                   |
| Noon       | C-130 Hercules Demonstration.                        |
|            | Low Altitude Parachute Extraction System.            |
|            | Cargo Airdrop.                                       |
|            | Pope Combat Control Team.                            |
| 1 p.m.     | Army Golden Knights Parachute Demonstration.         |
| 2 p.m.     | F-15 Eagle Demonstration.                            |
| 2:15 p.m.  | Security Police Military Working Dog Section.        |
| 3 p.m.     | B-52 Stratofortress and KC-135 Stratotanker flyover. |
| 3:20 p.m.  | Formation of four F-4 Phantoms flyover.              |
| 3:30 p.m.  | 82nd Airborne Division Stage Band.                   |
| 4 p.m.     | AV-8A Harrier Demonstration.                         |
| 5 p.m.     | Open House closes.                                   |



Airlift transport aircraft on display

USAF photo