



THE PATRIOT



439TH TACTICAL AIRLIFT WING

WESTOVER AIR FORCE BASE, MASS.

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Westover readies for CONDOR REDOUBT

By MSgt. Larry Lentz

Reservists are coming! More than 2,000 of them. They'll be at Westover between Aug. 15 and Aug. 29. Along with members of the 439th TAW, the Reservists from units across the country will take part in CONDOR REDOUBT '81 — the largest Air Force Reserve exercise ever held.

During the peak period of activity, the weekend of Aug. 21 to Aug. 23, 100 aircraft, representing at least 16 types, will be involved in flying activities, including tactical airdrops and special operations tactics.

On the ground, 1,000 medics from Westover's 74th AES and every medical Air Force Reserve unit will conduct the largest aeromedical exercise ever held. They'll receive classroom training in combat medicine, using the facilities of a nearby college. Meanwhile, other Reservists will carry out their duties dressed in chemical warfare garb.

"All these activities will begin with a telephone notification of all 55,000 Air Force Reservists," explains Maj. Robert McMillan, CONDOR REDOUBT's project officer. "For most, the exercise will end after they notify their units. For those assigned to more than 100 designated units, it is just the beginning."

REDOUBT tests the reserve forces' ability to quickly mobilize to meet a simulated emergency. Exercise participants will deploy from their home stations for Westover. They'll join personnel of the 439th to form the 414th (Provisional) Composite Wing. The temporary unit will be commanded by

Brig. Gen. Donald Haugen, 439th TAW commander.

Westover will be the main operating base for flying operations covering the northeast United States and Labrador, Canada.

Missions will be flown by most of the aircraft types in the Air Force Reserve inventory, including F-4s, F-105s, A-10s, A-37s, C-5s, C-7s, C-9s, C-123s, C-130s, C-141s, KC-135s, HC-130s, WC-130s, UC-123s, as well as HH-3E helicopters.

"Plans call for intensive air activity

besides the air drops of more than 1,000 paratroopers from the Army's 10th, 11th and 12th Special Forces," Major McMillan continues. "There also will be a long-range airborne assault of 100 troopers from Lajes Field in the Azores. This is a nonstop airlift from an island base ending in the airdrop at Westover's drop zone."

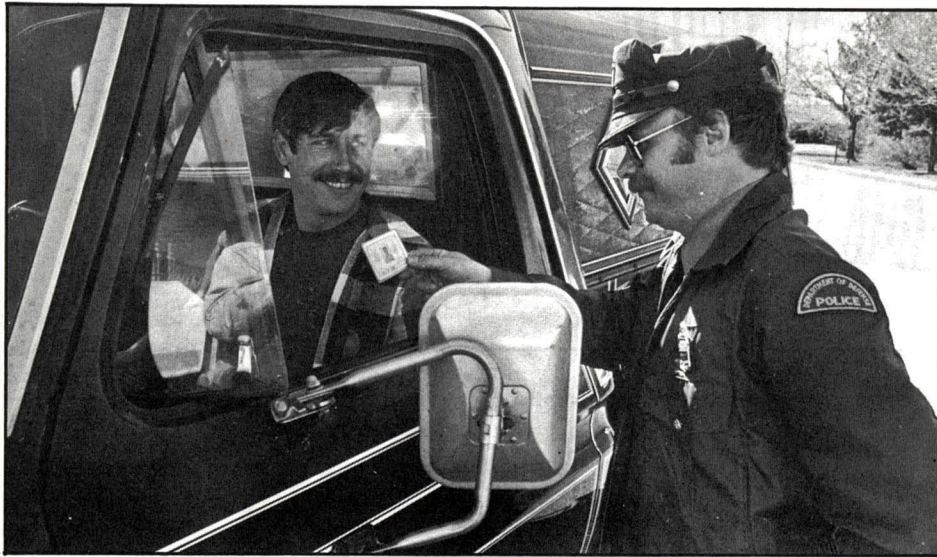
From Westover, other aircraft will head north to Goose Bay. There will be nine C-123s, five from the 439th, and nine C-130s from eight C-130 units.

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A member of Westover's flightline security force captures an "enemy", played by a Mass. ARNG soldier. (Photo by SSgt. Peter Maille.) (See story on page 3.)

Westover cops award



Officer David E. LaVallie, Westover Security Police, checks the ID card of P02 Al Yarner, Navy instructor, at the Fairview gate. (Photo by TSgt. Marshall Hathaway)

The 30-member Department of Defense law enforcement unit at Westover was selected as the 1980 AFRES DOD guard unit of the year.

The Westover security force competed against 34 other AFRES guard units for the annual honor.

"Since my arrival here four years ago to the present, I have seen tremendous progress made in all areas of security and law enforcement, which, from a meager beginning, has blossomed this year into a truly outstanding, cohesive, well-trained force," Col. J. Frank Moore, base commander, wrote in his recommendation letter. "In addition to the sheer magnitude of this team, no other guard force deals with the complexities of concurrent jurisdiction, excess property, lack of perimeter boundaries and a large housing area."

The Security Police provide support to a wide range of highly visible activities in addition to the day-to-day jobs.

The policemen man the base's three gates, provide pass and identification service, protect all government land and property, maintain flightline security, and assist in the training of

Our condolences are extended to the family of SrA. Deborah A. Gallagher of the 731st TAS, who was killed in an automobile accident on April 3.

Reservists. The unit also coordinates or directs base information security, stop loss, crime stop, traffic safety and disaster preparedness programs.

Briefs

Thanks to a crew from the 731st TAS, there was a popular new edition to the 30th annual St. Patrick's Day Parade in Holyoke on Sunday, March 22. The Navy's parachute demonstration team, the **Chuting Stars**, was dropped from a C-123 over Crosier Field to the delight of the thousands of onlookers, signaling the start of the nearly four-hour long parade. Crew members were **Maj. James P. Gallin**, aircraft commander; **Maj. Charles S. Joslin, Jr.**, copilot; **Capt. William E. Mikolasy, Jr.**, navigator; **TSgt. Victor C. Park, Jr.**, loadmaster; **TSgt. John J. Gallagher**, flight mechanic and **AB John T. Hurst**, loadmaster.

A brigade of 55 members of the 439th TAW, commanded by **Lt. Col. Joseph A. Hellauer**, is scheduled to represent the Air Force Reserve in the Northampton (Mass.) Loyalty Day Parade on Sunday, April 26. An additional highlight is a flyover of A-10s from Barnes' 104th TFG and a formation of Army helicopters.

74th AES hosts workshop

The 74th AES played host to its sister units from Pittsburgh and Niagara during a three-day management workshop at Westover, March 27-29.

The conference was the first time that representatives from the 439th's three aeromedical evacuation units have met to discuss matters of mutual concern.

According to MSgt. Vincent McCrave, the 74th's NCOIC for nursing services, 11 reservists from the 70th AEF at Niagara, and six members of the 33rd AES at Pittsburgh, conferred with their Westover counterparts during the sessions.

"We had a good exchange of ideas, problems and solutions, and all of the participants felt it was a very worthwhile weekend," Sergeant McCrave said. "The workshops stressed management techniques, and we discussed how to maximize training opportunities."

As a result of the meetings, the three units are now exploring the possibilities of future joint training, and of sharing certain expensive, specialized equipment.

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439 TAW Commander

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Base Commander

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Wing Public Affairs Officers

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Capt. Richard Dyer

Base Public Affairs Officer

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SrA. Donna M. Stewart

A1C. Paul Graveline

Westover has a big mock attack



Clockwise from above: Members of the Mass. Army National Guard, Holyoke, prepare for an assault on Westover's perimeter. SSgt. Ozias Schwartz stands guard over an imaginary flightline. SSgt. Jessie Howard waits for the "enemy" to appear. Sergeants Schwartz and Howard are assigned to the 905th WSSF. (Photos by TSgt. Marshall Hathaway and SSgt. Peter Maille.)



by MSgt. Gerard Farrell, 901st WSSF and TSgt. Dean Mauro, Patriot Staff

The sharp crack of M-16 rifles and the sound of M-60 machine guns shattered the early Sunday morning quiet. The dull thud of artillery and ground burst simulators shook the ground as camouflaged troops bolted through the wooded area. The defense of Horizon Air Force Base had started.

The heavily armed aggressors were attempting to pierce the base perimeter to destroy enemy aircraft and gather information to take back to their headquarters. Defense reconnaissance patrols go out to discover the enemy position and attack. The patrols report the terrorist strength includes the highly accurate tow guided missiles.

The battle scene was Westover AFB during the 439th TAW April UTA. The attackers were members of the Massachusetts Army National Guard, commanded by Capt. Richard Bourgeles; and the defenders were Westover's 905th WSSF directed by Capt. Frank McCormack. From pre-

dawn to late afternoon, the realistic battle exercise raged. The goal was "hands-on" training for the reservists and guardsmen.

"It's the Air Force's responsibility to defend its bases from attack," MSgt. Gerard Farrell, 905th WSSF security supervisor, said. "At Westover, it is the job of weapons security flights. This exercise gave us the chance to experience what an actual attack might be like and to learn from it."

The 25 members of the Westover weapons security flight and the guardsmen from the 1st Battalion, 104th Infantry Combat Support Company, Massachusetts Army National Guard, were primed to make the day-long adventure as real as possible.

"It was the whole nine-yards," Sergeant Farrell said. "There were the hand-directed tow missiles which are guided by an individual; light anti-tank weapons; booby traps; everything. And both sides were trying their best to succeed at their mission."

Two "deuce and a half" trucks

parked on an unused section of the airfield represented the aircraft which the guardsmen sought to destroy.

Members of the 905th WSSF were positioned along the simulated flight line to guard against the "friendly" adversaries. Patrols hunted for the soldiers who sought to crack the defense.

The mock battle reached its peak in early afternoon when the two units clashed full force.

"This provides us training in many areas," 2nd Lt. Steven Wajciak, guard intelligence specialist, said. "We covered squad and individual movement techniques, the platoon raid, reconnaissance patrol and snatch patrol where the opponents are captured and held prisoner."

Referees judged the effectiveness of both units.

"Both units received invaluable training from the exercise," Sergeant Farrell said. "Training that would have been difficult to obtain otherwise. The infiltration exercise made us both better able to do our jobs."



Mister Vice, 1st Lt. Clifford Turcotte toasts the ladies.

Photos by TSgt. Marshall Hathaway



Lt. Col. Jerry Bryant presides over the mess.



At attention for the posting of the colors are, from left, Col. and Mrs. Paul Huffman, Col. and Mrs. James Thomas and Mrs. Roy Ayers.



Maj. Lyle West
Outstanding Officer
of the Year



Chaplain (Capt.) Francesco Passamonte gives the award to Mrs. Myrle B. Langley, Maj. Gen. Stephen Keefe.

Officer's Dining-Out

The location was different, but the tradition remained the same as 225 officers and their guests held their Seventh Annual Dining-Out at the nearby Knights of Columbus Hall in Chicopee, on Saturday, April 4.

Their festivities were highlighted by its keynote speaker, Col. Paris D. Davis, commander of the 10th Special Forcers Group at Fort Devens and by the presentation of awards.

The chief of the 439th TAW Operations Plans Branch, Maj. Lyle H. West, is the Wing's Outstanding Officer of the Year. He is a C-123 aircraft commander, flight examiner and functional check flight pilot. He also is qualified as a supervisor of flying, drop zone officer and loading zone officer.

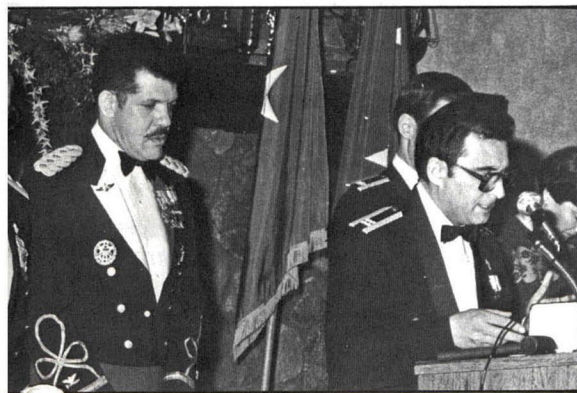
Capt. Kevin M. Wentworth was named the Outstanding Officer Aircrew Member for 1980. He serves the 731st TAS as standardization evaluation flight examiner, instructor pilot, functional check flight pilot and aircraft commander. He accumulated more



Capt. Kevin Wentworth
Outstanding Officer
Aircrew Member



Guest speaker Col. Paris D. Davis, makes a point.



Some other guest at the head table are, from left, Col. Roy Ayers and Col. Paris D. Davis.



As the president of the mess speaks in the background, Col. Roy Ayers, left, and Mrs. and Col. J. Frank Moore listen.

... was special knight

... than 2,400 hours in the C-123s, 400 of which have been in the past year.

Colonel Davis' presentation emphasized the cooperation and the realistic training provided by the 439th. He felt the unit's aircraft were the best in the world to accomplish his type of mission, and praised the unit members as the finest in the Air Force. His talk also included a video tape presentation describing the Special Forces' history starting as three-men infiltration teams in Germany during World War II.

Throughout the evening, the participants' numerous requests for toasts were recognized by the affair's Mr. Vice, 1st Lt. Clifford Turcotte. As is the custom, he, in turn, sought the approval of the Dining Out President, Lt. Col. Jerry Bryant.

Trumpeters from the Fort Devens Army Band of New England had called the guests to the formal dining portion of the evening. Afterward, the entire band serenaded the couples with dance music.



Among those at the head table are, from left, Mrs. Jerry Bryant and Mrs. and Brig. Gen. Donald E. Haugen.

Awards presented at group commander's call

Brig. Gen. Donald E. Haugen presented a variety of awards to Reservists of the 439th CSG at the April UTA Commander's Call.

Ceremonies began with the presentation of two Air Force Commendation Medals.

Maj. Charles T. Hannaford received the medal for his services as base disaster preparedness augmentation officer. Major Hannaford was cited for this professional performance, which contributed to the high degree of operational readiness maintained by Westover's Disaster Preparedness Office.

MSgt. Calvin R. Dyke received the medal for his performance as NCOIC

of the base material facility. Sergeant Dyke's professional service enabled the identification of problem areas in the supply management field, and resulted in the development and implementation of research projects designed to rectify these problems.

Sergeant Dyke, who retired after the April UTA, also was presented a plaque in recognition of his 36 years of dedicated military service.

Teamwork was cited in the next award, a certificate of recognition presented to the 905th CEF, accepted by unit commander Maj. Richard D. Cosgrove.

The award was initiated by Brig. Gen. Allison G. Glover, in recognition

of the civil engineers' performance and assistance at Little Rock AFB during last year's Prime BEEF exercise.

Westover's recruiters continued to make the grade, as evidenced by the presentation of a plaque to TSgt. Edward J. Vail. Sergeant Vail was cited for his accomplishments in the first quarter FY 1981 by being named Top MA Recruiter by 14th Air Force.

Educational achievements of Group members once again came to light, as SMSgt. Paul F. Joachim accepted a diploma from the USAF Senior NCO Academy. The diploma was awarded in recognition of Sergeant Joachim's successful completion of the Senior NCO Resident Course.

337th TAS brings red flag home

by Capt. Bart Cusick

Westover aircrews returned from Nellis AFB, Nev. and Red Flag on 29 March. "After two weeks of dodging exercise MIGs, we are far more capable of surviving in a modern conflict . . . and far more understanding of the saying "experience is the best teacher," stated Lt. Col. Clarence Bryant, squadron commander.

According to Maj. Jerry Budinoff, squadron navigation tactics officer, "In the past, we trained to accomplish our mission through defenses primarily aimed by the human eye. Past wartime

casualties were highest during the first few missions. Today we are preparing to win, and return home again, from a far more lethal combat environment."

At Red Flag, more than 25 members of the 337th TAS matched their skills against electronic replicas of defense systems they might meet in combat. The anti-aircraft guns, missiles, electronic warfare emitters and fighter defenses acted and looked real. The operators of the sophisticated "enemy" equipment were well versed in tactics often used by Warsaw Pact countries.

Our crews returned. At first because they were only hit by the electronic eye of a TV camera. After the first few missions, they returned because they were a lot smarter, noted Major Budinoff.

In the words of MSgt. Steve Gates, loadmaster and 337th spokesman, "We've got the feeling of being one more step ahead in knowledge — knowledge that will help our crews and aircraft accomplish the mission and survive . . . in the environment of hostile electronic warfare — and in spite of the weapons systems used by potential enemies.

REDOUBT '81 . . .

(continued from page 1)

They'll join five HC-130s, one HC-130N and two HH-3Es from March AFB and Selfridge ANGB's Reserve units. The Reservists will form three provisional squadrons, a C-123, a C-130 and a rescue squadron and will focus on low-level tactical flying, using unimproved assault landing strips, and actual rescue surveillance and support.

"The scope of the exercise almost is mind boggling," says Major McMiland. "Every type of unit mission in the Air Force Reserve is included, which covers a geographic area the size of western Europe. For two weeks, Westover will be the nucleus of this Air Force Reserve exercise.

"CONDOR REDOUBT brings another benefit to the 439th. It will con-

vincingly demonstrate to AFRES, to the Air Force, the Department of Defense and through the media, to the public, the true capabilities of Westover as a major base and the unexcelled

preparedness of Air Force Reserve forces.

(An article in next month's Patriot will highlight behind the scenes planning as REDOUBT draws near.)

Life support teaches survival

Two members of the 439th TAW air crew life support section took part in a Federal Aviation-sponsored seminar held at the Holyoke Holiday Inn in early April.

TSgt. Paul LaRochelle and TSgt. Sharon Williams described post-crash survival techniques to the approximately 60 people in the audience.

The two Westover Reservists talked about survival kits, different survival situations, aspects of self-aid and being located by rescue forces.

The FAA asked the Westover Life Support Section to send representatives to the seminar, attended by the general aviation public, because of the unit's expertise in the field.

Air Force Assistance Fund drive underway

Lt. Col. Edward J. Seilius, director of personnel for the 439th CSG, reminds Westover personnel of their opportunity to support the Air Force Assistance Fund. Contributions support three organizations — Air Force Aid Society (educational benefits and loans), Air Force Village (retirement complexes for officers, located in San Antonio) and the Air Force Enlisted

Widows Home (retired enlisted members and their spouses, located at Fort Walton Beach, Fla.)

Donations may be to any of the three choices within the fund. Checks or money orders only, will be accepted by Colonel Seilius, or should be mailed to: Air Force Assistance Fund, Randolph AFB, TX 78148.

Joachim completes NCO school

It would be an understatement to say SMSgt. Paul F. Joachim, a 30-year Air Force veteran, found the Air Force Senior NCO Academy rewarding.

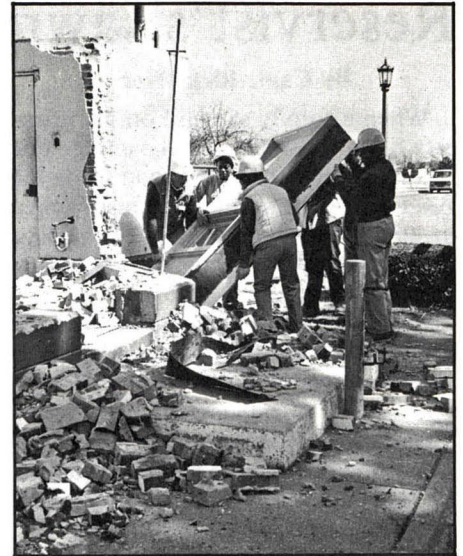
"I wish every senior NCO could go," the chief of operations and maintenance for the 901st CES said. "It was the greatest experience of my Air Force career."

From January 6 to March 4, Ser-

geant Joachim learned communications and management skills and productive force employment techniques at the Gunter AFS, Ala. based school.

"I don't know how they did it, but they taught it all in those two months," he said.

The sergeant joined the Air Force in 1951 and has been a member of the Reserve since 1954.



Westover Job Corps Center students remove the door from the last remaining wall as they dismantle the guard house at the former main gate entrance to the base. (Photo by Betty O'Connell)



PROMOTIONS

MSgt. Paul W. Adkins
 MSgt. Frank A. Brown
 MSgt. Martin T. Condon
 MSgt. Vincent P. Depillo
 MSgt. Richard A. Emond
 MSgt. Edward R. Guenther
 MSgt. Leigh J. Keohan
 MSgt. Richard S. Kurek
 MSgt. Garth O. Parker, Jr.
 MSgt. Martha C. Shea
 MSgt. Bartholomew C. Stuart
 MSgt. Thomas M. Troy
 TSgt. Susan L. Adamchak
 TSgt. Michael C. Albert
 TSgt. William B. Bowen
 TSgt. James A. Bray
 TSgt. Mark W. Brindle
 TSgt. Lester H. Eldridge
 TSgt. Paul R. Harrison
 TSgt. Kevin Heath
 TSgt. Larry A. Helmer
 TSgt. Roxann J. Henry
 TSgt. Steven R. Hoadley
 TSgt. Lynn M. Johnson
 TSgt. James A. Lacroix
 TSgt. John B. Langevin
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 SSgt. Roberto Diaz
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 Sgt. Chris J. Cortigiano

Sgt. Ronald M. Kapinos
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 A1C. Matthew Skot
 A1C. Kathleen E. Silva
 A1C. Thelma S. Stancil
 A1C. Michael A. Willard
 A1C. William P. Wood

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 MSgt. Albert R. Breton
 MSgt. Wilbur J. Hunt, Jr.
 MSgt. Mary L. Paradise
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 TSgt. Patrick J. Devens
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 TSgt. Teresa M. Testa
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 A1C. Debra J. Haynor
 A1C. Victor M. Santiago
 A1C. Robert J. Shaw
 A1C. Terry P. Smith
 Amn. Kenneth J. Towsley

Reservist's sawmill sets energy officials buzzing

By Capt. Rick Dyer

When a family sawmill on his property became crippled by the energy crisis, TSgt. Richard Alix began using his Air Force Reserve pay and his Yankee ingenuity to convert a gas-guzzling operation into a model of efficiency and conservation.

Sergeant Alix, a vehicle maintenance supervisor with the 901st MAPF, had to shut down the lumber mill which he operated as a sideline on his 25-acre farm in Rowe, Mass. several years ago when energy prices began to skyrocket.

"The mill's gasoline engine required 10 gallons an hour and it became much too expensive to operate," he said. "I had previously seen steam-powered sawmills, so I began thinking about converting."

Sergeant Alix was no stranger to the concept of steam power. In civilian life, he's an instrumentation control technician with Yankee Atomic Electric Company in Rowe, and he served on active duty in the Navy. He knew that wood waste product from his mill could be turned into steam which would power the operation, thus eliminating its dependency on fossil fuels.

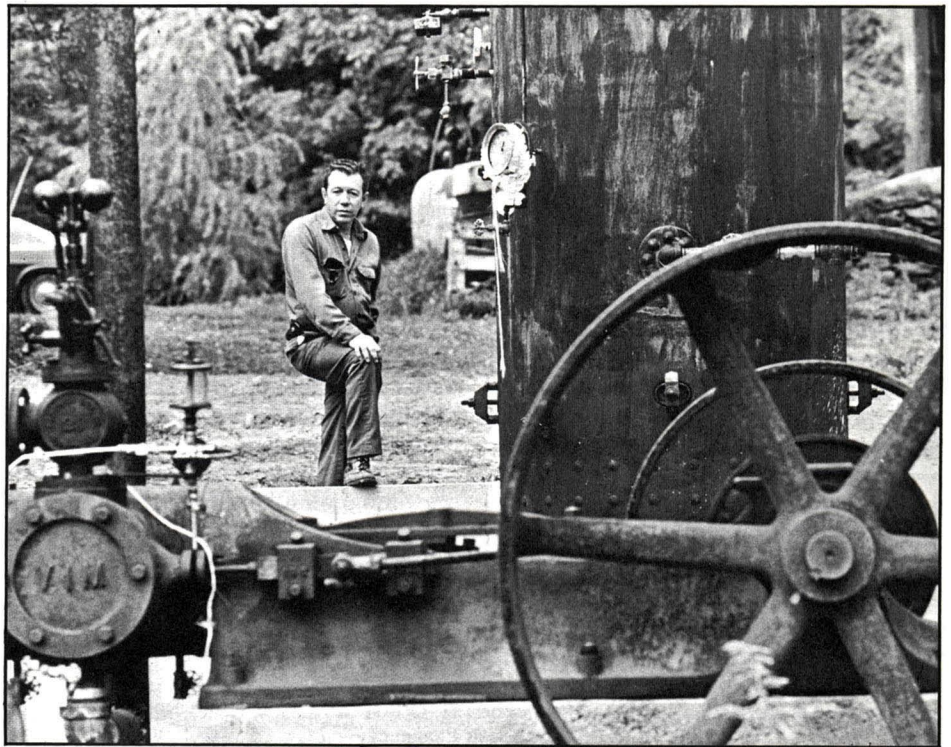
With the concept in mind, Dick Alix set out to turn the theory into working reality.

He purchased a steam boiler from a nearby laundry. He found a 57 year-old, 50-horsepower steam engine in West Leyden, N.Y., and he located a turbine generator. He also began constructing a 40-foot by 48-foot building to house the steam apparatus.

The sergeant invested about \$20,000 of his money in the project, but funding was still a problem.

"I learned that the federal Department of Energy was awarding grants to individuals and non-profit organizations who had innovative, energy-saving projects," he said, "so I decided to apply."

He found that his attempt at grantsmanship was even more difficult than building the steam-powered mill. It took two tries, a mound of paperwork and the assistance of a friend, but in September of 1980, Sergeant Alix was awarded a \$19,614 grant from DOE for the conversion effort. His project was one of only 19 in Massachusetts which qualified for the federal assis-



TSgt. Richard Alix inspects his personally-built steam powered saw mill. (Photo courtesy Greenfield (Mass.) Recorder)

tance.

Sergeant Alix, assisted by his son, Brian, now has the mill nearly operational. Brian is a member of the 731st TAS, and the two have spent a great deal of their spare time working together on the project.

Approximately 90 percent of the piping has been installed, and the elder Alix hopes to have the saw mill buzzing by May.

When everything is connected, the 15-ton, 500 gallon-boiler will fuel the engine, which in turn will operate the lumber mill machinery.

The entire operation will be self-sustaining and require no fossil fuels

whatsoever. Waste products and scraps from the lumber being sawed and processed will power the steam boiler.

In addition, excess steam from the mill operation will completely heat Alix's 200 year-old family home.

The 49-year-old reservist said that for the time being he will operate the mill with Brian on a part-time basis, but envisions that it will turn into a "retirement venture" for him.

"Basically it's a simple concept, but the energy savings alone will be astronomical," he said. "It's also very exciting to think that we've been able to follow through on an idea and turn it into an operational reality."

HQ 439TH TACTICAL AIRLIFT WING (AFRES)
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