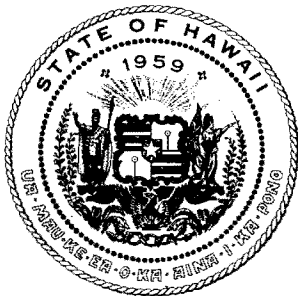


**ANNUAL REPORT  
FISCAL YEAR 1980**



**DEPARTMENT  
OF DEFENSE**



HONORABLE GEORGE R. ARIYOSHI  
GOVERNOR OF HAWAII

*Dear Governor Ariyoshi:*

*Throughout fiscal year 1980, the Department of Defense was called upon to perform its mission of service to Hawaii. National Guard units and Civil Defense responded effectively and promptly to these calls for assistance.*

*The Hawaii Army National Guard continued to grow and improve its readiness status. Annual training this year further strengthened our ties with the regular Army. This rapport has permitted us to maintain a vital role in the nation's defense network while continuing to serve the people of the islands.*

*The Hawaii Air National Guard remains the only unit in the nation presently assigned the responsibility for the air defense of a given area. They provide around-the-clock protection for the island chain. Numerous national awards and citations, plus a highly successful deployment to Guam and Japan, have proven the stature and readiness of the Hawaii Air National Guard.*

*Civil Defense moved into Birkhimer Tunnel, a modern, consolidated emergency operating center in Diamond Head Crater. The staff responded to an unprecedented number of state emergencies during the year, assisting the counties with their recovery operations and aiding disaster victims.*

*As we enter the new fiscal year, our expectations are for continued growth and dedication to our missions and the people of Hawaii.*

*Respectfully submitted,*

VALENTINE A. SIEFERMANN  
MAJOR GENERAL, HANG  
ADJUTANT GENERAL

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# Hawaii Department of Defense

## Mission

The Hawaii Department of Defense plans and provides for the defense, safety, and welfare of the people of the state. The department is ready to take appropriate action in case of war or disasters, whether natural or man-made.

## Organization

The Department of Defense is composed of three divisions — State Civil Defense, Hawaii Army National Guard, and Hawaii Air National Guard. The Hawaii Army and Air National Guard combine to form the Hawaii National Guard. Additionally, the Pacific War Memorial Commission is assigned to the department for administrative purposes.

The department is headed by a single executive known as the adjutant general, who is commander of the Hawaii National Guard, director of Civil Defense, and a member of the Governor's cabinet.

## Personnel

There are three categories of departmental personnel: full-time employees of the state, full-time employees of the federal government, and drill-status members of the Hawaii National Guard who participate one weekend a month and for 15 days of training annually.

## Hawaii National Guard

In peacetime, the personnel of the Hawaii National Guard have a dual mission. Primarily, they are members of the organized militia of the state, and, as such, are under the command of the Governor. In such status they can be ordered to state active duty by the Governor when required. Concurrently, they are members of the reserve component of either the Army or the Air Force, depending on their branch of service. In that capacity, they can be ordered into federal active service by the President for national emergencies.

The state mission is to provide personnel trained and equipped to function when called to state active duty to protect life and property as well as preserve peace, order, and public safety as directed by state authority.

The federal mission is to provide the Army and Air Force with reserve units trained, equipped, and ready for call to federal active duty by the President in a national emergency.

## State Civil Defense

State Civil Defense has two missions of equal importance. One mission is to minimize loss of life and property damage, restore essential public services, and expedite the recovery and rehabilitation of individuals in the event of natural disaster or mass casualty situations. The other mission is to provide for the welfare and safety of survivors, insure continuance of civil government, and mobilize and manage the total resources and production of the state in the event of nuclear war.



# Hawaii Army National Guard



—Photo by Capt. Gregg K. Kakesako

**Mission**

The Hawaii Army National Guard continually trains and stands ready for state or worldwide duty. Their mission is to be prepared should either the Governor or the President order them to active service.

Continued improvements in operations and the increased use of modern and diverse training methods were among the prominent accomplishments of the Hawaii Army National Guard during fiscal year 1980.

The 29th Infantry Brigade and the Headquarters Installation Command comprise the two major commands of the Army National Guard in Hawaii.

**Strength**

End-of-year assigned strength was 3,468 officers and enlisted personnel. This strength was 85.6 percent of the 4,053 authorized positions.

Strength, by islands, as of the end of the fiscal year, was as follows:

Oahu	2,390
Hawaii	599
Maui	217
Kauai	227
Molokai	<u>35</u>
Total	3,468

A comparison of assigned versus authorized strengths is provided below:

	<b>Assigned</b>	<b>Authorized</b>
Officers .....	265	324
Warrant Officers .....	99	114
Enlisted Personnel .....	<u>3,104</u>	<u>3,615</u>
Total .....	3,468	4,053

**29th Infantry Brigade**

The 29th Infantry Brigade includes a Headquarters and Headquarters Company, the 1st and 2nd Battalions of the 299th Infantry, and the 487th Field Artillery Battalion.

The 29th Infantry Brigade continued its major role as the designated roundout force for the 25th Infantry Division based at Schofield Barracks. Under the roundout program, which Hawaii was a leader in implementing, the 29th Infantry Brigade, upon federalization by the President, becomes the third brigade of the 25th Infantry Division. This roundout status has produced a very close relationship between the Hawaii Army National Guard and its active United States Army counterpart.

The 25th Infantry Division has provided the guidance and necessary training to enhance the brigade's combat readiness. In addition, under the roundout program, the Army has matched its individual units with comparable ones in the 29th Infantry Brigade, giving both organizations the flexibility to share personnel, materiel, and training.



*Troops of the 1st Battalion, 299th Infantry, at the United States Army's air assault school.*

### Headquarters Installation Command

The Headquarters Installation Command is the second major command of the Hawaii Army National Guard. It also continued to initiate improvements to upgrade its readiness. It functions as the command and control element for combat and support units of the Hawaii Army National Guard.

Headquarters Installation Command units provided logistical support to all Army Guard units during annual training. Among its duties were ground and aerial reconnaissance and fire support, engineering, supply, and repair and maintenance of all equipment. Transportation, medical care, and food services, to name a few, were also among the organization's many tasks.

### Annual training

The Hawaii Army National Guard's annual training session took place in August 1979 and required the movement of large numbers of troops and equipment between the islands. Infantry units were stationed at Schofield Barracks and in the Kahuku Hills training areas. Artillery units and mortar platoons were deployed to the Pohakuloa Training Area on the island of Hawaii.

As provided for under the roundout program agreement, Army Guard units were placed under the operational control of the 25th Infantry Division. This created a command environment which closely resembled an actual mobilization.

In addition, the United States Army Reserve's 100th Battalion, 442nd Infantry, which traces its lineage to its renowned predecessor of World War II, was placed under the operational control of the 29th



*Proper maintenance ensures that the Hawaii Army National Guard attains a high equipment readiness rate.*

Brigade for the period of annual training. Under the roundout program, the 100th Battalion would also become a unit of the 25th Infantry following federal activation.

Mortar and artillery training at Pohakuloa was highlighted by the firing of live rounds, from multiple positions, on a central target. This exercise, called "Time on Target," required all projectiles to hit a given target at precisely the same time. The highly successful completion of this mission attested to the preparedness of the Hawaii Army National Guard personnel.



*Ground crew members are an essential element of the aviation program.*



## Deployments

Members of the 29th Infantry Brigade and Headquarters Installation Command took part in overseas deployments with members of the 25th Infantry Division and allied armed forces organizations. Any movement of troops and equipment — particularly across oceans — is an immense task. The Hawaii Army National Guard proved its capabilities in this area.

Personnel from the command and staff element of the 29th Brigade's 299th Infantry Battalion took part in a computer-assisted map maneuver system exercise in New Zealand. In addition, five enlisted Hawaii Army Guard members were invited to participate in an exchange program with Australian and New Zealand troops in February and March, 1980.

Colonel Louis W. Perry Jr., brigade commander, was selected to participate in North Atlantic Treaty Organization training in April. This training is designed to keep commanders abreast of European operations, foster working

relationships with Army officers, and improve military proficiency. Colonel Perry and other Army National Guard commanders were familiarized with European geography and terrain as well as current tactical plans, logistics, maintenance, communication, transportation, and host-nation support operations and plans.

In July 1979, 130 members of the 292nd Supply and Service Company, Headquarters Installation Command, were assigned and sent to the United States Army's 291st Support Command in Mannheim, Germany. By so doing, it became the first Hawaii Army National Guard unit to perform its annual training in Europe. The unit was commended for its outstanding performance.

Finally, 10 personnel of the 292nd Supply and Service Company took part in Team Spirit, a joint exercise conducted in Korea in March 1979. The participants, members of the Laundry and Bath sections, were also cited for their outstanding performance.

## Aviation

The Army's increasing reliance on helicopters for troop transportation and fire support required a corresponding increase in the proficiency of the Hawaii National Guard's aviation unit.

This fiscal year, attention was directed at improving flight safety, aerial gunnery, and flight standardization.

Aircrews reviewed basic flight skills while maintenance and other ground personnel were challenged to maintain all aircraft at peak readiness condition.

The Army Aviation Support Facility at Wheeler Air Force Base, which oversees this operation, sponsored a special safety class for commanders, aircrews, and other personnel. Instructors included active Army fliers, a flight surgeon, and a representative of the helicopter manufacturer.

## Safety awards

Attention to safety resulted in noticeable dividends. Troop E, 19th Cavalry, received the Department of the Army's aviation accident prevention award based on the unit's 12 months of accident-free flying. The Army Aviation Support Facility and the 29th Brigade's Aviation Section received an aviation accident-prevention award of honor from the Army Department for 36 months of accident-free flying.

All aviators in the aero weapons platoon were deemed qualified in the operation of the AH-1G Cobra gunship and its associated weapon systems. Special training at Pohakuloa Training Area provided a challenging experience for the aircrews as they flew their ammunition-heavy helicopters in the high altitude ranges of the region. Helicopter crews also had a first-time opportunity to fire at night, their targets illuminated by flares fired by fellow Guard members from the 487th Field Artillery.



*AH-1G Cobra helicopters provide aerial fire support in combat operations.*

The aero rifle platoon increased its versatility by successfully completing the rigorous air assault course. Nineteen members of the platoon received the coveted Department of the Army air assault badge for their performance.

The aero scout platoon also benefited from rigorous training. Crew chiefs received intensive map reading and threat training instructions before being required to prove their abilities in the air. The result was the qualification of OH-58 helicopter crew chiefs as nap-of-the-earth navigators.

### Maintenance

The extensive activities of the Hawaii Army National Guard, combined with the adoption of newer, more complex weapons and equipment, required a backbreaking effort from the staff of the State Maintenance Office. This office maintains all military ground surface equipment issued to the Army Guard.

A full-time staff of 88 persons employed at various maintenance shops throughout the islands was charged with the responsibility. Over 107,000 man-hours were expended in repairs and maintenance, enabling the Guard to attain an equipment readiness rate of 96 percent.

The introduction of the latest anti-armor weapon system (nicknamed TOW: tube-launched, optically-tracked, wire-guided) into the Guard required that the maintenance units develop the ability to test, repair, and verify the system. To keep abreast of this system and related developments, maintenance personnel attended training classes in Hawaii and on the mainland.

*The TOW anti-tank weapon is one of the most modern weapons in the Army National Guard's arsenal.*



*During annual training, infantrymen are taught to rappel from helicopters.*



### Training and education

Sixteen persons graduated from the Hawaii Army Guard's Officer Candidate School, which prepares eligible warrant officers and enlisted personnel to become officers. Mark E. Logan was the top student, receiving the distinguished graduate, leadership, and physical training awards. Angela Gibson was the most improved candidate and Daryl G. Hong took academic honors.

Sixty-seven Army Guard members completed the 100-hour, Non-Commissioned Officer School curriculum. Specialist 5 Carl D. Halstead and Sergeant Miles Y. Ishizaki were the distinguished graduates.

### U.S. Army Advisors

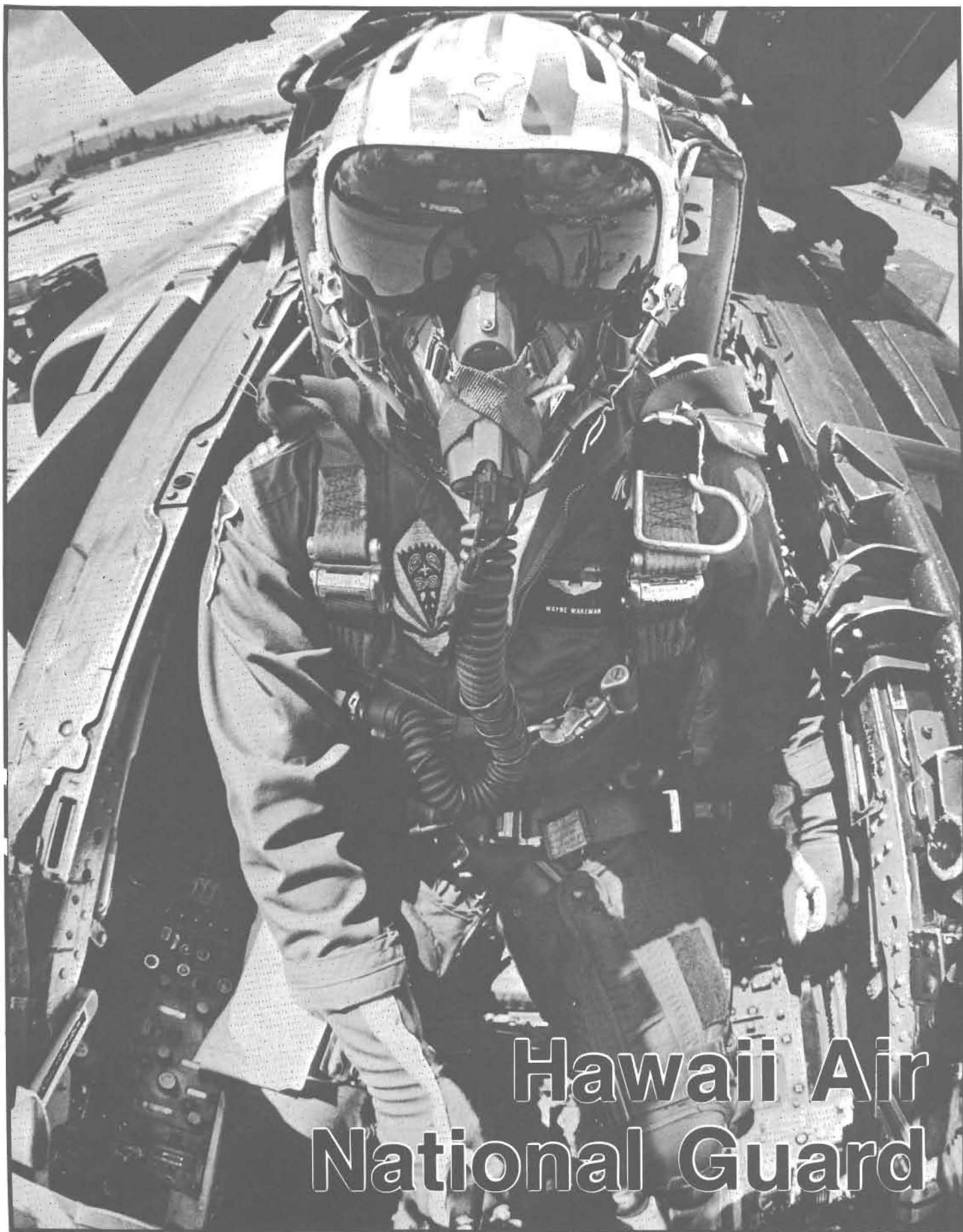
The Hawaii Army National Guard is assigned United States Army advisors who provide operational guidance and serve as liaisons between the Guard members and the regular Army.

Senior advisor was Colonel Les S. Ihara, who is attached to the Army's Western Command at Fort Shafter. Seven additional officers were assigned to various Army Guard units. Their names and assignments are: Lieutenant Colonel John D. Walker, 29th Infantry Brigade; Major Norman M. Sarff, 1st Battalion, 299th Infantry; Major Walker D. Williams, 2nd Battalion, 299th Infantry; and Major Walter C. Smith, 487th Field Artillery.

Assigned to the Headquarters Installation Command were: Lieutenant Colonel Edward B. Huggins; Major James O. Emerson, aviation; and Major Gene Dziedzic Jr., 159th Service and 297th Supply and Service Battalions.



*The 487th Field Artillery Battalion is a roundout unit to the 25th Infantry Division.*



# Hawaii Air National Guard

—Photo by Dennis Oda



**Mission**

The Hawaii Air National Guard provides Hawaii's around-the-clock air defense, a mission it has handled without interruption for over 20 years. The Air National Guard is composed of a headquarters, the 154th Composite Group, the 201st Combat Communications Group, and the 199th Weather Flight.

**Strength**

End-of-year assigned strength was 1,910 officers and airmen. This strength was 93.7 percent of the 2,037 authorized positions.

Strength by islands, as of the end of the fiscal year, was as follows:

Oahu	1,361
Kauai	227
Hawaii	218
Maui	104
	1,910

A comparison of assigned versus authorized strengths is provided below:

	<b>Assigned</b>	<b>Authorized</b>
Officers .....	204	237
Airmen .....	1,706	1,800
Total .....	1,910	2,037

**154th Composite Group**

A record of achievement and efficiency distinguished the performance of the 154th Composite Group. As the name implies, the Group is a composite of many organizations, including a squadron of F-4C Phantom fighters, two aircraft control and warning squadrons, and several support units.

In recognition of a superb performance record, the 154th Composite Group received the United States Air Force Outstanding Unit Award, covering the period October 1978 to June 1979. The award was presented by Lieutenant General James D. Hughes, commander-in-chief of the Pacific Air Forces.

The 154th Composite Group was the National Guard Bureau's only nominee in the prestigious Hughes Trophy competition. This annual award for excellence is presented to an Air Force or Air National Guard unit anywhere in the world that has an air defense objective. The Group came in second. Further reflecting its enviable record, the 154th received an Air Force flight safety plaque for accumulating 84 consecutive months of accident-free flying operations.

*Electronics technicians maintain the sophisticated communications equipment used by the 201st Combat Communications Group.*





The 169th Aircraft Control and Warning Squadron, Wheeler Air Force Base, was selected as the Hawaii Air National Guard's outstanding unit of 1979. The squadron, along with the 150th Aircraft Control and Warning Squadron on Kauai, provides the air defense radar network for Hawaii.

The National Guard Association of the United States presented the 169th Aircraft Control and Warning Squadron with its distinguished communications, electronics, and meteorology unit award for exceptional accomplishments during 1979.

The 150th Aircraft Control and Warning Squadron, Kauai counterpart of the 169th, completed its 19th year of operations. The unit, based at Kokee, maintained constant surveillance of Hawaii's western sector, venturing into new training programs to keep pace with its air defense mission.

Squadron personnel plotted over 30,000 aircraft, conducted nearly 5,000 training intercepts, and provided navigational and in-flight emergency assistance. Live and simulated air defense training sessions gave unit members a realistic idea of their roles in the event of an air attack on the state.

In addition, individual honors were accorded 154th Composite Group personnel, Senior Airman Napua N. Sugai of the 150th Aircraft Control and Warning Squadron was recognized as one of six outstanding Air National Guard Airmen of 1979. She was selected from over 80,000 airmen nationwide.

### **201st Combat Communications Group**

The 201st Combat Communications Group and its subordinate units on the neighbor

islands continued to stress readiness and recurring as major goals.

The Group also underwent a change in its organizational relationship. The United States Air Force Tactical Communications Area, based at Virginia's Langley Air Force Base, assumed the role of intermediate gaining command — for training purposes only — because of a similarity in mission

requirements. However, the Pacific Communications Area, based at Hickam Air Force Base, will continue to be the intermediate gaining command of the 201st Combat Communications Group when the unit is mobilized into active federal service.

*A 154th Composite Group ground crew prepares an F-4C Phantom for an afternoon exercise at Japan's Misawa Air Base.*



### 199th Weather Flight

The 199th Weather Flight is the smallest unit in the Hawaii Air National Guard.

As of October 1, 1979, the mission of the Weather Flight was changed to include support of the flying and ground operations of the Army's IX Corps, the 25th Infantry Division, and the Hawaii Army National Guard. The unit previously provided the weather support to the Air Force and the Hawaii Air National Guard only.



*The Hawaii Air National Guard operates radars atop Mount Kaala on Oahu, and Kokee Air Force Station, Kauai.*

### Training

All three units of the Hawaii Air National Guard conducted extensive training operations at home and overseas throughout the year.

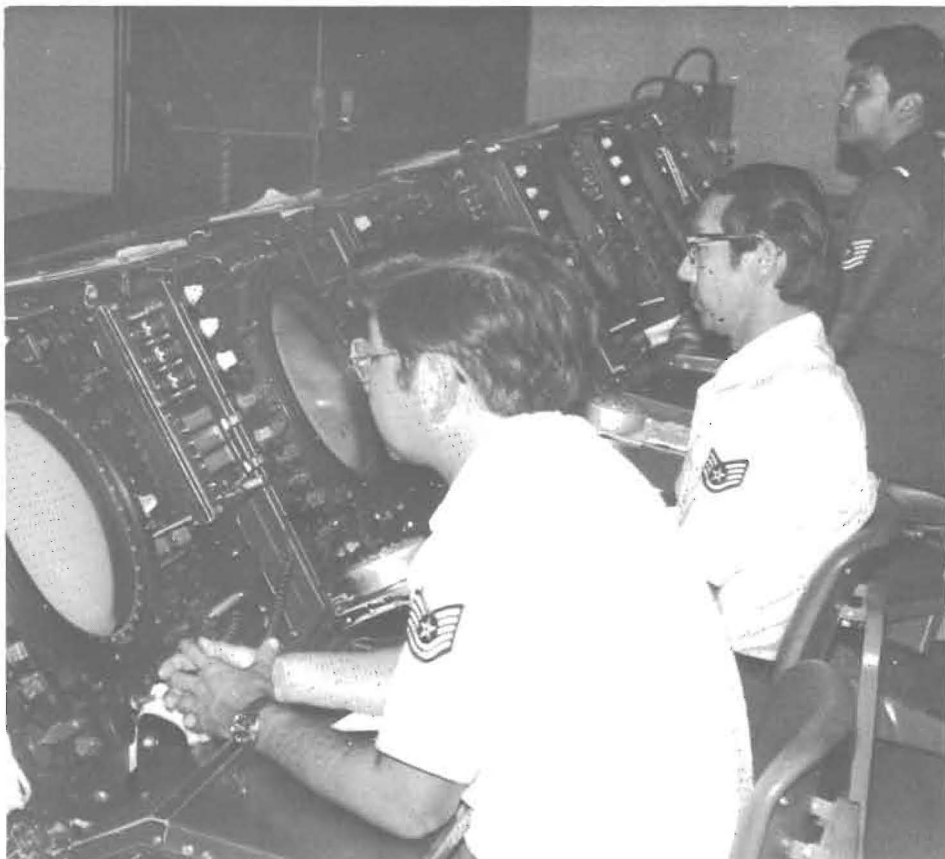
Most personnel of the Hawaii Air National Guard do not attend two weeks of annual summer training as do the Hawaii Army National Guard members. Instead, the training, for the most part, is scheduled throughout the year.

For the 154th Composite Group and its affiliated units, much of the training involved flights and radar intercepts against aircraft of mainland-based Air National Guard and Air Force Reserve units, as well as those attached to Hawaii-based Marine Corps and Navy fighter groups.

Training flights, exercises, and routine alerts accounted for a total of almost 3,400 hours of flying time for the Hawaii Air National Guard's Phantoms, a 41 percent increase over fiscal year 1979.

For the many members of the 201st Combat Communications Group and the 199th Weather Flight, annual training involves either deployments overseas or special exercises here in the islands.

*Controllers track all incoming and outgoing aircraft in Hawaiian skies.*



## Deployments

The 154th Composite Group and its affiliated units engaged in a historic training deployment to Guam and Japan in June 1980.

One week was spent in Guam training in an electronic counter-measures environment with United States Air Force B-52 aircraft of the Strategic Air Command. Six F-4C Phantoms and aircrews along with almost a hundred maintenance and support personnel participated in this exercise.

The week following the Guam exercise, the Hawaii Air National Guard personnel traveled to Misawa Air Base in Japan for an exercise entitled Cope North. This historic event marked the first time a Hawaii reserve unit had trained and flown with a foreign air force in a foreign country. The joint exercise permitted the Hawaii aircrews to practice live air combat maneuvers.

Both exercises improved the professionalism and sharpened the operational readiness of the aircrews and maintenance personnel. The Hawaii Air National Guard received numerous commendations on this highly successful deployment.

The 201st Combat Communications Group also saw action in the Far East. In the spring, 139 members of the Group deployed to Korea to participate in the Joint Chiefs of Staff Exercise, Team Spirit 1980. The exercise tested the ability of the Korean and American forces to respond to possible military action in the Korean theatre.

Group personnel participated in several other Pacific Basin and mainland deployments in support of their regular Air Force counterparts. Joint projects and excellent working relationships with the Air Force permitted the Hawaii Air National Guard members to improve the quality of their operations and use more complex and sophisticated modes of mobile communications.

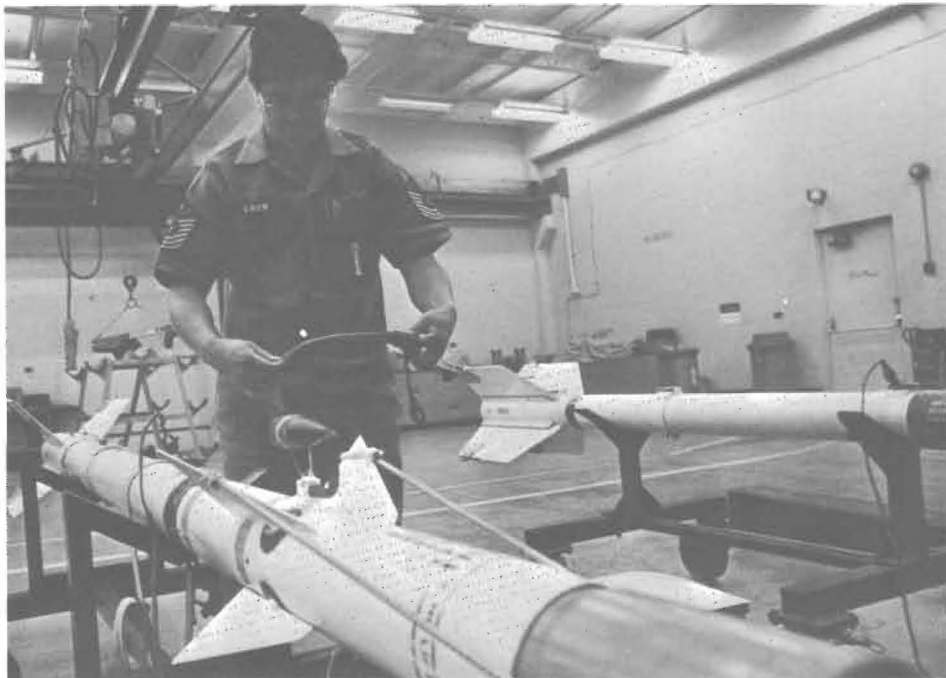


*Two F-4C Phantoms take off from Honolulu International Airport.*

### **Air Force Advisors**

The Hawaii Air National Guard is assigned advisors who are members of the regular Air Force. This practice ensures that the major gaining commands (those that will incorporate Guard units upon activation) can maintain the operational readiness of their reserve counterparts.

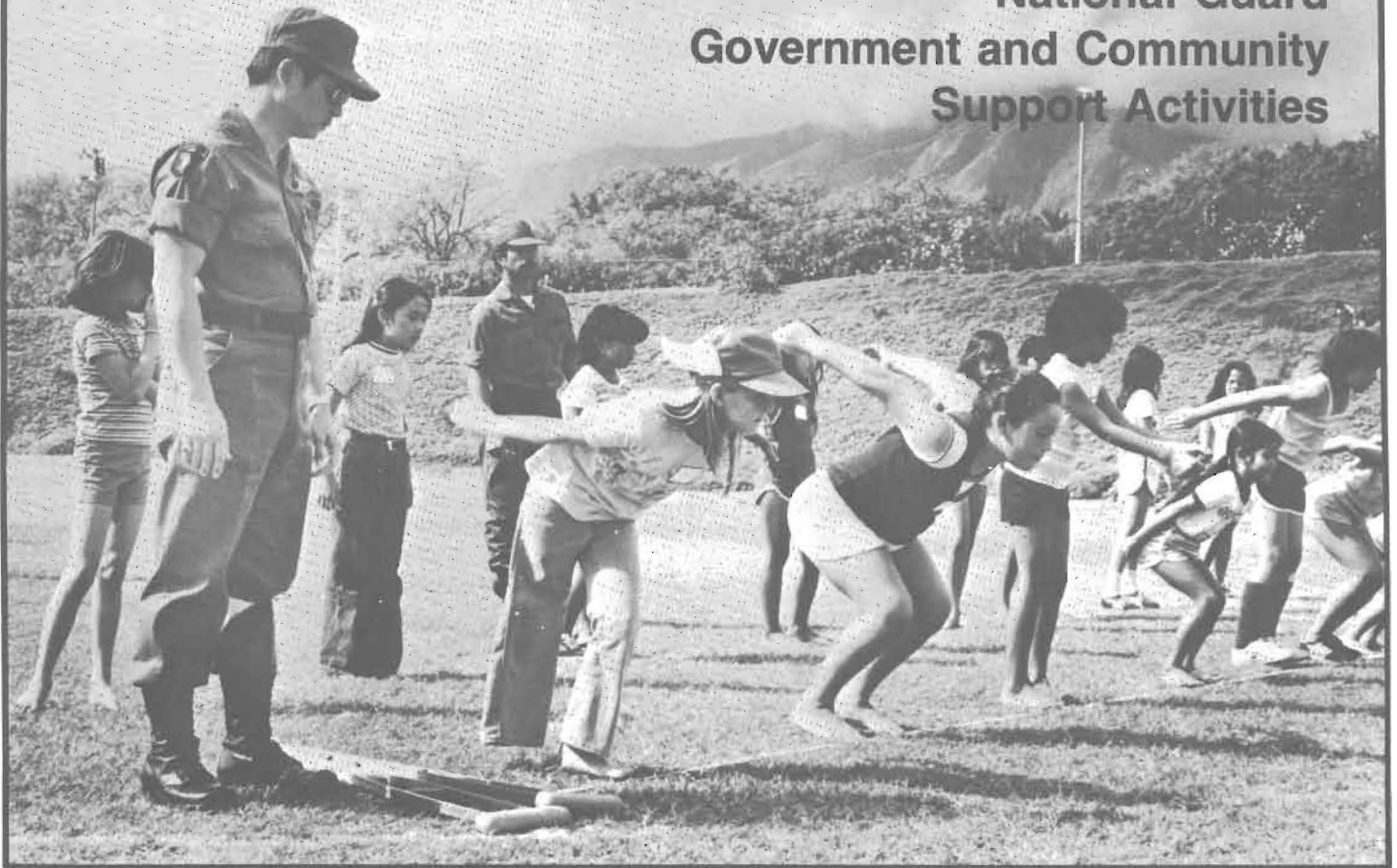
Senior advisor was Colonel Bernard L. Johnson, representing the Pacific Air Forces. The change in the organizational relationship between the 201st Combat Communications Group and the Air Force required the activation of a reserve advisor detachment under the command of Major Robert W. Burnett. Each of the advisors is assisted by a staff of civilian and regular Air Force personnel.



*Safety is a concern in every phase of Air Guard operations, especially weapons.*



## Hawaii Army and Air National Guard Government and Community Support Activities



The duties of the Department of Defense are not solely limited to meeting military commitments. Hawaii National Guard personnel are frequently called upon to assist in emergencies and Guard members often volunteer their time to aid in community service activities.

### **Disaster aid**

Flooding on Hawaii and Maui required the call-up of Guard members to assist in evacuation and other emergency requirements.

In December 1979, troops from the 2nd Battalion, 299th Infantry, located on Hawaii, evacuated residents of the flooded Waipio Valley using Hawaii Army Guard

helicopters and ground transportation. Nineteen Guard members stayed on duty for two months from December 10, 1979 to February 5, 1980 to aid in the cleanup and restoration of the valley.

Hawaii National Guard personnel stationed on Maui were activated to aid Maui County civil authorities in evacuating residents during the heavy rain and windstorms in January. Power generators and operators were provided to overcome critical power shortages. The following month, flash flooding and road closures on Hawaii again necessitated the call-up of members of the 299th Infantry, who helped restore damaged public works.

### **Emergency assistance**

Over 500 members of the Hawaii Army National Guard were ordered to duty during the strike by blue-collar public employees in October 1979. Guard members provided back-up security at the state corrections institutions and the Hawaii State Hospital and prepared meals where cooks were in short supply.

Hawaii Army National Guard helicopters and aircrews also played large roles in extending the department's helping hand to the community. United States Geological Survey scientists were aided in their monitoring of volcanic activity on Mauna Loa and an electrocution

casualty was airlifted from Maui to Oahu.

The department participated in law enforcement task force marijuana eradication projects called, "Operation Green Harvest." Two separate operations were conducted statewide during fiscal year 1980.

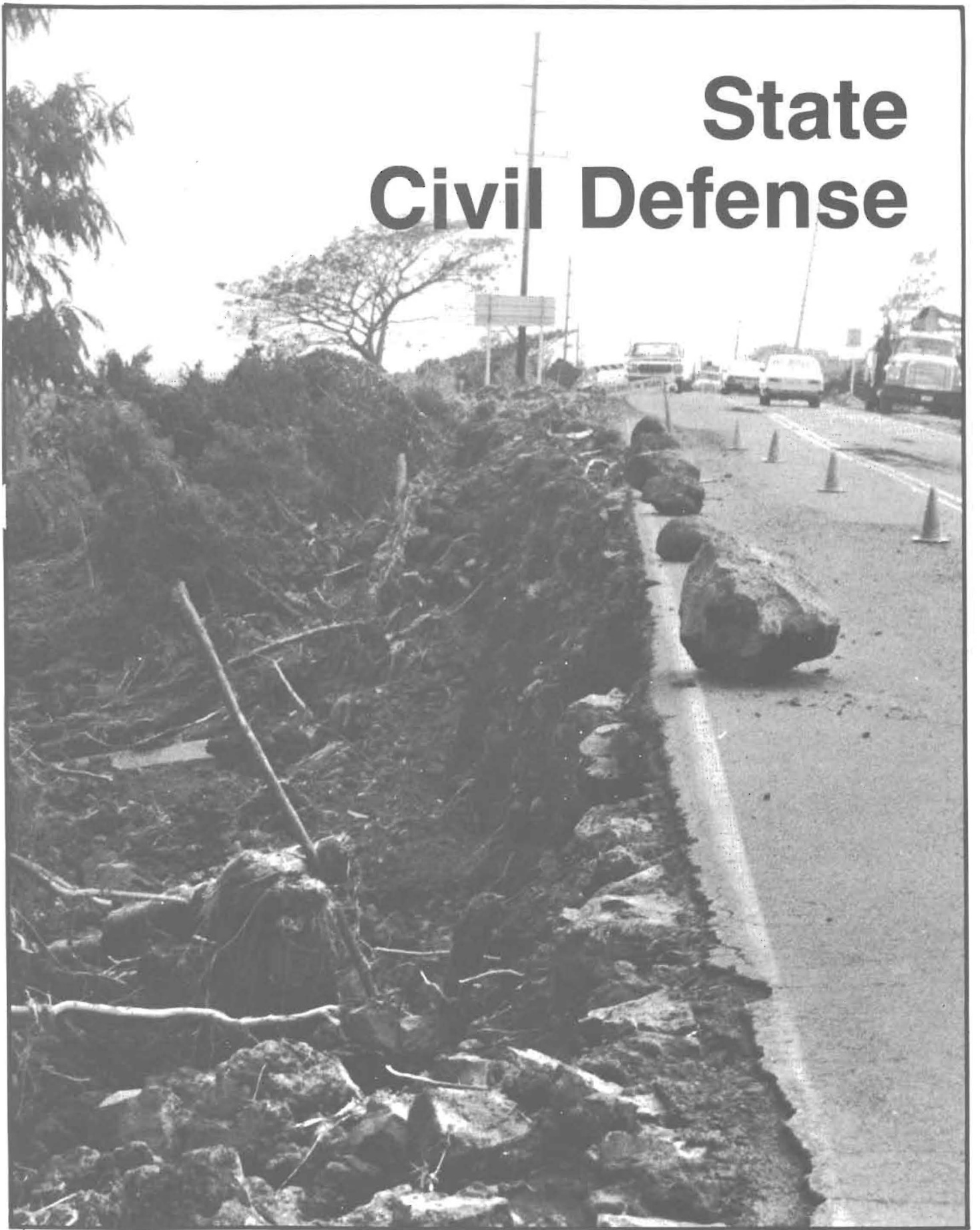
### **Community service**

Maui units of the Hawaii Army and Air National Guard were presented with the First Lady's Outstanding Volunteer Achievement Award for their "Superkids" project. This mini-Olympics project, coordinated on behalf of the American Lung Association, raised \$30,000 to benefit the association's various programs. The units involved were the 201st Combat Communications Flight and the 1st Battalion, 299th Infantry.

Members of the 227th Engineer Company, Hawaii Army National Guard, were honored by the Adjutants General Association for their participation in restoring the Mokauea fishing village on Sand Island. The 227th Engineer Company competed against many other entries from across the nation, placing fourth in the community action category and receiving an honorable mention award.

The Royal Guard and 111th Army Band made numerous public appearances and color guards were provided for community functions.

# State Civil Defense



—Photo by Steven Philben

## **Mission**

The mission of State Civil Defense is twofold. In natural or man-made disasters the agency acts to minimize loss of life, reduce property damage, restore essential public services and expedite the recovery and rehabilitation of affected individuals. In the event of nuclear war, civil defense would work to ensure maximum survival of the population, minimize property damage, provide for the welfare and safety of survivors, ensure continuance of civil government, and mobilize and manage the total resources and production of the state.

## **Organization**

In peacetime, State Civil Defense is composed of a director, who is also the adjutant general; a vice director; the Training, Education, and Information Branch; the Telecommunications Branch; the Plans and Operations Branch; and an Administrative Office.

In a national emergency, State Civil Defense would be augmented by two additional branches — a health and medical branch headed by the director of Health and an emergency welfare branch headed by the director of Social Services and Housing. In addition, the Departments of Budget and Finance and Accounting and General Services would provide fiscal services.

In effect, State Civil Defense, headed by the director, becomes the nucleus of an emergency state headquarters in direct support of the Governor. The headquarters would coordinate and direct all government, business, community, and individual actions and activities throughout the state. The operational activities of the headquarters would be supported by the Emergency Resources Management Agency composed of government, business,

industry, and labor leaders. All state agencies and many federal agencies also share in this civil defense responsibility.

Each of the state's four counties has a civil defense agency headed by an appointed deputy director (the county mayor) and is operated by an administrator and small staff.

In the private sector, State Civil Defense also coordinates the activities of the American Red Cross, Salvation Army, Seventh-day Adventists, and other volunteer organizations in providing disaster assistance.

State Civil Defense reviews and approves long-range annual programs for each county and makes appropriate recommendations to the regional office of the Emergency Management Agency.

In consonance with the national plan, State Civil Defense supervises and coordinates efforts of the state and counties and ensures that operational instructions are disseminated to all levels.

State Civil Defense also reviews and approves county civil defense staffing patterns, applications for federal funds, and project applications for state and federal natural disaster support.

During the year, the Federal Emergency Management Agency was created to provide a single point of contact for federal, state, and local governments concerning disaster assistance. It is a new agency, the result of the consolidation of five different federal organizations.

## **Operations consolidated**

State Civil Defense moved its day-to-day operations into the remodeled state Emergency Operating Center in Diamond Head Crater. This move enhanced the division's readiness and eliminated the need for duplicate

communication equipment, files, records, and other requirements. Improvements included expanded facilities for emergency coordination and communication and new office space for the staff.

## **Personnel**

A total of 21 employees comprise the full-time State Civil Defense staff. These individuals include management and technical personnel as well as a secretarial staff. In addition, three persons are assigned full-time under the State Telecommunications Program.

The State Civil Defense Advisory Council (composed of seven members appointed by the Governor) continued to counsel the director and vice director on emergency preparedness and assistance matters.

## **Natural disasters**

High winds, high surf, and heavy rains battered the islands during the year, prompting Governor George R. Ariyoshi to issue state disaster proclamations on three occasions.

The January 1980 storm caused the heaviest losses. It was the third greatest disaster in state history, resulting in \$30-35 million in damages to public and private property. Maui County, which was hardest hit, sustained damages estimated at \$12-15 million. President Carter declared the county a disaster area, making available federal disaster assistance.

Storms hit Hawaii County most frequently, causing major damage in November 1979, and January and March 1980.

State and county civil defense organizations responded to 28 severe weather watches and warnings during the year. State and county emergency operating centers were activated and manned on an around-the-clock basis for 15 of the incidents which posed threats to life and property.



Civil defense personnel and emergency operating centers were also placed on alert status in response to 16 significant earthquakes which occurred throughout the Pacific Basin during the year. These disturbances were initially monitored by the Pacific Tsunami Warning Center which was subsequently able to determine that tsunamis had not been generated.

#### **State and federal disaster aid**

State Civil Defense worked with federal agencies to obtain and distribute financial aid to disaster victims. Assistance included low-interest loans from the Small Business Administration, Farmers Home Administration, and United States Department of Agriculture (USDA), as well as emergency conservation grants through the

USDA's Agricultural Stabilization and Conservation Service.

The federal disaster assistance program, coordinated by State Civil Defense, is expected to provide \$2.5 million to repair public facilities in Maui County. The state major disaster fund will provide \$500,000 to restore public facilities damaged by the three major disasters in November 1979, and January and March, 1980.

The division supervised the preparation of approximately 400 damage survey reports related to natural disasters. These reports provide the basis for the allocation of over \$4 million in state and federal disaster aid.

#### **Nuclear and radiological planning**

A draft of a crisis relocation plan was completed, providing the information necessary to evacuate approximately 250,000 Oahu residents to Hawaii and Kauai

should such action be required in the event of a nuclear war threat.

The division also completed a draft host area plan for Hawaii County which outlines the provisions for lodging, feeding, logistic support, and fallout protection for evacuees and residents. A similar plan for Kauai has been initiated.

Also completed was a plan for the evacuation of the Pearl Harbor area should a nuclear accident occur at Hickam Air Force Base or the Naval Shipyard.

A state radiological emergency response team was organized to support county and state emergency services involving radiological accidents. In addition, a radiation safety committee was organized to oversee safety within the division.



*Civil Defense personnel work closely with local radio stations to alert the public of disasters.*



*Civil Defense officials meet to plan and determine agency responses to disaster situations.*

The group will supervise the use and control of specific radioactive by-products issued to county civil defense units for training. Accompanying these developments was the updating of the radiological incident response portion of the *State Plan for Emergency Preparedness*.

### Communications

The division, through its Telecommunications Branch, continued its operation and maintenance of the state's civil defense warning system. The monthly tests of the 211-siren system and emergency broadcast system are now routine exercises conducted by division personnel, with the cooperation of Hawaii's broadcast media.

Steps were taken to improve the control communications network, a two-way FM radio network covering Oahu. State Civil Defense plans to expand the network to cover the neighbor islands, utilizing a microwave transmitting system. Division personnel also helped Kauai County public safety offices establish their 911 emergency telephone service. Nearly 80 telecommunications projects of this nature received division assistance.

The division also supervised and controlled the acquisition of all telecommunications facilities and equipment by state departments. Nearly 80 purchases were made by state agencies during the year, tripling the number of division evaluations. These purchases were valued at \$1 million.

### Studies

A two-member disaster assistance team began the first year of a renewable planning program, funded in part by the federal government. The team will coordinate the development of a comprehensive statewide hazard mitigation program and review and update portions of the *State Plan for Emergency Preparedness*.

The Federal Emergency Management Agency provided funds so the state could contract a consultant to produce an earthquake study of Honolulu. The one-year study will provide the foundation for the preparation of an earthquake contingency response plan. The study will examine the potential effects an earthquake will have on property, buildings, and people and measure the community's ability to respond to the emergency.

### Public information

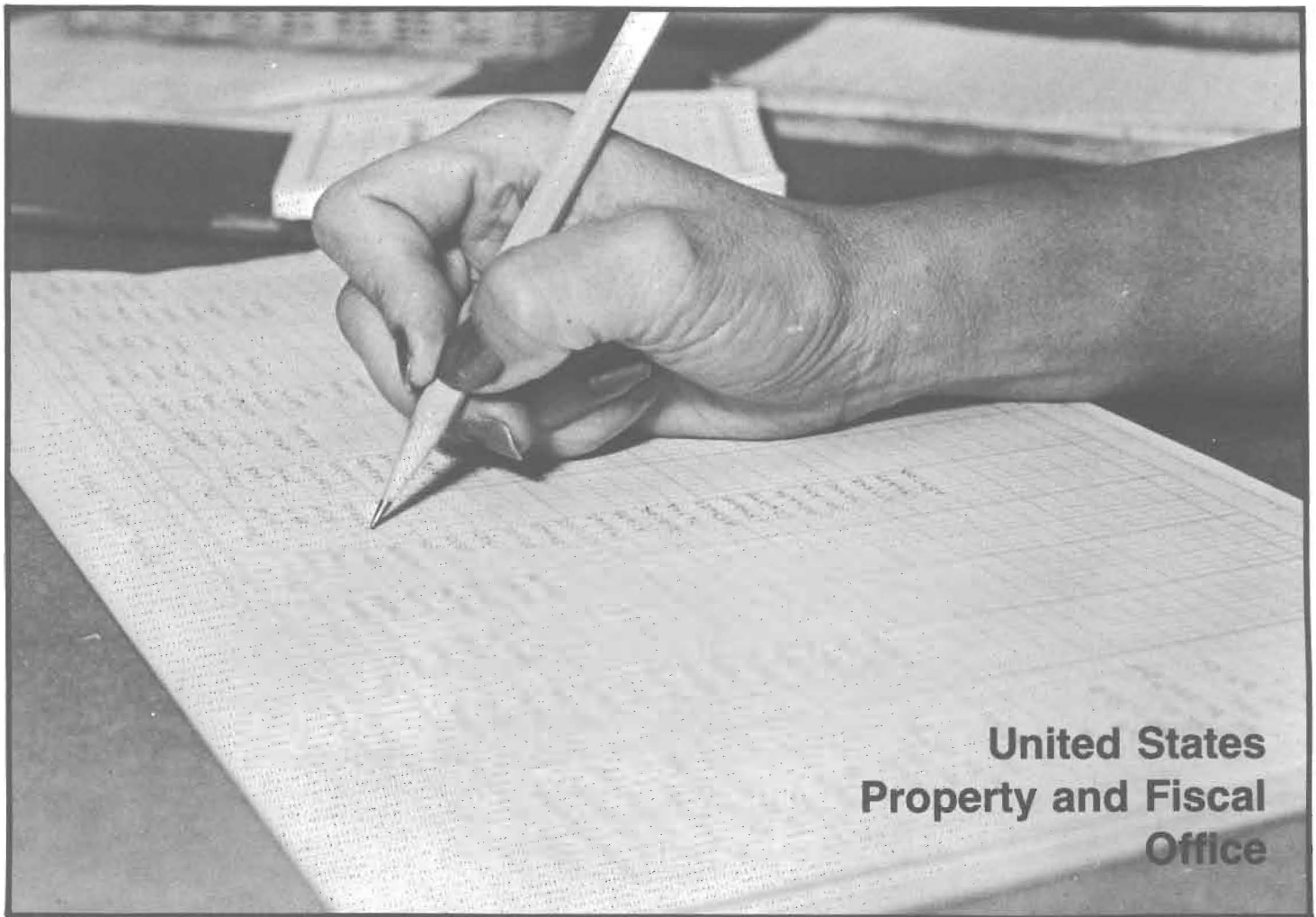
State Civil Defense continued its distribution of information on civil preparedness and disaster relief. Films, publications, and releases to the news media were commonly used to achieve this objective.

Division personnel made speaking engagements and conducted tours of the Emergency Operating Center. A third of Hawaii's public elementary school children have been introduced to the emergency education program, "Your Chance to Live." The ongoing program, designed for 5th and 6th graders, explains measures to be taken to prevent loss of life, injury, or damage in the event of a natural or man-made disaster.

Over 400 government and community officials participated in division-sponsored training workshops, seminars, and exercises. These activities help keep key officials abreast of developments and procedures in civil defense.



*Heavy rains on Hawaii caused flooding and millions of dollars in property damage.*



## United States Property and Fiscal Office

### **Mission**

The United States Property and Fiscal Office (USPFO) oversees the federal purchasing, supply, transportation, data processing, and financial administration activities of the Hawaii National Guard.

### **Organization**

Three divisions comprise the United States Property and Fiscal Office: Administrative, Logistics, and Comptroller.

This office is authorized 57 full-time federal technicians. Additionally, the comptroller and the

chief of supply and service for the Hawaii Air National Guard are designated Assistant United States Property and Fiscal Officer for Air (Fiscal) and Assistant United States Property and Fiscal Officer for Air (Property), respectively.

### **Administrative Division**

This division performs all administrative services in support of United States Property and Fiscal Office operations. Support includes maintaining a centralized filing system and records management, reproducing and disseminating publications, and providing secretarial and stenographic services. This division is further composed of the Automatic Data

Processing, Examination, and Purchasing and Contracting Branches.

### **Logistics Division**

This division provides logistical support and guidance for supply, transportation, and service to units of the Hawaii Army National Guard. It also provides support to the Hawaii Air National Guard in the movement of personnel and equipment. The division is composed of the Supply Management, Storage and Distribution, and Transportation and Traffic Management Branches.

## Comptroller Division

This division is responsible for the management of federal funds allotted the Hawaii National Guard from Congressional appropriations. To accomplish its Army mission, the division is made up of the Budget, Fiscal Accounting, and Pay Branches. To fulfill its Air mission, an Assistant United States Property and Fiscal Officer for Air (Fiscal) has been appointed to administer Air National Guard funds. Table 4 of the Appendix reflects federal dollars utilized during federal fiscal year 1980 (October 1, 1979 to September 30, 1980).

### Federal funds

A total of \$12,616,195 in federal money was received by the Army National Guard, with all accounts maintained by the United States Property and Fiscal Office. Of this sum, 99.8 percent was spent. Tables 3-5 outline expenditures.

Funds of \$16,628,843 were allocated to the Hawaii Air National Guard, with all accounts controlled by the United States Property and Fiscal Officer through its Assistant United States Property and Fiscal Officers (Air).

The payroll for the 3,468 officers, warrant officers, and enlisted persons of the Army National Guard was processed at the U.S. Army Finance Center in Indianapolis. The annual military payroll for the Army Guard was \$5,708,937, a total which reflects pay for weekend drill and annual training, along with other forms of training. Military pay for the 1,910 officers and enlisted persons of the Hawaii Air National Guard was centrally processed by the Air Force's Accounting and Finance Center in Denver. The Military Pay Section processed 83,988 transactions for a \$4,859,105 annual military payroll.

### Supplies: Army

Of primary importance was the purchasing, storage, and distribution of supplies for all units of the Hawaii Army National Guard. A total of 31,291 requests for supplies and equipment were processed during the federal fiscal year.

Costs to purchase the needed items were as follows: clothing and uniforms, \$84,569; food, \$245,186; fuel and lubricants, \$337,102; and operation and maintenance of equipment and facilities, \$1,392,052. Total spent was \$2,058,909.

The United States Property and Fiscal Office maintained a 3,114-item inventory, valued at \$210,244. The storage and distribution unit made 66,658 transactions involving the receipt, issuance, return, or adjustment of supplies. An additional 2,609 Army Guard clothing requests were processed; the self-service supply center furnished supplies valued at \$49,161.

### Supplies: Air

The Air National Guard received \$1,321,800 for supplies, an increase of \$199,534 over fiscal year 1979. The additional money was required for maintenance costs of the F-4C Phantoms and the growing needs of the 201st Combat Communications Group on the neighbor islands.

The base supply operation processed 336,095 transactions in federal fiscal year 1980, a monthly average of slightly over 28,000. The in-house inventory was \$4,686,539 at the beginning of the fiscal year; the stockage effectiveness rate was 90 percent. At year's end, the inventory value had risen to \$4,851,687, with the stockage effectiveness rate at 87 percent.

In related areas, the National Guard Bureau allocated \$64,087 for commercial contract services, \$8,273 less than the previous year. The bureau also provided \$14,088 for the inter-island transportation of

supplies and equipment. Uniforms issued to enlisted personnel were valued at \$50,000, clothing issued the previous year totaled \$63,201.

### Transportation and Traffic Management Branch

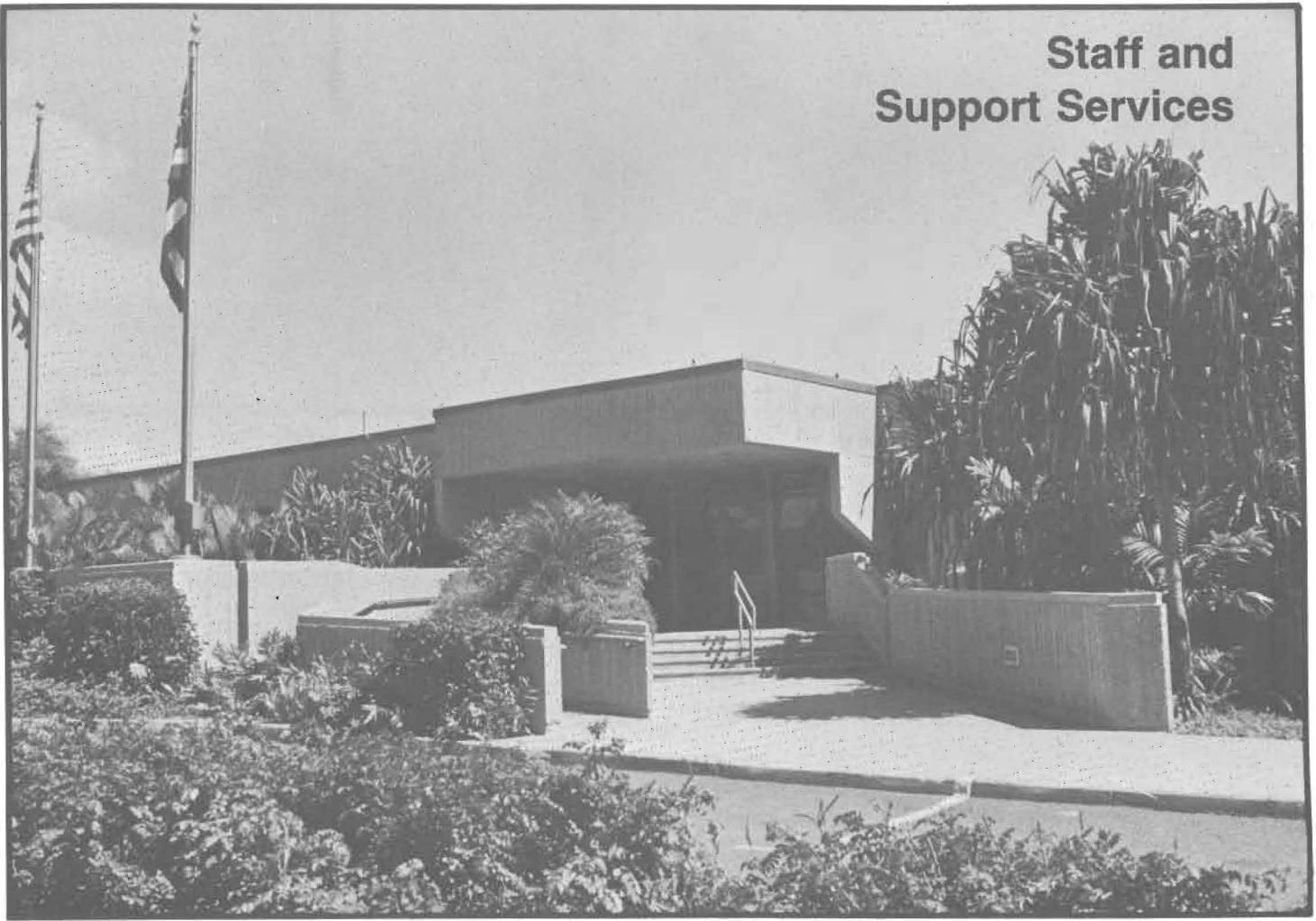
The United States Property and Fiscal Office also handles the shipping of cargo and transportation of personnel between the islands. The transportation branch arranged transport for 4,161 individuals: 2,244 for annual training, 241 for military inter-island airlifts, 675 commercial trips to the mainland, and 1,001 commercial inter-island trips. A total of 2,887 tons of cargo was shipped for annual training, four tons went to the mainland, and 362 tons had inter-island destinations.



*Data processing is a major function of the office.*



## Staff and Support Services



## Administrative Services

### Mission

The Administrative Services Office provides support, both military and state administrative, to the adjutant general's office. It coordinates and controls all planning, programming, budgeting, and execution of departmental programs.

### Organization

Three separate staff elements provide for office, personnel, and financial management services. Thirteen full-time state employees are responsible for these program areas.

### Activities

*Office Services and Communications Management:* The department's office services and

communications management are centralized under this office. It is responsible to the department head for the effective monitoring, review, distribution, and filing of all communications received from federal, state, and local governments and the civilian community.

### *Legislative Review and Liaison:*

The Administrative Services Office was responsible for maintaining close liaison with our Congressional delegation, Legislature, and state administration on all pertinent legislation affecting department programs. The office prepared correspondence and/or testimony concerning the various legislative proposals affecting those programs.

### Personnel administration

The state personnel management staff is responsible for the administration of the state employee personnel program to include recruitment and placement, classification, salary, leave, employee performance, employee relations, out- and in-service training, and personnel records maintenance.

There were 132 permanent state positions authorized during the year, of which 119 were filled by June 30, 1980. Additionally, five Comprehensive Employment and Training Act (CETA) positions and six temporary positions were authorized and filled as of June 30, 1980.

During the fiscal year, the following number and type of personnel actions were taken:

Type of Action	Number Processed
Appointments .....	58
Separations .....	34
Reassignments .....	-
Promotions .....	9
Within-Grade Increases .....	-
Deaths .....	-
Retirements .....	4
Reallocations .....	4
Miscellaneous Changes...	323

With regard to performance ratings, 26 individuals received very satisfactory ratings representing 22 percent of the state work force. From these, six sustained superior performance awards were submitted and approved during the fiscal year. The average award amounted to \$200.

### Planning, programming, and budgeting

The department's supplemental operating budget request calling for an increase in general fund appropriations of \$2,348,341 for fiscal year 1981 was approved

under Act 300, Session Laws of Hawaii, 1980. The increase provides actual and contingency funding of \$2,250,000 to cover expenses related to major disasters, additional funding of \$151,838 to provide National Guard helicopter support for "Operation Green Harvest," and terminal funding of \$5,964 to phase-out projects and activities and ensure the orderly transfer of the records and functions of the Pacific War Memorial Commission to another state agency.

### Occupational safety and health

The Administrative Services Office, through the fiscal staff, administered the state occupational safety and health program to include the state worker's compensation claims program. During fiscal year 1980, there were 14 reportable cases of work-related injuries involving state employees with a total of 130 lost workdays, or an average of 9.29 workdays per injury. This was a decrease in workdays lost of approximately 48 percent over the previous fiscal year. Additionally, there were 43 other worker's compensation injuries involving part-time National Guard personnel. The total compensation payment for the year amounted to \$32,454. This represents a decrease of \$10,290 or 24.1 percent less than the previous fiscal year's claims payments.

### Property administration

The Administrative Services Office provides centralized control and accounting of all state property assigned or issued to the department. The department's property inventory as of June 30, 1980 was as follows:

Property	Classification	Unit or Acres	Acquisition Cost
Land and Interest in Land .....		1,377.46	\$ 136,588*
Buildings and Structures .....		35	7,482,753
Motor Vehicles .....		26	102,389
Equipment .....		2,722	1,633,165

\*Reflects token acquisition cost of \$15 for 1,363.093 acres.

*Managing the flow of communication is an important function of the Administrative Services staff.*



The Administrative Services Office coordinated, processed, and approved 68 separate applications for use of armories and grounds located throughout the five major islands. The rental fees collected amounted to \$2,786.

### **Financial administration**

The Administrative Services Office administered \$2,445,834 in state general fund allocations and \$607,394 in federal fund appropriated receipts during fiscal year 1980. Of this amount, \$3,018,756 or 98.9 percent of the available funds were expended or encumbered, leaving a net fund balance of \$34,472. Table 6 in the Appendix depicts the distribution of appropriations, appropriated receipts, and expenditures by program organization and cost element.

The Administrative Services Office also administered four federal fund holding and disbursement accounts, five general fund major disaster accounts, two trust fund accounts, one special fund account, and 18 general obligation bond fund accounts for capital projects delegated to the department as the expending agency. Tables 7 and 8 in the Appendix reflect the status of these accounts as of June 30, 1980.

The department's cash receipts for the year amounted to \$1,080,659. Of this amount, \$66,551 was credited to the state general fund; \$101 to the

trust fund; and \$928,107 to the department's operating fund accounts. The distribution by sources and the fund-accounts to which they were credited are depicted in Table 9 in the Appendix.

In administering the state finances of the department, the fiscal staff processed 3,175 purchase orders, 536 summary warrant vouchers, 154 bills for collection, and 52 treasury deposit slips. The staff continued to maintain an outstanding record of prompt vendor payments averaging less than 10 calendar days following receipt of goods or invoices.

### **State-administered federal funds**

State-administered federal funds totaling \$535,443 for civil defense program activities were obtained as matching fund grants under the Personnel and Administration Program (Public Law 85-606) and Civil Defense Equipment Program (Public Law 920). Provisions of the laws stipulate that 50 percent of the authorized expenditures for personnel, equipment, travel, and other operational expenses are reimbursed to the state. The department also received full-funded federal contract grants for

radiological maintenance and calibration, civil preparedness instruction, disaster preparedness planning, nuclear civil protection planning, and an earthquake hazards study. Funds received under these programs and contracts were deposited into the general fund of the state as appropriated receipts, or into temporary holding accounts for subsequent reimbursements to other state or local government agencies.

State-administered federal funds totaling \$271,593 were received for four separate cost-reimbursable service contract agreements for the Hawaii Army and Air National Guard. These agreements, negotiated between the federal and state governments, provided for reimbursement of 100 percent, 80 percent, or 75 percent of the authorized costs to operate and maintain the buildings and grounds occupied by the federally-supported activities of the Hawaii National Guard. Funds received under these contracts were deposited into the general fund as appropriated receipts or as refunds of fringe benefit payments advanced by other state agencies.

## Technician Personnel

### Mission

The Technician Personnel Office provides centralized civilian personnel administration for all assigned federal technicians (both Army and Air) of the Department of Defense. It furnishes the adjutant general, his staff, and managers with technical assistance on position management, pay administration, training and employee development, personnel management assistance, and employment services.

### Organization

The personnel office is made up of two functional entities, the Personnel Management Section and the Employee Services Section.

### Activities

This organizational element is responsible for the following major areas: recruitment and placement, merit promotion, manning control, incentive awards, technician training and development, adverse actions, classification and appeals, grievances and appeals, and technician assistance. It provides in-depth personnel management assistance to managers, supervisors, and support personnel.

Negotiations were conducted for new agreements covering non-supervisory Hawaii Air National Guard technicians in elements of the 154th Composite Group as well as in the 150th Aircraft Control and Warning Squadron. These

negotiations were the first for the department under the Civil Service Reform Act of 1978. Agreement was reached between the National Association of Government Employees and the 150th Aircraft Control and Warning Squadron in August 1980.

Both Army and Air National Guard technicians of the department pursued developmental courses of instruction tailored to meet departmental mission requirements. The National Guard's Professional Education Center provided an ever-expanding curriculum to meet the unique military-technician relationships involved in the Guard's programs. The Office of Personnel Management's San Francisco Regional Office provided managerial and worker-level courses of instruction to strike a balance in departmental training efforts. Eighty-two Army and 59 Air National Guard technicians attended such training.

The total number of better-than-satisfactory performance appraisals continued to increase with a corresponding increase in performance-related awards.

Stanley K. Komata and Robert A. Hanaike were selected as the department's nominees for Federal Manager and Federal Employee of the Year Awards, respectively. Both

were honored at the annual Federal Day luncheon in recognition of their individual efforts. The following tables reflect awards rendered during the fiscal year.

### Employee Services Section

Employment (appointments), processing of within-grade increases, separations, reassignments, and promotions are key personnel actions for which this element is responsible. Additionally, it is responsible for the records maintenance of all personnel actions and provides guidance and information relative to employee benefits and entitlements. It processes performance ratings and maintains the technician personnel management information system which is utilized in programming and controlling personnel status and assignments.

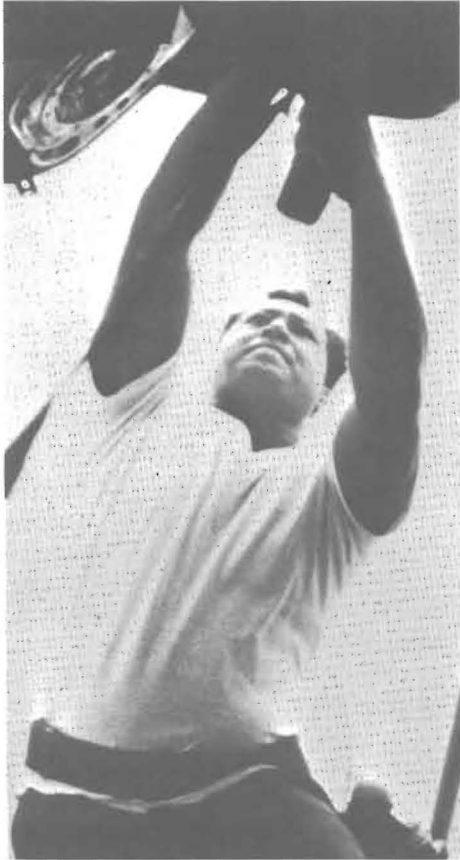
The department's federal technician assigned strengths declined during the fiscal year because of test programs conducted to determine the department's ability to attract qualified personnel for full-time employment in an active military duty status. There were 12 Army National Guard and seven Air National Guard personnel employed full-time in the active duty programs as of June 30, 1980.

	Number Submitted	Number Approved
<b>Suggestion Awards:</b>		
Army Technicians .....	4	1
Air Technicians .....	17	6
<b>Sustained Superior Performance Awards:</b>		
Army Technicians .....	35	32
Air Technicians .....	22	19
<b>Quality Salary Increases</b>		
Army Technicians .....	5	4
Air Technicians .....	3	3



Federal technician assigned strengths at the beginning and end of the fiscal year were:

	July 1, 1979	June 30, 1980
Army Technicians .....	298	284
Air Technicians .....	539	523
Total .....	837	807



The Technician Personnel Office recruits the full-time technician staff of the Army and Air National Guard, ranging from aircraft mechanics to personnel technicians.

A wage salary increase of 5.5 percent was implemented on August 12, 1979, and involved 118 Army National Guard technicians at an annual cost of \$139,339 and 258 Air National Guard technicians at an annual cost of \$333,860. On October 1, 1979, a supplemental wage salary increase of 1.5 percent was implemented to provide an increase comparable to General Schedule technicians who received a 7 percent increase. This supplemental wage increase resulted in an annual cost of \$63,440 for the Hawaii Army National Guard and \$252,252 for the Hawaii Air National Guard.

A General Schedule salary increase of 7 percent was

implemented on October 7, 1979 for 275 Air National Guard technicians at an annual cost of \$522,366. On October 14, 1979, a similar increase was implemented for 178 Army National Guard technicians at an annual cost of \$258,076.

In August 1979, cost-of-living allowances were reduced for Hawaii from 15 to 10 percent; Kauai, from 17.5 to 15 percent; and Oahu, from 15 to 12.5 percent. The allowance for Maui was reduced from 12.5 to 10 percent in September 1979. Finally, in October 1979, the cost-of-living allowance for Molokai was reduced from 15 to 10 percent.

Personnel actions processed during the fiscal year were:

Type of Action	Army	Air	Total
Appointments .....	7	23	30
Separations .....	14	34	48
Reassignments .....	16	28	44
Promotions .....	32	55	87
Within-Grade Increases .....	94	184	278
Return from Military Furlough .....	-	-	-
Deaths .....	-	-	-
Retirements .....	6	3	9
Miscellaneous Changes .....	618	1,177	1,795
Total .....	787	1,504	2,291

## Engineering

### Mission

This office provides the department's engineering support in five areas: major and minor construction programs, facility repair and maintenance, real property management, fire prevention and protection, and custodial services.

### Activities

Five major construction projects were awarded during fiscal year 1980. The state appropriated \$94,847 for electrical system improvements near the Department of Defense headquarters, a statewide intrusion detection system, and renovations at the Wahiawa Armory. The state provided \$153,337 and the federal government \$153,339 for the two remaining projects: the installation and replacement of disaster warning systems on Oahu and replacement of warning sirens on Molokai.

The department expended \$103,687 in federal and \$51,313 in state funds for 22 minor construction projects, a list of which is provided in Table 10. Maintenance, repair, and modification of National Guard facilities were accomplished by department personnel or through construction contracts. Funds for the activities were provided by federal and state appropriations.

## Public Affairs

### Mission

The Public Affairs Office has the responsibility to plan, direct, and administer the department's information and community relations programs.

### Organization

The three-person staff is headed by the public affairs and education officer, who is required to be a commissioned officer of the Hawaii National Guard.

### Activities

A primary function is to advise the adjutant general, staff members, and divisions on all public affairs matters affecting the department. The public affairs office also prepares and distributes news releases, photographs, and videotapes of departmental activities to various news media, both civilian and military, local and national.

The office answers all inquiries from the media, public, and other state and federal agencies. The preparation of speeches and reports for the adjutant general and the Governor also come under the aegis of the public affairs office.

Additionally, the annual report is edited and published by the public affairs staff along with the quarterly newspaper *Pupukahi*. This newspaper is distributed to all members of the Hawaii National Guard, departmental employees, divisions and agencies within the state and federal governments, and other individuals interested in the department.

Working closely with Guard and active military public affairs offices, this office supports numerous community services and projects which work to enhance the public's awareness of the department.

## Human Relations- Equal Employment Opportunity

### Mission

This office formulates and administers the department's equal opportunity programs. Two written plans, one for state employees and one for National Guard technicians, are prepared to cover short- and long-range goals. The plans are continuously reviewed and revised to account for new needs and problems.

### Organization

This office is staffed by an equal opportunity officer and a clerical assistant. It is further augmented by 10 part-time counselors located throughout the department. The counselors informally resolve equal opportunity complaints and problems, and advise the equal opportunity officer on potential equal opportunity problem areas.

A part-time federal women's program manager and two assistants provide assistance and advice on the expansion of employment and promotional possibilities for women. They also act as points of contact and liaison for activities specifically intended for women.

### Activities

The Human Relations/Equal Opportunity Office monitors all levels of operations to ensure that no discrimination exists within the organization. Procedures have been established for handling any form of discrimination complaint. Equal opportunity training courses are made available to supervisors and personnel with EEO responsibilities.

## Pacific War Memorial Commission

Since its establishment by the Legislature in 1949, the Pacific War Memorial Commission has worked to create memorials honoring those who gave their lives in the service of our nation.

For the past 31 years, the commission has enlisted the support of legislators and veterans and civic groups to help establish and maintain a series of projects honoring Hawaii's soldiers.

### Memorials

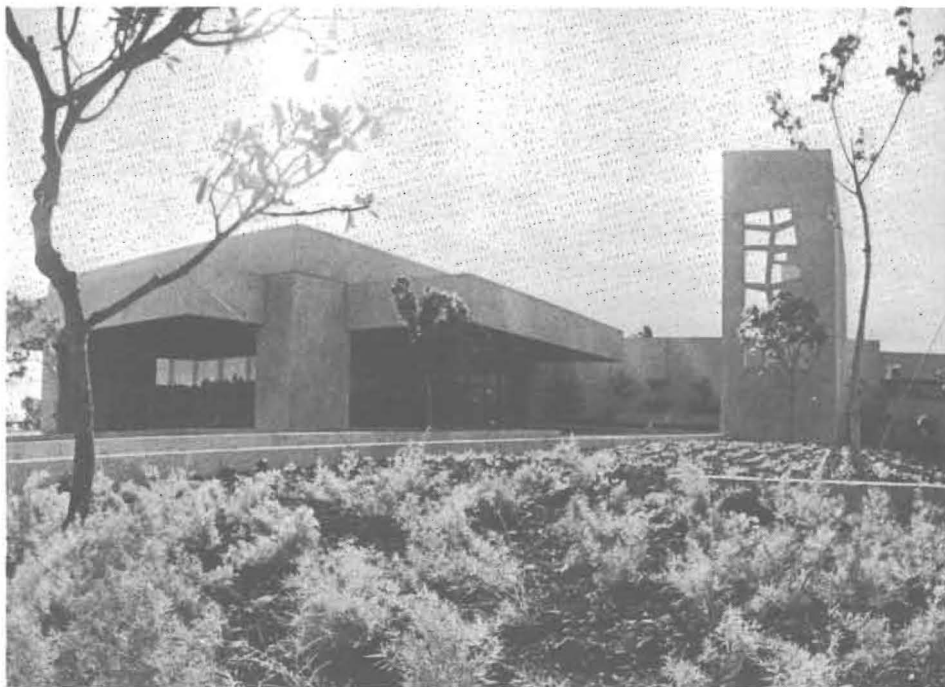
Completed projects have included the U.S.S. Arizona Memorial at Pearl Harbor, the Gardens of the Missing Monument at the National Cemetery of the Pacific, the State Capitol Armed Forces Memorial, and the University of Hawaii Veterans Memorial Building. The Disabled American Veterans' Keehi Lagoon Memorial is scheduled for completion in the near future.

The new U.S.S. Arizona Memorial Visitor Center was completed in October 1980. The opening of the center was eagerly awaited by the members of the commission, who had been involved in planning and coordinating the effort to develop the center.

The \$5 million shoreside facility features a museum, theaters, gift shop, and boat landing. The new landing replaces the old dock which has been in use since the construction of the Arizona Memorial. The center is managed by the Department of the Interior's National Parks Division.

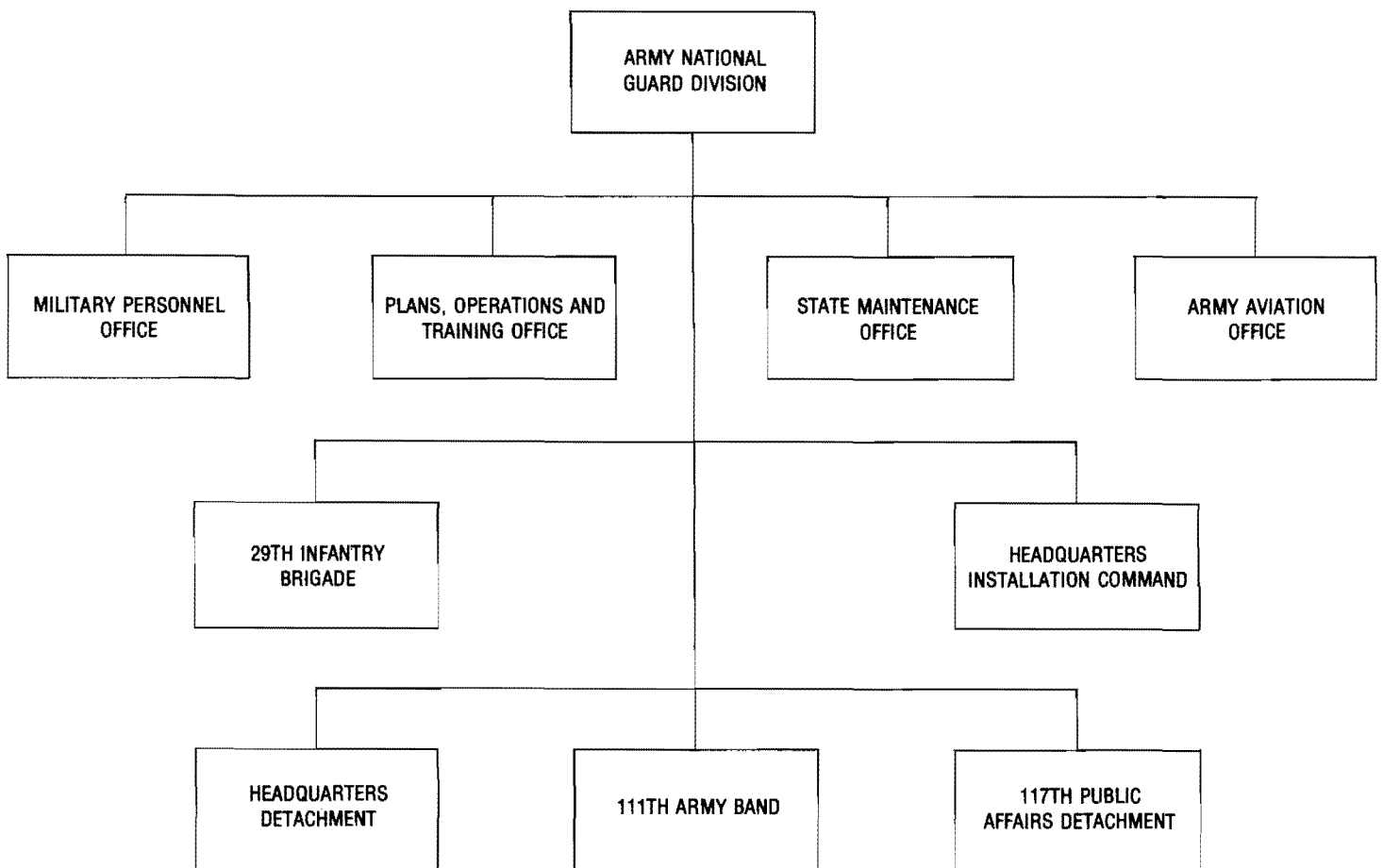
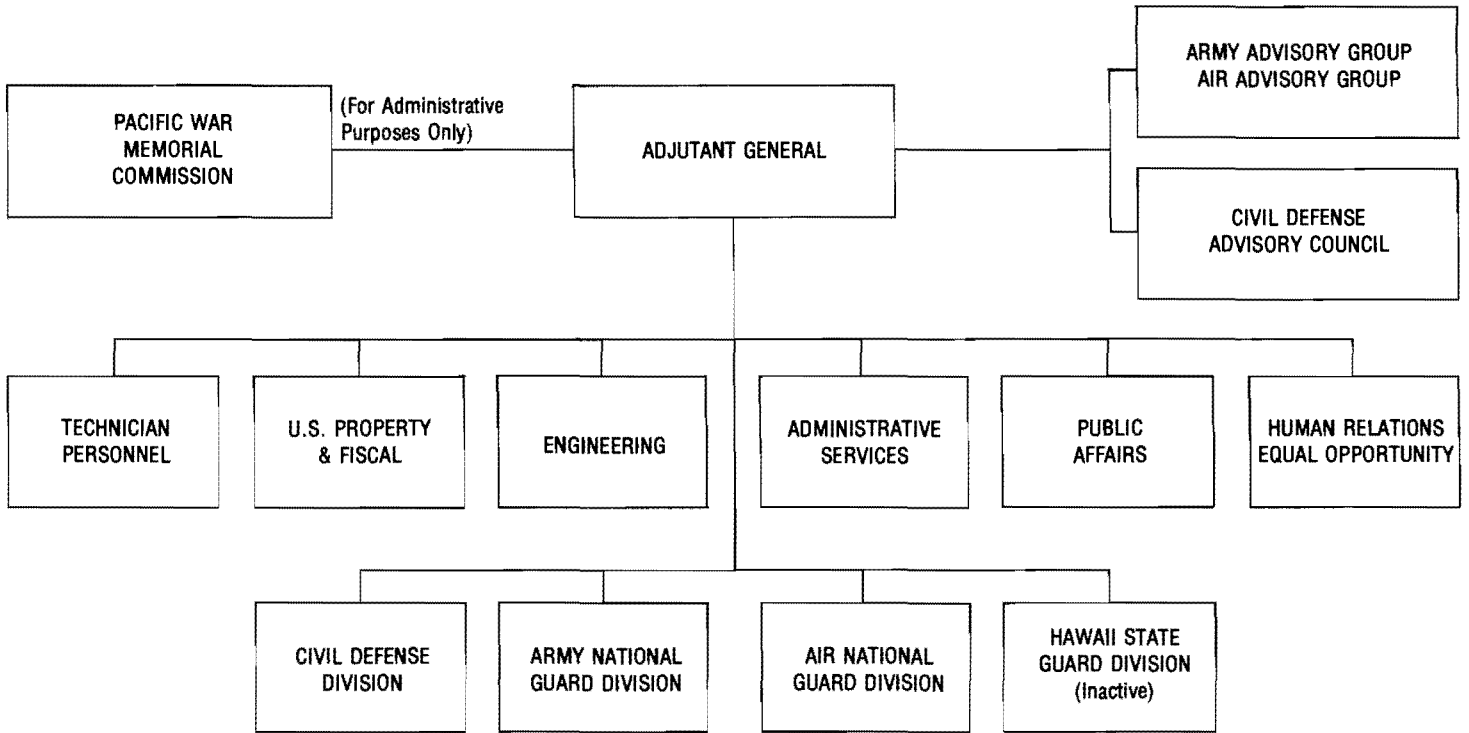
The visitor center project, the realization of years of work by the commission, was the last major endeavor to be undertaken by this body. In June 1981, with its goals achieved, the Pacific War Memorial Commission will be disbanded. All functions of the organization will then be transferred to the Department of Land and Natural Resources.

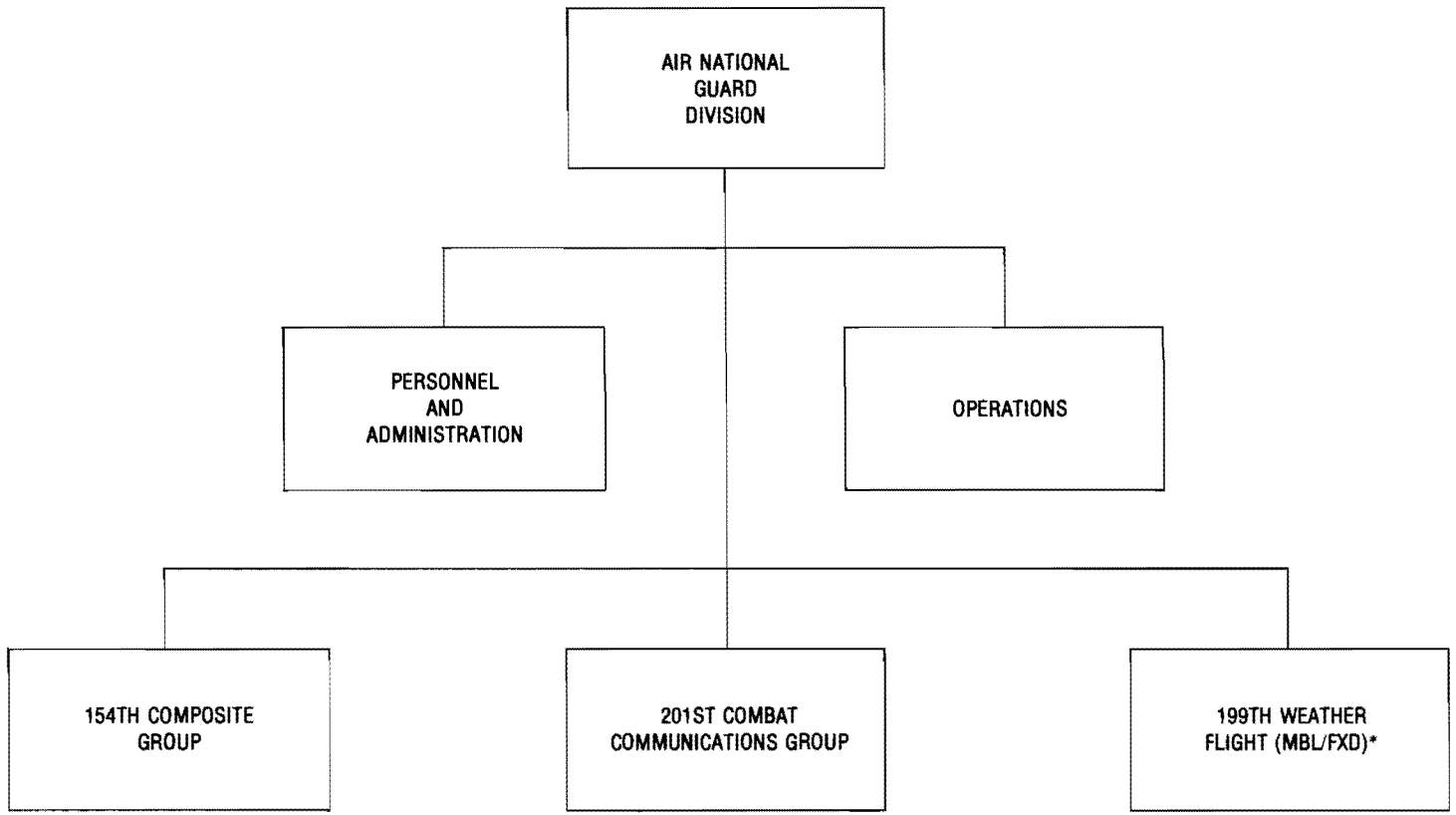
*The U.S.S. Arizona Memorial Visitor Center was just one of the projects involving the commission.*



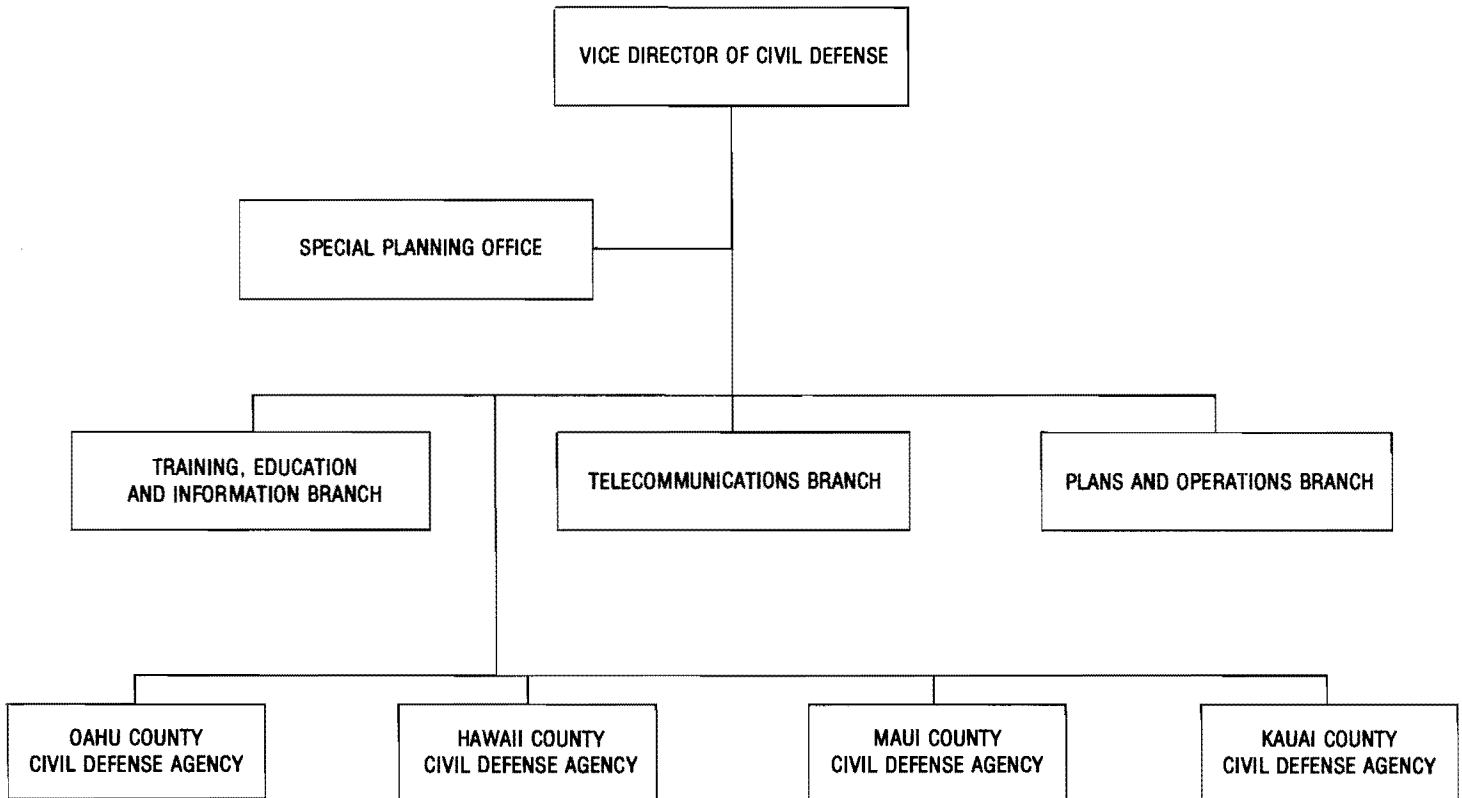
# Appendix

## DEPARTMENT OF DEFENSE





\*No Full-time Position



## Table 1: Summary of Expenditures

Listed below is a summary of funds expended in support of all activities of the Department of Defense.

### State Funds Expended

Departmental Administration .....	\$ 1,179,537
Hawaii Army National Guard .....	775,271
Hawaii Air National Guard .....	151,664
State Civil Defense .....	353,398
Pacific War Memorial Commission .....	5,964
<b>Total .....</b>	<b>\$ 2,445,834</b>

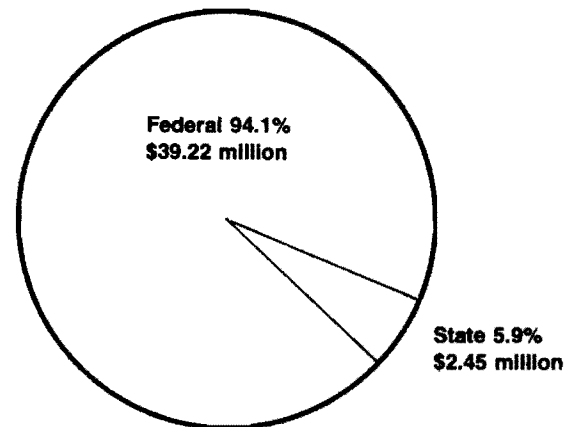
### Federal Funds Expended

State-Administered Federal Funds for Hawaii National Guard .....	\$ 271,593
Hawaii Army National Guard .....	16,925,468
Hawaii Air National Guard .....	21,487,948
State Civil Defense .....	535,443
<b>Total .....</b>	<b>\$39,220,452</b>

**Grand Total .....** \$41,666,286

As illustrated, a major portion of annual departmental funding comes from the federal government.

This is a unique feature of the Department of Defense. No other department in state government brings so many federal dollars into the local economy.



## Table 2: Strength

National Guard Strength	Army	Air	Total
Authorized strength .....	4,053	2,037	6,090
Actual strength .....	3,468	1,910	5,378
Percentage .....	85.6	93.7	88.3
Officers .....	265	204	469
Women .....	6	6	12
Warrant Officers .....	99	N/A	99
Women .....	—	N/A	—
Enlisted Personnel .....	3,104	1,706	4,810
Women .....	181	127	308
Gains (enlistments, reenlistments, transfers) ....	803	219	1,022
Losses (discharges, transfers) .....	857	184	1,041

## Table 3: Payroll

Hawaii National Guard Payroll Data (Federal Fiscal Year 80)	Army	Air
Man-years .....	288	526
Regular Pay .....	\$6,022,949	\$11,833,049
Benefits		
Cost of Living Allowance .....	381,529	869,164
Health Insurance .....	181,204	331,986
Life Insurance (FEGLI) ..	15,406	18,554
Federal Civil Service		
Retirement .....	390,010	782,849
State Employees'		
Retirement System .....	4,084	6,808
Permanent Change of Station .....	11,996	—
FICA Taxes .....	21,985	40,002
Suggestion and Superior Performance Awards .....	12,981	9,287
<b>Grand Total .....</b>	<b>\$7,042,144</b>	<b>\$13,891,699</b>

**Table 4: Federal Expenditures in Support of National Guard****Funded at Army National Guard Level**

Personnel Services	
Civilian Pay .....	\$ 7,036,146.01
Military Pay .....	2,117,936.80
Transportation and Travel	
Personnel .....	274,207.41
Equipment and Supplies .....	306,788.30
Supplies and Service	
Organizational Equipment .....	604,120.06
Clothing and Equipage .....	503,929.61
Petroleum, Oils and Lubricants .....	337,100.98
Subsistence .....	248,623.04
Repair Parts and Services .....	492,746.29
Other Operating Supplies and Services .....	209,889.71
Construction, Repairs and Utilities	
Non-Armory Construction .....	14,033.25
Maintenance, Repairs and Minor Construction .....	414,961.62
Utilities .....	31,785.22
Total Army National Guard .....	\$12,592,268.30

**Funded by Federal Agencies in Hawaii**

Armory Drill Pay .....	\$ 3,591,000.00
Advisor's Pay and Travel .....	700,400.00
Annual Training .....	41,800.00
Total Federal Agencies .....	4,333,200.00
Total Federal Support for Army National Guard .....	\$16,925,468.30

**Funded at Air National Guard Level**

Personnel Services	
Civilian Pay .....	\$13,939,137
Transportation, Travel and Per Diem	
Military Travel .....	206,749
Technician Travel .....	48,220
Equipment and Supplies .....	13,671
Supplies and Services	
Supplies .....	1,347,531
Deployment Supplies and Services ...	17,703
Equipment .....	41,194
Services .....	60,501
Communications .....	29,487
Airman Clothing .....	50,055
Rental of Equipment .....	1,120
Rental of Automatic Data Processing Equipment .....	27,132
Subsistence .....	59,457
Medical Expenditures .....	22,210
Recruiting Expenditures .....	24,548
Major Repairs and Minor Construction ..	280,051
Operations and Maintenance Agreement Utilities .....	212,263
Base Civil Engineers and Custodial Services .....	99,233
Supplies and Materiel .....	38,564
Construction, Repair, and Maintenance .....	43,940
Indirect/Non-Flying Aviation Fuel .....	66,077
Total Air National Guard .....	\$16,628,843

**Table 5: Procurement****Army and Air National Guard  
Local Procurement (Federal Fiscal Year 80)**

	Army	Air
Supplies and Services		
Petroleum, Oils and Lubricants .....	\$ 27,400	\$ 5,600
Subsistence .....	32,900	2,300
Repair Parts and Services .....	64,900	46,300
Other Operating Supplies and Svcs. ...	199,200	144,400
Communications .....	29,600	29,500
Construction Repairs		
Maintenance, Repairs, and Minor Construction .....	415,000	522,200
Architect-Engineer Services .....	—	46,400
Grand Total .....	\$769,000	\$796,700

**Funded at U.S. Air Force Level**

Annual Training Pay .....	\$ 1,093,918
Other Active Duty Pay .....	852,269
Inactive Duty Pay .....	2,623,531
Basic Training Pay .....	289,387
Total U.S. Air Force .....	\$ 4,859,105
Total Federal Support for Air National Guard .....	\$21,487,948



## Table 6: Financial

### Financial Statement — General Fund Operating Programs

Program and Category of Expenditure	Adjusted Appropriation	Appropriated Receipts	Total Allocation	Expenditure	General Fund Balance
<b>DEF 110 Amelioration of Physical Disasters</b>					
Departmental Administration					
Personal Services .....	\$ 650,805	\$ 83,744	\$ 734,549	\$ 734,549	—
Other Expenses .....	494,672	155,055	649,722	649,722	—
Equipment .....	28,245	—	28,245	28,245	—
Motor Vehicle .....	5,815	—	5,815	5,815	—
	<u>1,179,537</u>	<u>238,794</u>	<u>1,418,331</u>	<u>1,418,331</u>	<u>—</u>
Hawaii Army National Guard					
Personal Services .....	563,080	45,555	608,635	608,635	—
Other Expenses .....	167,298	—	167,298	167,298	—
Equipment .....	11,017	—	11,017	11,017	—
Motor Vehicle .....	13,876	—	13,876	13,876	—
	<u>755,271</u>	<u>45,555</u>	<u>800,826</u>	<u>800,826</u>	<u>—</u>
Hawaii Air National Guard					
Personal Services .....	112,239	34,735	146,974	146,974	—
Other Expenses .....	37,635	—	37,635	37,635	—
Equipment .....	1,790	—	1,790	1,790	—
	<u>151,664</u>	<u>34,735</u>	<u>186,399</u>	<u>186,399</u>	<u>—</u>
State Civil Defense					
Personal Services .....	221,943	212,622	434,565	400,132	\$34,433
Other Expenses .....	112,933	71,731	184,664	184,661	3
Equipment .....	18,522	3,957	22,479	22,479	—
	<u>353,398</u>	<u>288,310</u>	<u>641,708</u>	<u>607,272</u>	<u>34,436</u>
<b>DEF 808 Pacific War Memorial System</b>					
Pacific War Memorial Commission					
Personal Services .....	4,800	—	4,800	4,800	—
Other Expenses .....	1,164	—	1,164	1,128	36
	<u>5,964</u>	<u>—</u>	<u>5,964</u>	<u>5,928</u>	<u>36</u>
<b>Total</b> .....	<b>\$2,445,834</b>	<b>\$607,394</b>	<b>\$3,053,228</b>	<b>\$3,018,756</b>	<b>\$34,472</b>

## Table 7: Accounts

### Miscellaneous General, Federal, and Trust Fund Accounts

Account and Title	Bal Brought Fwd 7/1/79	Receipts/ Apprn's	Total	Disbursements	Balance 6/30/80
<b>Federal Fund</b>					
G-205-G Federal Fund Holding Acct PL 85-606, PL 920 .....	—	238,422	238,422	238,422	—
G-206-G Federal Fund Holding Acct Employers Fringe Benefits .....	—	23,936	23,936	20,683	3,253
G-207-G Federal Fund Siren and Equipment Account PL 920 .....	—	123,152	123,152	123,152	—
G-211-G Federal Fund Hawaii County Disaster .....	—	559,000	559,000	559,000	—
<b>General Fund</b>					
G-76-305-G Major Disaster Fund Hawaii County Earthquake .....	85,928	—	85,928	54,370	31,558
G-79-306-G Major Disaster Fund Hawaii County Rainstorm .....	357,524	26,326	383,850	283,070	100,780
G-80-307-G Major Disaster Fund Hawaii County Rain & Flood, Nov, 1979	—	500,000	500,000	224,728	275,272
G-80-308-G Major Disaster Fund All Counties High Winds, Surf & Flood Jan, 1980 .....	—	500,000	500,000	66,926	433,074
G-80-309-G Major Disaster Fund Hawaii County Flood Mar, 1980 .....	—	500,000	500,000	1,452	498,548
<b>Trust Fund</b>					
T-901-G Holding Account HDODEA Group Life Ins Premium .....	250	—	—	250	—
T-903-G Donation & Gifts — Pacific War Memorial Commission .....	1,591	101	1,692	—	1,692
<b>Special Fund</b>					
S-301-G County Contributions for HNG Support .....	7,252	85,900	93,152	92,796	356

## Table 8: Bonds

### Financial Statement — General Obligation Bond Fund

Account and Project Title	Appropriation	Allotment	Disbursement		Balance	
			Prior Year	Current Year	Alloted	Lapsee
<b>Act 218 SLH 1974</b>						
B-74-801-G Replace Disaster Warning Sirens-Design (I-9) .....	25,000	500	330	—	—	170
B-74-802-G Replace Disaster Warning Sirens-Design (I-9) .....	—	24,500	24,500	—	—	—
B-74-803-G Add'l Warning Sirens-Construct (I-10) ....	47,000	34,755	34,755	—	—	—
B-74-802-G Add'l Disaster Warning Sirens-Construct (I-10) .....	—	12,245	—	12,245	—	—
B-74-804-G Radio Controlled Sirens-Construct (I-11)	108,000	—	—	—	—	101,000
B-74-805-G Radio Controlled Sirens-Design (I-11) ....	—	7,000	—	—	—	7,000
<b>Act 195, SLH 1975</b>						
B-75-800-G Replace Disaster Warning Sirens-(I-10) ..	16,000	16,000	9,158	6,841	—	1
B-75-801-G Add'l Disaster Warning Sirens-(I-11) .....	17,000	17,000	—	17,000	—	—
<b>Act 226, SLH 1976</b>						
B-76-800-G Implement Emergency Procedures (Volcano Proj)-(91F-I-J1) .....	50,000	50,000	39,561	—	—	10,439
B-76-801-G Add'l Warning Sirens-Plan/Construction (91E-II-J1) .....	23,000	—	—	—	—	23,000
B-76-801-G Replacement of Disaster Warning Sirens (I-2) .....	16,000	16,000	—	12,514	3,486	—
B-76-802-G Add'l Disaster Warning Sirens (I-3) .....	17,000	17,000	—	—	17,000	—
B-76-803-G Plans & Construction for Improvements to Wahiawa NG Armory (IU-M-4) .....	8,500	8,500	—	—	8,500	—
<b>Act 243, SLH 1978</b>						
B-77-801-G Add'l Disaster Warning Sirens (I-8) .....	32,000	32,000	—	—	32,000	—
B-78-801-G Add'l Disaster Warning Sirens (I-8) .....	35,000	12,569	—	—	12,569	—
B-77-800-G Replacement of Disaster Warning Sirens (I-7) .....	28,000	28,000	—	—	28,000	—
B-78-800-G Replacement of Disaster Warning Sirens (I-7) .....	31,000	13,494	—	—	13,494	—
<b>Act 214, SLH 1979</b>						
B-79-800-G Plans & Construction for Improvements to Wahiawa NG Armory (I-17) .....	1,000	1,000	—	—	1,000	—
<b>Total</b> .....	<u>454,500</u>	<u>290,563</u>	<u>108,304</u>	<u>48,600</u>	<u>116,049</u>	<u>141,610</u>

## Table 9: Revenues and Receipts

### Statement of Revenue and Receipts

Source	Deposited to			
	General Fund	Trust Fund	Special Fund	General Fund Operating Accounts
<b>Non-Tax Revenue</b>				
Rental, Buildings .....	720	—	—	—
Rental, Housing Units .....	1,344	—	—	—
Rental of Armories .....	722	—	—	—
Witness or Juror Fees, State Employees .....	6	—	—	—
<b>Reimbursements</b>				
Utilities .....	—	—	—	20,131
Others .....	—	—	—	12,546
Personal Services .....	—	—	—	140,947
Prior Fiscal Year .....	1,098	—	—	—
Vacation Earned, Other Funds & Agencies .....	10,108	—	—	—
<b>Federal Funds</b>				
Recovery of Indirect Costs .....	52,553	—	—	—
Hawaii National Guard O & M Service Contracts .....	—	—	—	271,593
Civil Defense Grant-in-Aid Matching Fund				
PL 85-606, PL 920 .....	—	—	—	201,435
RADEF Contract (208) .....	—	—	—	28,850
Civil Defense Preparedness Instructional Contract (209) .	—	—	—	6,579
Disaster Preparedness Planning Grant (210) .....	—	—	—	15,413
Nuclear Civil Protection Planning Program (212) .....	—	—	—	37,565
Civil Defense EOC (207) .....	—	—	—	123,152
Contribution for Fringe Benefits (206) .....	—	—	—	23,936
Earthquake Hazards Effects Study & Contingency				
Response Plan (214) .....	—	—	—	45,960
<b>Trust Fund</b>				
Pacific War Memorial Commission .....	—	101	—	—
<b>Special Fund</b>				
County Contribution for HNG Support .....	—	—	85,900	—
<b>Total</b> .....	<u>66,551</u>	<u>101</u>	<u>85,900</u>	<u>928,107</u>

## Table 10: Construction and Maintenance

### Major Projects

	Federal	State	Total
Electrical system improvements at 22nd Avenue, Honolulu, Oahu .....	—	\$ 50,507	\$ 50,507
Installation and replacement of disaster warning systems, Oahu .....	\$143,852	143,851	287,703
Intrusion detection system, statewide .....	—	35,840	35,840
Replacement of disaster warning sirens, Molokai .....	9,487	9,486	18,973
Wahiawa National Guard Armory improvements, Wahiawa, Oahu .....	—	8,500	8,500

### Repair and Maintenance: Federal Reimbursements Received

Air National Guard service contract (Hickam) .....	\$340,168
Air National Guard service contract (Barking Sands & Keaukaha Military Reservation) .....	43,500
Army National Guard service contract .....	239,300
Army National Guard training site contract .....	138,900

### Minor Construction Projects Awarded

Hawaii Air National Guard	Federal	State	Total
Alter Building No. 1, Mt. Kaala, Oahu .....	\$56,000	\$14,000	\$70,000
Alter storage area into office, Kokee AFS, Kauai .....	1,360	340	1,700
Construct electric power distribution system, Building 3382, Hickam AFB, Oahu .....	4,066	1,017	5,083
Construct Halon 1301 system, Building 3400 "B," Hickam AFB, Oahu ..	16,860	4,215	21,075
Construct parts and test room, Building 3380, Hickam AFB, Oahu .....	1,736	434	2,170
Fabricate and install new drapes, Building 3382, Hickam AFB, Oahu ....	1,011	253	1,264
Fabricate and install new drapes, Building 3400 "B," Hickam AFB, Oahu .....	601	150	751
Hawaii Army National Guard	Federal	State	Total
Construct the gate for CSMS #2, Keaukaha Military Reservation, Hilo, Hawaii .....	\$ 863	\$ 287	\$ 1,150
Fuel dispensing system, Kealakekua Armory site, Kealakekua, Hawaii ..	14,033	4,678	18,711
Installation of air conditioning ducts, Band Room, Building 300A, Honolulu, Oahu .....	—	2,355	2,355
Install exhaust duct for the Ozalid machine for Headquarters HANG in Building 306A, 3949 Diamond Head Road, Honolulu, Oahu .....	—	400	400
Install safety walks at existing lube rack, CSMS #2, Hilo, Hawaii .....	4,588	1,529	6,117
Install three each span guards (government-furnished) on 12 KV primary overhead lines in Diamond Head Crater, Oahu .....	269	89	358
Install 20' vehicular gate and extend existing Department of Defense fence line to SECO School fence line, Building 90, Honolulu, Oahu ...	—	1,788	1,788
Install walkway to helipad, Diamond Head Crater, Oahu .....	—	2,200	2,200
Modification to commanding general's office, Building 306, 3949 Diamond Head Road, Honolulu, Oahu .....	—	2,315	2,315
Labor charges to add suppressor to the incoming-light side to prevent power surge and burning out all the lamps at Army Aviation Support Facility, Wheeler AFB, Oahu .....	185	62	247
Noise barrier to A.C. chiller units, 3949 Diamond Head Road, Honolulu, Oahu .....	—	5,211	5,211
Protective fence for AASF, Wheeler AFB, Oahu .....	2,115	705	2,820
Pump shed .....	—	2,323	2,323
State Civil Defense	Federal	State	Total
Miscellaneous work at Battery Birkhimer, Diamond Head Crater, Oahu .	—	\$ 5,093	\$ 5,093
Wall covering of vice director's office, Birkhimer EOC, Diamond Head Crater, Oahu .....	—	1,869	1,869

## Table 10: Construction and Maintenance (Continued)

### Repair and Maintenance Contracts Awarded

Hawaii Air National Guard	Federal	State	Total
Additional repair work for repair of Building 613, Keaukaha Military Reservation, Hilo, Hawaii .....	\$10,430	\$ 2,608	\$13,038
Cut down coconuts and dried leaves from 16 trees .....	126	32	158
Eradication of bird lice throughout Building 613, Hilo, Hawaii .....	450	150	600
Maintain (repaint) building exterior, Hickam AFB, Oahu .....	4,000	1,000	5,000
Maintain (repaint) building exterior/interior, Hickam AFB, Oahu .....	7,200	1,800	9,000
Maintain/repair various buildings, Kokee AFS, Kauai .....	51,200	12,800	64,000
Maintain roof, Building 3400, Lean-to A and B, Hickam AFB, Oahu .....	20,200	5,050	25,250
Maintain 201st CMBCG organization parking area, Hickam AFB, Oahu ..	27,600	6,900	34,500
Modify Room 216, Building 3400, Hickam AFB, Oahu .....	4,062	1,016	5,078
Remove existing galvanized corrugated roofing and install new aluminum (0.30) corrugated roofing on vehicle shed roof, Building 613 and also install wall flashing on Building 613, Hilo, Hawaii .....	2,519	840	3,359
Remove and install government-furnished double doors, 3'8" x 7'0", hollow metal doors and new jamb, Building 3400 "A," Hickam AFB, Oahu .....	624	156	780
Remove and replace approximately 30 feet of 4" diameter copper gutter downspout and wolder joints and strapping as required at Building 3400 "A," Hickam AFB, Oahu .....	584	146	730
Remove and replace two Bradley wash fountains, Building 3400 "B," Hickam AFB, Oahu .....	440	110	550
Repaint Building 3515, Hickam AFB, Oahu .....	1,869	467	2,336
Repair aircraft parking apron, COMPG, Hickam AFB, Oahu .....	80,000	20,000	100,000
Repair roof, Buildings 3428 and 3429, Hickam AFB, Oahu .....	7,826	1,957	9,783
Resurface OPS parking area, Hickam AFB, Oahu .....	3,820	955	4,775
Waterproof roof, Buildings 3402 and 3404, Hickam AFB, Oahu .....	3,856	964	4,820
<b>Hawaii Army National Guard</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>
Change burnt-out primary fuse by the water tank at Koko Head, Honolulu, Oahu .....	—	\$ 225	\$ 225
Connection to electrical power from Building 90 to STMP due to high winds toppling telephone pole, Honolulu, Oahu .....	—	340	340
Dye penetrant test of main hoist hook and weight load test of crane, CSMS #1, Honolulu, Oahu .....	\$ 176	58	234
Emergency repair to check and change fuse for water tank at Koko Head, Honolulu, Oahu .....	—	1,988	1,988
Emergency repair of electrical lines at Koko Head, Honolulu, Oahu .....	—	1,900	1,900
Emergency repair — removed and replaced three each 375 KVA transformers .....	—	3,767	3,767
Emergency repair to replace fuse at STMP, 487th and 29th Brigade and also dead end primary lines to sewer pump transformer, Building 306, 3949 Diamond Head Road, Honolulu, Oahu .....	—	217	217
Emergency repair of telephone pole on Diamond Head Road, Honolulu, Oahu .....	—	894	894
Furnish labor and materials for the repair of sliding gates No. 5 in Diamond Head Crater, Oahu .....	—	166	166
Furnish labor and materials for the repair of taxiway and landing pad lights, Army Aviation Support Facility, Wheeler AFB, Oahu .....	—	517	517
Furnish periodic security guard services, Diamond Head Area, Honolulu, Oahu .....	2,100	5,899	7,999
Ground treatment for termites, storage shed and USPFO warehouse, Diamond Head Crater, Oahu .....	168	56	224



**Table 10: Construction and Maintenance (Continued)**

<b>Hawaii Army National Guard</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>
Inspection of overhead crane, CSMS #1, Diamond Head Crater, Oahu	156	52	208
Labor and materials for load testing of crane at CSMS #1, Building 304, Diamond Head Crater, Oahu .....	525	175	700
Mulching around new helipad in Diamond Head Crater, Oahu .....	—	520	520
Recoating of assembly hall roof, Building 300, Honolulu, Oahu .....	—	4,600	4,600
Remove existing ceiling diffuser and add new 12 x 12 three-way ceiling diffuser, Contracting and Engineering Office, Building 306, 3949 Diamond Head Road, Honolulu, Oahu .....	—	150	150
Removed peripheral turbine water pump, examine for repairs, installed new Aurora 4-BX peripheral turbine pump, Tank #1, Koko Head, Honolulu, Oahu .....	—	1,685	1,685
Repaint selected interior surfaces, AASF, Wheeler AFB, Oahu .....	1,322	440	1,762
Repair broken water pipe at meter at Hawaii School, Honolulu, Oahu ...	—	512	512
Repairs to Building 28, MATES, Waiawa, Oahu .....	4,750	—	4,750
Repair damaged fence line at MATES, Pearl City, Oahu .....	743	—	743
Repair damaged main tunnel gate — replace gate stops on both gates, Diamond Head Tunnel, Honolulu, Oahu .....	—	386	386
Repair of fence at OMS, Paukukalo, Maui .....	2,648	882	3,530
Repair of roof top of Building 27, MATES, Pearl City, Oahu .....	2,496	—	2,496
Repair of roof top of Building 63, MATES, Pearl City, Oahu .....	1,482	—	1,482
Repair sliding doors, various buildings, MATES, Waiawa, Oahu .....	10,620	—	10,620
Repair of 10-ton bridge crane at CSMS #1, Building 304, Diamond Head Crater, Oahu .....	2,736	912	3,648
Repair of water pump #2 at Koko Head, Honolulu, Oahu .....	—	984	984
Repair of windward side of Honokaa Armory Roof, Honokaa, Hawaii .....	—	3,600	3,600
Replace barbed wire at existing fence line, Kapaa Armory, Kapaa, Kauai .....	—	976	976
Replace burned out switch for #2 water pump and test transformer at Koko Head, Oahu .....	—	474	474
Replace column at Building 65, MATES, Waiawa, Oahu .....	1,865	—	1,865
Replace damaged gate — includes gate poles and complete gate with wire at Tank #3, Koko Head, Honolulu, Oahu .....	—	548	548
Replace doors at Wailuku Armory, Wailuku Armory, Wailuku, Maui .....	—	6,200	6,200
Replace existing door "buck," Wailuku, Maui .....	—	445	445
Replace existing secondary bus duct enclosure, service existing switch gear, Koko Head, Honolulu, Oahu .....	—	3,959	3,959
Replace 185/80 ¼" jalousies complete with screens and cranks of classrooms at Kapaa Armory, Kapaa, Kauai .....	—	2,462	2,462
Reroof Building 302, Honolulu, Oahu .....	—	26,259	26,259
Reroof Building 621, Keaukaha Military Reservation, Hilo, Hawaii .....	—	49,995	49,995
Splice cable for helicopter pad at AASF, Wheeler AFB, Oahu .....	386	129	515
Termite treatment of Building 262, Honolulu, Oahu .....	—	2,174	2,174
Trim, defruit and haul away all cuttings from total of 20 coconut trees at Building 300, Buildings 301 & 303, Honolulu, Oahu .....	—	208	208
Trimming of 49 keawe (Algaroba) and monkeypod trees, located on Puu Panini Avenue on 3949 Diamond Head Road areas, Honolulu, Oahu .	—	832	832
<b>State Civil Defense</b>	<b>Federal</b>	<b>State</b>	<b>Total</b>
Replaced raintight disconnect safety switch, four-wire 100 amp at Birkhimer EOC, Diamond Head Crater, Oahu .....	—	\$ 585	\$ 585
Replacement of disaster warning sirens, Molokai .....	\$ 9,487	9,486	18,973
Traced and located underground 2" galvanized water line at Birkhimer EOC, Diamond Head Crater, Oahu .....	—	125	125

**Station List of Units**  
**Principal Commanders**  
**and Staff Officers**  
**Awards and Decorations**  
**Service Schools Completed**

## Hawaii Army National Guard: Station List of Units

UNIT	STATION	FEDERAL RECOG. DATE
HQ & HQ Det.	Honolulu, Oahu	9 Sep 46
111th Army Band	Honolulu, Oahu	10 Sep 46
117th Public Affairs Det.	Honolulu, Oahu	1 May 60
<b>Headquarters Installation Command</b>		
298th Engineer Det.	Pearl City, Oahu	1 Apr 70
<b>159th Service Bn.</b>		
HHD, 159th Service Bn.	Honolulu, Oahu	3 May 48
12th Administration Co.	Honolulu, Oahu	15 Nov 48
291st Maintenance Co.	Waimanalo, Oahu	29 Jun 48
829th Maintenance Co.	Honolulu, Oahu	30 Sep 46
628th Ordnance Det.	Honolulu, Oahu	1 Mar 80
<b>297th Supply and Service Bn.</b>		
HHC, 297th Supply and Service Bn.	Wahiawa, Oahu	17 Nov 47
229th Medical Co.	Honolulu, Oahu	15 Nov 65
292nd Supply and Service Co.	Wahiawa, Oahu	15 Dec 47
329th Quartermaster Co.	Honolulu, Oahu	8 Jan 51
1154th Transportation Co.	Honolulu, Oahu	1 Apr 73
<b>Command &amp; Control HQ, Hawaii</b>		
Command & Control HQ, Hawaii	Pearl City, Oahu	1 Oct 78
227th Engineer Co.	Pearl City, Oahu	17 Apr 47
Troop E, 19th Cavalry	Wahiawa, Oahu	17 Dec 67
293rd Service Co.	Wheeler AFB, Oahu	17 Dec 67
<b>29th Infantry Brigade</b>		
HHC, 29th Infantry Bde.	Honolulu, Oahu	4 Jan 54
<b>1st Battalion, 487th Field Artillery</b>		
HQ & HQ Battery	Honolulu, Oahu	27 Jan 47
Battery A	Honolulu, Oahu	15 May 47
Battery B	Honolulu, Oahu	15 Nov 65
Battery C	Kaneohe, Oahu	29 Sep 47
Service Battery	Honolulu, Oahu	22 Jan 72

**1st Battalion, 299th Infantry**

HQ & HQ Co.	Wailuku, Maui	22 Oct 46
Support Co. (-Det. 1)	Honolulu, Oahu	12 Feb 67
Det. 1, Support Co.	Kaunakakai, Molokai	10 Mar 47
Co. A	Honolulu, Oahu	15 Sep 47
Co. B (-Det. 1)	Kapaa, Kauai	28 Oct 46
Det. 1, Co. B	Hanapepe, Kauai	9 Jun 47
Co. C	Kahului, Maui	26 Jun 47

**2nd Battalion, 299th Infantry**

HQ & HQ Co.	Hilo, Hawaii	8 Oct 46
Support Co. (-Det. 1)	Kealahou, Hawaii	15 Aug 47
Det. 1, Support Co.	Hilo, Hawaii	1 Jun 77
Co. A (-Det. 1)	Keaau, Hawaii	12 Nov 47
Det. 1, Co. A	Pahala, Hawaii	4 May 47
Co. B	Hilo, Hawaii	5 May 47
Co. C (-Det. 1)	Honokaa, Hawaii	16 Jun 47
Det. 1, Co. C	Kapaau, Hawaii	13 Jul 47

**Hawaii Air National Guard: Station List of Units**

UNIT	STATION	FEDERAL RECOG. DATE
HQ, Hawaii Air National Guard	3949 Diamond Head Road Honolulu, Hawaii	1 Jan 52
HQ, 154th Composite Group	Hickam AFB, Oahu	1 Oct 78
199th Tactical Fighter Squadron	Hickam AFB, Oahu	4 Nov 46
154th U.S. Air Force Clinic	Hickam AFB, Oahu	1 Dec 60
154th Combat Support Squadron	Hickam AFB, Oahu	20 Jul 63
154th Consolidated Aircraft Maintenance Squadron	Hickam AFB, Oahu	1 Dec 65
154th Security Police Flight	Hickam AFB, Oahu	14 Jan 79
154th Resource Management Squadron	Hickam AFB, Oahu	1 Jul 79
154th Civil Engineering Flight	Hickam AFB, Oahu	18 Dec 59
150th Aircraft Control and Warning Squadron (Fixed)	Kokee AFS, Kauai	21 Oct 61
169th Aircraft Control and Warning Squadron (Fixed)	Mount Kaala AFS, Oahu	7 Oct 56
199th Weather Flight	Hickam AFB, Oahu	4 Nov 46
HQ, 201st Combat Communications Group	Hickam AFB, Oahu	10 Dec 75
201st Combat Communications Squadron (TAB)	Hilo, Hawaii	1 Mar 76
201st Air Traffic Control Flight	Kealahou, Hawaii	13 Oct 67
202nd Air Traffic Control Flight	Barking Sands, Kauai	1 Mar 76
201st Combat Communications Flight	Wailuku, Maui	13 Oct 67
202nd Combat Communications Flight	Hickam AFB, Oahu	13 Oct 67

## **Hawaii Army National Guard Principal Commanders and Staff Officers**

Assistant Adjutant General, Army;  
Commander, Hawaii Army National Guard ..... Col. Alexis T. Lum

### **Headquarters**

Chief of Staff ..... Col. Paul K. Nakamura  
G1 ..... Col. Saburo Ito  
G2 ..... Col. Melvin G. Ing  
G3 ..... Col. Melvin Alencastre  
G4 ..... Col. Charles M. Wills Jr.  
Comptroller ..... Lt. Col. Arthur T. Yamamoto  
Selective Service Officer ..... Col. Norman F. Camara  
Inspector General ..... Maj. Melvin S. M. Ozeki  
Surgeon ..... Lt. Col. Leonard R. Howard  
Chaplain ..... Lt. Col. Carl K. Kinoshita  
Staff Judge Advocate ..... Capt. Raymond S. Iwamoto  
State Area Command Director ..... Col. Ellsworth M. Bush  
Commandant (Hawaii Military Academy) ..... Lt. Col. Donald M. Oura  
Headquarters and Headquarters Detachment ..... Maj. Richard Y. Miyamoto

### **Headquarters Installation Command**

Commander ..... Col. Earl N. Thompson  
Executive Officer ..... Lt. Col. Alvin S. Cabrinha  
S1 ..... Maj. Robert M. Watanabe  
S2/S3 ..... Lt. Col. Melvin M. Ida  
S4 ..... Lt. Col. William Y. Yamada  
297th Supply and Service Battalion ..... Lt. Col. Edward C. Masuoka  
159th Service Battalion ..... Lt. Col. Haruo Shigezawa  
Command and Control Headquarters, Hawaii ..... Lt. Col. John R. D'Araujo Jr.  
298th Engineer Detachment ..... Capt. Richard E. McCabe

### **29th Infantry Brigade**

Commander ..... Col. Louis W. Perry Jr.  
Executive Officer ..... Lt. Col. Louis N. H. M. Miranda Jr.  
S1 ..... Maj. Edward M. L. Yee  
S2 ..... Maj. Michael R. Fielding  
S3 ..... Maj. George F. Sheridan Jr.  
S4 ..... Maj. Robert R. Bean  
Headquarters and Headquarters Company,  
29th Infantry Brigade ..... Capt. Richard A. Lum  
1st Battalion, 487th Field Artillery ..... Lt. Col. Richard T. Murakami  
1st Battalion, 299th Infantry ..... Maj. Thomas E. Weeks  
2nd Battalion, 299th Infantry ..... Lt. Col. Henry S. Hara

### **Other Units**

111th Army Band ..... CWO 3 Jules D. Castro  
117th Public Affairs Detachment ..... Capt. Gail K. Oura

## **Hawaii Air National Guard**

### **Principal Commanders and Staff Officers**

Assistant Adjutant General, Air;

Commander, Hawaii Air National Guard ..... Brig. Gen. Arthur U. Ishimoto

### **Headquarters**

Chief of Staff ..... Col. Edward V. Richardson  
 Director of Operations ..... Lt. Col. Kenji Sumida  
 Director of Logistics ..... Maj. David M. Rodrigues  
 Director of Personnel Management ..... Lt. Col. Kazuo Yamamoto  
 Air Surgeon ..... Col. Casimer Jasinski  
 Judge Advocate ..... Col. John S. Carroll  
 Comptroller ..... Maj. John I. Oshiro

### **154th Composite Group**

Commander ..... Col. John S. W. Lee  
 Deputy Commander for Operations ..... Col. Ritchie K. Kunichika  
 Deputy Commander for Maintenance ..... Col. Allen M. Mizumoto  
 Deputy Commander for Resources ..... Lt. Col. Richard S. Furuno  
 199th Tactical Fighter Squadron ..... Lt. Col. Lawrence C. Cabrinha  
   Operations Officer ..... Maj. Michael H. Tice  
 154th Civil Engineering Flight ..... Lt. Col. Cedric D. O. Chong  
 154th Combat Support Squadron ..... Lt. Col. Richard M. Settsu  
 154th Consolidated Aircraft Maintenance Squadron ..... Lt. Col. Norman C. Ault Jr.  
 154th Resource Management Squadron ..... Lt. Col. Richard S. Furuno  
 154th Security Police Flight ..... Maj. Warren W. K. Chung  
 154th U.S. Air Force Clinic ..... Lt. Col. Walter W. Y. Chang  
 150th Aircraft Control and Warning Squadron ..... Lt. Col. Raymond J. Moriguchi  
   Weapons Director Staff Officer ..... Lt. Col. Owen D. Ota  
 169th Aircraft Control and Warning Squadron ..... Lt. Col. Donald M. O'Day  
   Weapons Director Staff Officer ..... Lt. Col. Nelson T. Moriwaki  
 199th Weather Flight ..... Maj. Christopher W. K. Jay

### **201st Combat Communications Group**

Commander ..... Col. Kiyoshi P. Goya  
 Deputy Commander ..... Lt. Col. Ernest T. Shima  
 201st Combat Communications Squadron ..... Lt. Col. David F. Howard  
 201st Air Traffic Control Flight ..... Capt. Russell K. N. Mun  
 202nd Air Traffic Control Flight ..... Maj. James N. Kurita  
 201st Combat Communications Flight ..... Capt. Jeffrey H. Okazaki  
 202nd Combat Communications Flight ..... Maj. Roy A. Matsumura



## Hawaii Army National Guard: Awards and Decorations

### Commanding General's Trophy

Command and Control Headquarters, Hawaii  
 Lt. Col. John R. D'Araujo Jr., Commander  
 Awarded for achieving the highest percentage increase, 25 percent, in assigned strength for the 1979 calendar year.

### Non-Commissioned Officer of the Year

Staff Sgt. Kenneth M. Tenno  
 229th Medical Company

### Soldier of the Year

Spec. 4 Paul K. Vigilla Jr.  
 Headquarters and Headquarters Company  
 2nd Battalion, 299th Infantry

### Hawaii National Guard Medal for Merit

Granted for exceptionally meritorious service.  
 Brig. Gen. John E. Aiona Jr.  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard  
 Brig. Gen. Thomas S. Ito  
 Headquarters and Headquarters Company  
 29th Infantry Brigade  
 Col. Ellsworth M. Bush  
 Headquarters and Headquarters Company  
 29th Infantry Brigade  
 Col. Solomon W. Kaulukukui  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard  
 (First Silver Kahili Device)  
 Lt. Col. Manuel DeMello Jr.  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard  
 Lt. Col. Donald M. Oura  
 Headquarters and Headquarters Company  
 1st Battalion, 299th Infantry  
 Lt. Col. Louis W. Perry Jr.  
 Headquarters and Headquarters Battery  
 1st Battalion, 487th Field Artillery  
 Maj. Nelson M. Kunitake  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard  
 Capt. Victor K. C. Chun  
 Troop E, 19th Cavalry  
 Chief Warrant Officer 4 Theodore H. B. Wong  
 Headquarters Installation Command  
 Master Sgt. Walter F. L. Yap  
 12th Administration Company

### Hawaii National Guard Commendation Medal

Granted for meritorious and dedicated service.  
 Lt. Col. Curtis J. Herrick  
 3d Squadron, 4th Cavalry, 25th Infantry Division  
 Lt. Col. Wayne G. Janssen  
 U.S. Army Readiness Element  
 U.S. Army Western Command  
 Lt. Col. Howard C. Shiery II  
 U.S. Army Readiness Element  
 U.S. Army Western Command  
 Lt. Col. John D. Veatch  
 Office of the Inspector General  
 U.S. Army Western Command  
 Maj. Raymond Adams  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard  
 Maj. Wayne R. Clotfelter  
 U.S. Army Readiness Element  
 U.S. Army Western Command  
 Maj. Tony D'Huyvetter  
 U.S. Army Readiness Element  
 U.S. Army Western Command  
 Maj. Edgar L. Smith  
 Headquarters and Headquarters Company  
 1st Battalion, 35th Infantry, 25th Infantry Division  
 Maj. Benjamin C. Thornal III  
 Armor Corps, U.S. Army Readiness Element  
 U.S. Army Western Command  
 Maj. Roy H. Yamashita  
 Troop E, 19th Cavalry  
 Capt. Robert A. Broderick  
 Headquarters and Headquarters Company  
 297th Supply and Service Battalion  
 Capt. Frederic W. Kleve Jr.  
 298th Engineer Detachment  
 Capt. Bernard K. Takano  
 Headquarters and Headquarters Company  
 297th Supply and Service Battalion  
 Chief Warrant Officer 4 John F. Roney  
 Headquarters and Headquarters Company  
 29th Infantry Brigade  
 Chief Warrant Officer 3 Verne D. Comstock  
 Headquarters and Headquarters Company  
 29th Infantry Brigade  
 Chief Warrant Officer 3 Earl R. Young  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard  
 Master Sgt. Harold J. Herras  
 298th Engineer Detachment  
 Sgt. 1st Class Roy I. Aoki  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard

Sgt. 1st Class Richard O. Cabalse  
 Battery C, 1st Battalion  
 487th Field Artillery

Sgt. 1st Class Ernest N. Chang Jr.  
 Battery C, 1st Battalion  
 487th Field Artillery (First Silver Kahili Device)

Sgt. 1st Class James R. Gann  
 U.S. Army Readiness Element  
 U.S. Army Western Command

Sgt. 1st Class Walter K. Holau  
 Battery C, 1st Battalion  
 487th Field Artillery

Sgt. 1st Class Joseph W. Lauer  
 Office of the Inspector General  
 U.S. Army Western Command

Staff Sgt. Norman C. Akau Sr.  
 Battery B, 1st Battalion  
 487th Field Artillery

Staff Sgt. William P. Haalilio  
 Battery B, 1st Battalion  
 487th Field Artillery

Staff Sgt. Bruce H. Hidano  
 Battery C, 1st Battalion  
 487th Field Artillery

Staff Sgt. Robert N. Inouye  
 Battery B, 1st Battalion  
 487th Field Artillery

Staff Sgt. Cupid L. Joseph III  
 Battery C, 1st Battalion  
 487th Field Artillery

Staff Sgt. Edward F. Uratani  
 Headquarters and Headquarters Company  
 29th Infantry Brigade

Sgt. Paul C. Lakin  
 Battery B, 1st Battalion  
 487th Field Artillery

Sgt. Tetsuo Matsubara  
 Headquarters and Headquarters Company  
 29th Infantry Brigade

Spec. 5 Catherine P. Ballie  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard

#### **Army Commendation Medal**

Granted for meritorious service.

Lt. Col. George T. Honjiyo  
 Headquarters Installation Command  
 (First Oak Leaf Cluster)

Lt. Col. Philip L. King  
 Headquarters Installation Command

Lt. Col. Myles M. Nakatsu  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard

Capt. Dennis A. Kamimura  
 Troop E, 19th Cavalry (First Oak Leaf Cluster)

Capt. Dennis M. Madeira  
 829th Maintenance Company

Capt. Norma V. McDonald  
 12th Administration Company

Capt. Eugene H. B. Young  
 291st Maintenance Company

Chief Warrant Officer 4 Richard M. Kondo  
 12th Administration Company

Warrant Officer Christopher H. L. Ching  
 Headquarters and Headquarters Detachment  
 159th Service Battalion

Warrant Officer Edmund Y. Okada  
 829th Maintenance Company

Sgt. Maj. George Cho  
 Headquarters and Headquarters Company  
 29th Infantry Brigade (First Oak Leaf Cluster)

Sgt. Maj. Harold S. Shinsato  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard

1st Sgt. Edgar W. Alexander  
 291st Maintenance Company (First Oak Leaf Cluster)

1st Sgt. Jonah I. Hema  
 829th Maintenance Company (First Oak Leaf Cluster)

Master Sgt. Isamu Oya  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard

Platoon Sgt. Joaquin N. Arruda Jr.  
 Company B, 1st Battalion  
 299th Infantry

Platoon Sgt. Manuel Sylva  
 829th Maintenance Company

Sgt. 1st Class Elmer C. L. Pang  
 Combat Support Company  
 1st Battalion, 299th Infantry

Staff Sgt. Ronald R. Ayonon  
 Combat Support Company  
 1st Battalion, 299th Infantry

Staff Sgt. Edward D. Estoesta  
 Troop E, 19th Cavalry

Staff Sgt. Milton M. Imada  
 Headquarters and Headquarters Detachment  
 Hawaii Army National Guard

Staff Sgt. Wallace M. Kawakami  
 829th Maintenance Company

Staff Sgt. Harry T. Nishida  
 Troop E, 19th Cavalry

Sgt. Dennis J. Hara  
 829th Maintenance Company

Spec. 5 Rodney J. Hashimoto  
 12th Administration Company

Spec. 4 Jyun K. Yamamoto  
 Troop E, 19th Cavalry

Pfc. Jeffrey J. Omalza  
 Troop E, 19th Cavalry

**Aviator of the Year**

Maj. Nelson M. Kunitake  
Headquarters, Hawaii Army National Guard

**Aviation Enlisted Member of the Year**

Sgt. Alan M. Ichiki  
Aviation Section, 29th Infantry Brigade

**Hawaii Air National Guard: Awards and Decorations****George T. Miki Memorial Trophy** (outstanding air weapons controller)

Lt. Col. Norman G. E. Chang  
169th Aircraft Control and Warning Squadron

**James Y. Sato Memorial Award** (outstanding improvements in efficiency)

Lt. Col. Norman G. E. Chang  
169th Aircraft Control and Warning Squadron

**Outstanding Fighter Pilot**

Lt. Col. Joseph A. Ah New Jr.  
199th Tactical Fighter Squadron

**Outstanding Weapons System Officer**

Maj. Richard C. Hastings  
199th Tactical Fighter Group

**Outstanding Airman**

Airman Napua N. Sugai  
150th Aircraft Control and Warning Squadron

**Outstanding Non-Commissioned Officer**

Tech. Sgt. Rodney N. Correa  
154th Civil Engineering Flight

**Outstanding Senior Non-Commissioned Officer**

Master Sgt. Seiichi Tsutsui  
169th Aircraft Control and Warning Squadron

**Outstanding Officer**

Maj. Gerald T. Revuelto  
150th Aircraft Control and Warning Squadron

**Outstanding Unit**

169th Aircraft Control and Warning Squadron

**Attendance Trophy**

199th Weather Flight

**Hawaii National Guard Medal for Merit**

Granted for exceptionally meritorious service.

Col. Robert S. Johnson  
326th Air Division, U.S. Air Force

**Hawaii National Guard Commendation Medal**

Granted for meritorious and dedicated service.

Master Sgt. John Y. Sabey  
Headquarters, Hawaii Air National Guard  
Lt. Col. Norman G. E. Chang  
169th Aircraft Control and Warning Squadron

Tech. Sgt. Thomas Lapera  
201st Combat Communications Flight

Lt. Col. Michio Niya  
169th Aircraft Control and Warning Squadron

**Hawaii Army National Guard: Service Schools Completed**

	Officers	Enlisted Personnel
Academy of Health Sciences; Fort Samuel Houston, Texas .....	1	
Air Defense School; Fort Bliss, Texas .....	1	
American College of Obstetricians and Gynecologists .....	1	
Armament Materiel Readiness Command; Pine Bluff, Arkansas .....		1
Armor School; Fort Knox, Kentucky .....	1	
Aviation Center and School; Fort Rucker, Alabama .....	13	2
CAMMS Controller School; Fort Leavenworth, Kansas .....	2	
Command and General Staff College; Fort Leavenworth, Kansas .....	3	
Defense Information School; Fort Benjamin Harrison, Indiana .....		7
Field Artillery School; Fort Sill, Oklahoma .....	16	5
Field Safety Activity Center; Charlestown, Indiana .....	1	
Infantry School; Fort Benning, Georgia .....	4	
Inspector General Agency; Washington, D. C. ....	1	
Institute of Administration; Fort Benjamin Harrison, Indiana .....	4	6
Judge Advocate General School; Charlottesville, Virginia .....	3	
Logistics Management Center; Fort Lee, Virginia .....	1	
Military Intelligence School; Fort Huachuca, Arizona .....	1	
Ordnance Center and School; Aberdeen Proving Ground, Maryland .....	1	2
Quartermaster School; Fort Lee, Virginia .....	3	
Safety Center; Fort Rucker, Alabama .....	1	
Senior College Selectee Orientation; Washington, D. C. ....	1	
Transportation School; Fort Eustis, Virginia .....	2	
25th Infantry Division School; Schofield Barracks, Hawaii .....	21	38
United States Army Reserve School (4960); Fort DeRussy, Hawaii .....	6	
Unit Schools .....	<u>158</u>	<u>335</u>
<b>Total</b> .....	246	396

**Hawaii Air National Guard: Service Schools Completed**

	Officers	Airmen
Brooks AFB, Texas		
Environmental Health Specialist .....		1
Chanute AFB, Illinois		
Vehicle Integrated Management Systems .....		1
General Purpose Vehicle Air Condition O/I .....		1
Automotive AC Electrical System .....		2
Avionics Instrument System Specialist .....		1
Jet Engine Mechanic .....		1
Aircraft Maintenance Officer/Jet Engine Accident Investigation .....	1	
Aircraft Maintenance Officer (Accelerated) .....	1	
General Purpose Automatic Transmission Maintenance .....		1
Weather Specialist .....		2
Airframe Repair Specialist .....		1
Aerospace Ground Equipment Mechanic .....		2
General Purpose Vehicle Mechanic .....		4
Analog Flight Simulator Specialist .....		1
Aircrew Life Support Specialist .....		1
Jet Engine Mechanic .....		3
Fuels Specialist .....		1
Fort Benjamin Harrison, Indiana		
Information Officer .....	1	

Fort Lesley J. McNair, Washington, D.C.		
Reserve Component Defense Strategy .....	1	
George AFB, California		
AN/ARN 127 VOI ILS Maintenance .....		1
Hickam AFB, Hawaii		
Home Station Training, Pilot, F-4 .....	3	
Home Station Training, Weapon Systems Officer, F-4 .....	4	
Solid State and Integrated Circuit Devices .....		5
Digital Techniques .....		2
Holloman AFB, New Mexico		
Basic Tactical Lead-In .....	2	
Keesler AFB, Mississippi		
Air Traffic Control Operator .....		4
High Reliability Soldering and Connections .....		4
C-E Staff Structure and Mission .....	3	
C-E System Employment I .....	1	
Ground Radar Communications Equipment Repairman .....		2
AN/GRC 171 O/I Maintenance .....		1
Air Traffic Control Radar Specialist .....		1
Terminal Instruction Procedures .....		1
Personnel Specialist .....		1
Aerospace Control and Warning System Operator (Manual/ANG) .....		5
Radio Relay Equipment Repairman .....		5
Radio Operator .....		5
Staff Support Administration Specialist .....		3
Electronic Warfare System Specialist .....		2
Avionics Navigational System Specialist .....		1
Kirtland AFB, New Mexico		
Nuclear Emergency Team/Operations .....	1	
Lackland AFB, Texas		
Security Specialist .....		2
Small Arms Specialist .....		1
Air National Guard Recruiter .....		1
Air National Guard Recruiting Management .....	2	
Flight Screening Program .....	1	
Lowry AFB, Colorado		
Food Service Specialist .....		3
Weapon Control System Mechanic .....		3
Munitions Maintenance Specialist .....		2
Aerospace Photographic System Specialist .....		1
Weapons Mechanic Tactical/ANG-Reserve .....		2
Disaster Preparedness Specialist/Officer, Air Reserve Forces, Phase I .....	1	
Munitions Officer .....	1	
Fundamentals of USAF Safety Program .....		2
Disaster Preparedness Specialist, Phase II .....		2
Deputy Commander for Resources .....	1	
Luke AFB, Arizona		
USAF Operational Training .....	2	
March AFB, California		
Radiologic Specialist, Phase II .....		1

Maxwell AFB, Alabama		
Air Command and Staff College Orientation .....	1	
McGhee Tyson Air Base, Tennessee		
Academy of Military Science .....		5
Air National Guard Non-commissioned Officer Academy, Long Course .....		1
Air National Guard Non-commissioned Officer Academy, Phase I .....		2
Air National Guard Leadership School, Phase II .....		4
Minneapolis-St. Paul IAP, Minnesota		
Airlift of Hazardous Materials (Initial) .....		3
Nashville, Tennessee		
Unit Report Managers .....	1	
Nellis AFB, Nevada		
Tactical Fighter Weapons and Tactics .....	2	
Norton AFB, California		
Ground Safety Officer .....	1	
Patrick AFB, Florida		
Defense Race Relations Instructor .....	1	
Richmond, Virginia		
Information Security Management .....	2	
Sheppard AFB, Texas		
Aircraft Maintenance Specialist, Tactical, Phase I/II .....		17
Refrigeration and Air Conditioning Specialist .....		3
Optometry Specialist .....		1
Telephone Equipment Installer Specialist .....		2
Aircraft Corrosion Control .....		2
Passenger and Household Goods Specialist .....		1
RJETS Operations (ANG/AFRes) .....		4
Medical Laboratory Specialist .....		1
Freight Traffic Specialist .....		1
Electrical Power Production Specialist .....		2
Telecommunications System Equipment Specialist .....		2
Biomedical Equipment Maintenance Specialist .....		1
General Accounting Specialist .....		2
Telecommunications Operation Specialist .....		5
Medical Service Specialist .....		1
Environmental Support Specialist .....		1
Telephone Switching Equipment Repairman .....		1
Tyndall AFB, Florida		
Air Weapon Controller Fundamentals and Manual Systems .....	2	
Air Defense, F-4 (Pilot/Weapon Systems Officer) .....	5	
Fighter Controller Dissimilar Air Combat Tactics .....	2	
Vance AFB, Oklahoma		
Undergraduate Pilot Training .....	1	
Wright-Patterson AFB, Ohio		
Base Civil Engineering .....	1	
<b>Total</b> .....	<u>45</u>	<u>148</u>

ECI Course Completions (Voluntary): 197

CDC Course Completions (Mandatory): 187