

Annual Report

Department of Defense, State of Hawaii



Fiscal Year 1971



**The Honorable John A. Burns
Governor of Hawaii
Commander in Chief
Hawaii National Guard**

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Cover: A member of the Department of Defense's Capitol Security Force on duty. The force has the security responsibility for the Capitol, Washington Place, and the Judiciary Building. Photo by Captain Gerry Silva.



STATE OF HAWAII
DEPARTMENT OF DEFENSE
OFFICE OF THE ADJUTANT GENERAL
FORT RUGER, HONOLULU, HAWAII 96816

June 30, 1971

Honorable John A. Burns
Governor of Hawaii

Dear Governor Burns:

In compliance with Section 121-10 of the Hawaii Revised Statutes, submitted herewith is the Annual Report of the Adjutant General of the State of Hawaii for Fiscal Year 1971.

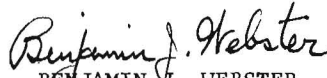
Fiscal Year 1971 was a busy year for the Department of Defense, but it was not as eventful a year as those of the recent past in terms of major changes to our organization and our units. The Army Guard continued intensive efforts to recruit and retain needed personnel and showed steady progress, increasing its percentage of authorized strength from 53.7% at the start of the year to 67.9% on June 30, 1971. This increase was obtained in spite of the many factors prevalent today which mitigate against voluntary joining of reserve units by young men of our communities.

The Air Guard continued to discharge its mission responsibilities in a professional manner and performed well during an unannounced Operational Readiness Inspection conducted by members of the regular Air Force.

Civil Defense continued its efforts in emergency preparedness and made improvements in almost all of its planning and training activities.

The Department of Defense looks ahead to further improvements in mission capability and in service to the people of Hawaii.

Respectfully submitted,


BENJAMIN J. WEBSTER
Major General, HANG
Adjutant General



**Major General Benjamin J. Webster
Adjutant General of Hawaii
Director of Civil Defense**

Highlights of

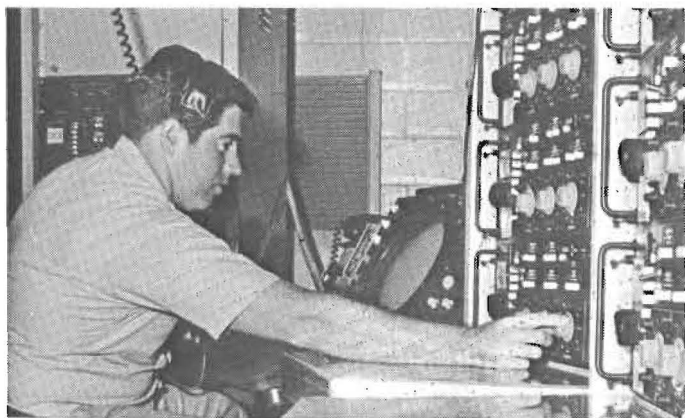
HAWAII AIR NATIONAL GUARD

Fiscal Year 1971 was a stable year for the Hawaii Air National Guard, although its strength decreased slightly.

The active 24-hour air defense of Hawaii was continued by the 154th Fighter Group and the 150th and 169th Aircraft Control and Warning (AC&W) Squadrons.

New equipment was added, including a new micro-wave system between Kauai and Oahu. A satellite ground station was built by the 201st Mobile Communications Squadron (MCS) and two height finder radars were modified to counteract electronic jamming. Work was also begun on a new height finder radar on Mount Kaala.

Annual training was moved to spring for most units and operations from austere bases were emphasized. The 201st MCS supported several active service requirements to include a NASA Apollo mission. The 169th AC&W Squadron also continued to train aircraft controllers from the active services.



HANG continued to train aircraft controllers from the active services during FY 71.

CIVILIAN PERSONNEL ACTIVITIES

Exclusive recognition was granted to the American Federation of Government Employees (AFGE) to represent all Army Guard non-supervisory technicians in Hawaii.

Federal personnel strength declined by 38 during the year while State employee strength increased by 15.

Civilian employee strength at the year's end was:

Army Technicians	254
Air Technicians	455
State Employees	141
TOTAL	850

ENGINEERING AND FACILITIES

During FY 71 the Diamond Head access tunnel lighting system was modified to provide a safe light level. Weekend training facilities were added to the Army Guard site at Kanaio, Maui and a modular building was constructed for the Air Guard at Dillingham AFS. Twelve-hundred square feet of air conditioned office space was also added to Hickam's Base Supply building.



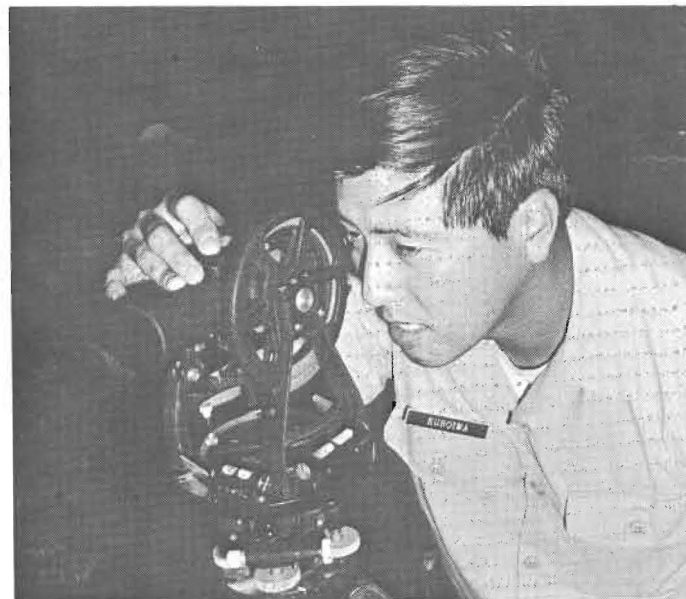
The Army Guard received new equipment, including this UH-1D turbine powered helicopter.

HAWAII ARMY NATIONAL GUARD

Fiscal Year 1971 was marked by intensive recruiting. HARNG strength increased by 616 during the year. June strength was 67.9% of the authorized strength. The National Guard Bureau authorized short active duty tours for two full-time recruiters. A State-wide HARNG week was another one of the vehicles used to publicize the Army Guard and to attract recruits.

Annual training was conducted during the summer. The session was the first for the 29th Brigade after its return from active duty and the first encampment for the 298th after its reorganization as a Field Depot.

Other highlights were the selection of the Officer Candidate School as the top Guard OCS in the nation and the organization of a HARNG Non-Commissioned Officer's academy.



Fiscal Year 1971

STATE CIVIL DEFENSE

During FY 71, the legislature made provisions for State assistance in the event of man-made disasters, although none occurred during the year. Progress was made in planning, particularly in the area of marine oil spills.

State CD personnel were used during: heavy rains on Oahu during November; heavy surf on Oahu and Kauai during January; and high winds and flooding at Kailua-Kona in January.

Communications and warning equipment was modified and increased during the year. New radios were acquired and two new sirens were installed.

MILITARY SUPPORT TO CIVIL AUTHORITY

There were no civil disturbances during the year, however numerous demonstrations in the State Capitol area were handled satisfactorily. Progress was made in subarea command training and improvements to the EOC were begun.



Civil Disturbance training included use of riot batons.

USP&FO

The office of the United States Property and Fiscal Officer (USP&FO) continued to administer Federal support to the Hawaii National Guard during FY 71.

Military payrolls were mechanized during the year and plans were announced for a more sophisticated computerized system to be implemented in FY 73.

Federal support to the Hawaii National Guard included:

Support for HANG	\$10,404,951
Support for HARNG	6,493,484

STATE FUNDS EXPENDED

Departmental Administration	\$ 661,166
Hawaii Air National Guard	72,315
Hawaii Army National Guard	473,013
Civil Defense	174,709
Pacific War Memorial	3,805
TOTAL	\$1,385,008



New radio and teletype equipment increased State CD communications capabilities during FY 71.



Star-Bulletin reporter Lyle Nelson received a Federal CD award for outstanding support of CD programs.

PUBLIC INFORMATION

The Department of Defense maintains close liaison with the news media, public officials, and the community at large. The Department's policy on releasing information is based upon the premise that the public has the right to clear, candid, complete, and prompt information about Department activities, whether favorable or unfavorable. Emphasis is placed upon what will be released, not upon what will be withheld. All releases are written to inform rather than to impress the public.

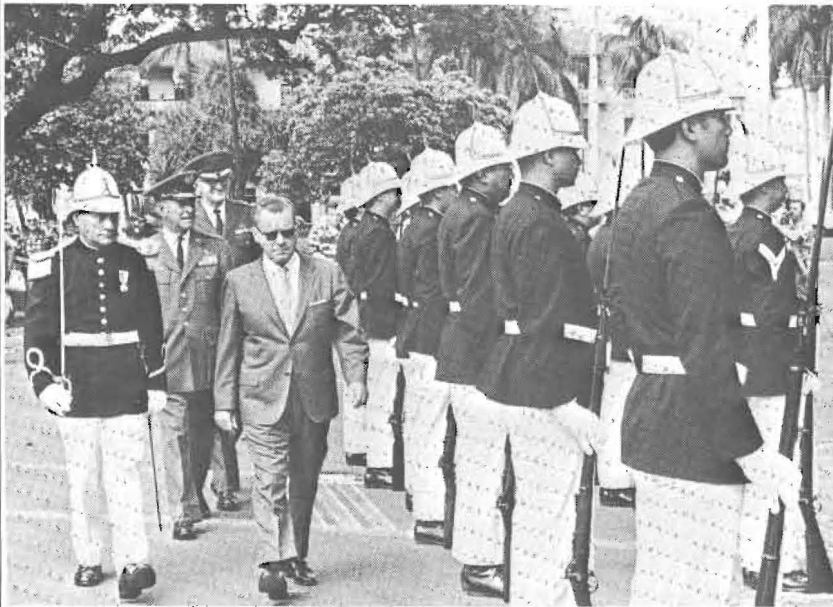
Community Affairs

COMMUNITY RELATIONS

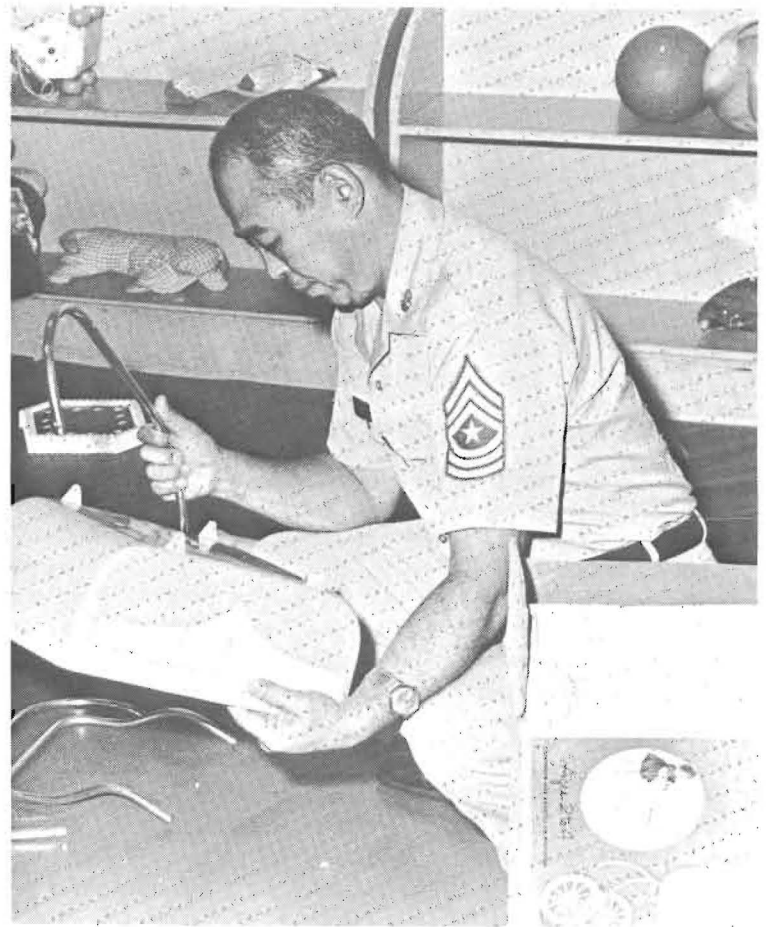
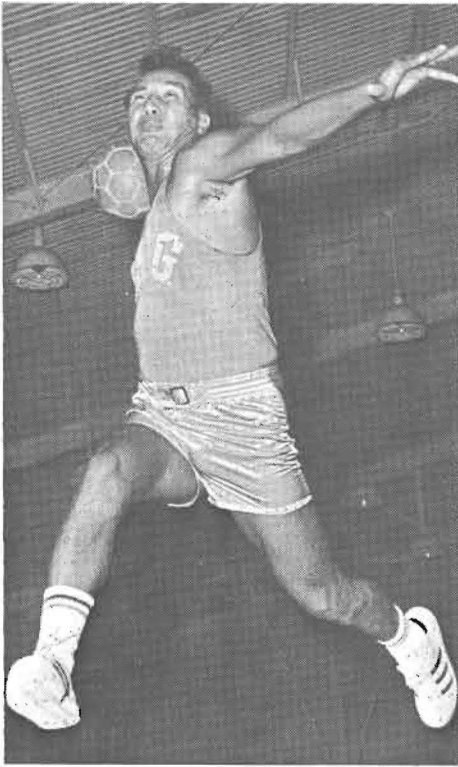
The Hawaii National Guard continued its participation in community affairs during the year. The Guard conducted the American Cancer Society's residential campaign on Oahu once again. In addition, units supported separate projects such as scout troops and activities for retarded children. Tours of both Guard and State Civil Defense facilities were arranged for many community groups and HANG's Royal Guard appeared at civic functions throughout the State.

Army Guard units completed a number of ecology projects during annual training and during a special State-wide HARNG week. The two largest projects were removal of over 400 tons of bulk trash during HARNG week and planting of 3,000 trees in the Kahuku training areas. Dozens of parks and beaches were also beautified during the year.

Additionally, HARNG adopted a major youth project by introducing team handball, an Olympic sport, to the young people of Hawaii.



Fiscal Year 1971





DEPARTMENT OF DEFENSE STATE OF HAWAII

The Department of Defense of the State of Hawaii plans for and provides personnel to contribute to the defense, safety and welfare of the people of the State as may be necessary. The Department is prepared to take appropriate action in case of war or in case of natural or man-made disasters.

The Department is headed by a single executive known as the Adjutant General, who is a member of the Governor's Cabinet, is Commanding General of the Hawaii National Guard and is Director of Civil Defense. There are three divisions in the organization: Army National Guard (ARNG), Air National Guard (ANG), and State Civil Defense (CD).

There are three categories of members of the Department. There are full-time employees of the State, full-time employees of the Federal government and members of the Hawaii National Guard, who train and serve with Federal pay on a part-time basis, normally on selected weekends and during 15 days of annual field training.

HAWAII NATIONAL GUARD

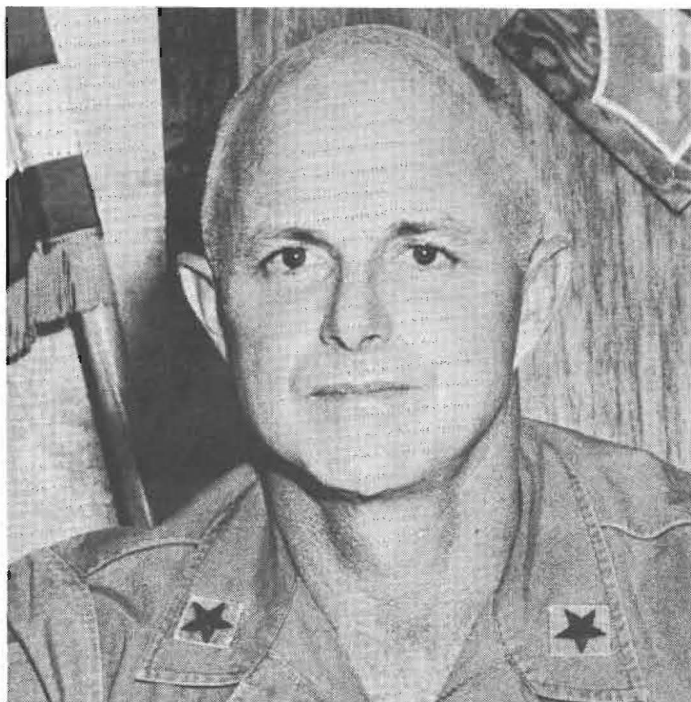
DUAL STATUS

The Hawaii National Guard is a military organization which constitutes a portion of the reserve components of the Departments of the Army and of the Air Force. In normal circumstances the personnel of the Hawaii National Guard occupy a dual status; i.e., they are members of the organized militia of the State of Hawaii and as such are under the command of the Governor of Hawaii; and at the same time they are members of a reserve component of either the Army or the Air Force, and in that capacity they can be ordered into active Federal service by the President of the United States in time of national emergency. The term "Hawaii National Guard" refers to units of the organized militia while in the service of the State, and the term "National Guard of the United States" refers to the Federal reserve components status of those units.

MISSION

The mission of the Hawaii National Guard remained unchanged during FY 71. In keeping with its dual status, the mission consists of two parts, the State and the Federal. The State mission is to provide organizations trained and equipped to function when necessary in the protection of life and property and in the preservation of peace, order, and the public safety as directed by competent State authority. The Federal mission is to provide the United States Army and Air Force with reserve units trained, equipped and ready for call to active duty by the President in a national emergency.

The Hawaii Army National Guard



Brigadier General Frederick A. Schaefer, III
Assistant Adjutant General, Army
Commanding General, HARNG

PERSONNEL

STRENGTH

The strength of the active Army National Guard as of the last drill of fiscal year 1971 was 2,941—an increase of 616 over the strength at the end of the previous fiscal year. The June strength of 2,941 represented 67.9% of the authorized strength (4,327) of all active units of the Hawaii Army National Guard (HARNG).

HARNG strength at the last training assembly of fiscal year 1971 was: Oahu—2,123, Hawaii—481, Maui—190, Kauai—115, and Molokai—32.

See Plates I and II for the roster of principal commanders and staff officers and the station list of units of the HARNG.

OFFICERS AND WARRANT OFFICERS

There were 244 officers and 52 warrant officers in the Army National Guard at the close of fiscal year 1971—an increase of 23 officers and 5 warrant officers from the end of the previous fiscal year. Nineteen officers and three warrant officers, who were mobilized with the 29th Infantry Brigade in May of 1968, still remained on Federal active duty on a voluntary basis at the end of the fiscal year.

ENLISTED PERSONNEL

There were 2,645 enlisted men in the active Army National Guard at the end of June 1971—an increase of 588 over the previous fiscal year. During fiscal year 1971 there were 1,010 new enlistments and reenlistments while 418 men

were discharged and 4 men transferred to the Inactive Guard.

AWARDS AND DECORATIONS

EISENHOWER TROPHY

The 111th Army Band of the Hawaii Army National Guard was selected as the most outstanding unit of the HARNG for calendar year 1970. Selection criteria was based on personnel strength, training, and the results of the annual general inspection and command maintenance management inspection. The band was commanded by CW2 Jules D. Castro.

NATIONAL GUARD (STATE) TROPHY

Company B, 2d Battalion, 299th Infantry was awarded this trophy for having attained the highest figure of merit (100.0%) in individual weapons qualifications of all HARNG units for calendar year 1970. Captain Tsutomu Ueno commanded this unit.

COMMANDING GENERAL HARNG TROPHY

This trophy was awarded to Company C (-Det 1), 2d Battalion, 299th Infantry for having achieved the highest percentage increase (110.0%) in assigned strength for calendar year 1970. Captain Romaldo Madarang commanded this unit.

GUARDSMAN OF THE YEAR AWARD

First Sergeant Clement Y. F. Hew, a member of Battery A, 1st Battalion, 487th Artillery, was selected as the most outstanding enlisted man of the HARNG for calendar year 1970.

HARNG SOLDIER OF THE YEAR AWARD

Specialist Four John Vierra Jr, a member of Company C, 29th Support Battalion, was selected as the most outstanding enlisted man of the HARNG in the grade of E4 or below for calendar year 1970.

HAWAII NATIONAL GUARD MEDALS

Hawaii National Guard Medals were awarded to 60 individuals during fiscal year 1971 for their outstanding achievements and meritorious service to the Hawaii Army National Guard. The medals, in order of importance, and the recipients are listed below:

HNG MEDAL FOR MERIT

BG Frederick A. Schaefer III, HHD, HARNG
COL Francis A. I. Bowers Jr, HHC, 29th Inf Bde
COL Clyde W. Woods Jr, HHC 298th Field Depot
LTC Solomon W. Kaulukukui, HHC 29th Inf Bde
LTC Fred J. Koehnen, HHC (-Det 1 & 2) 2d Bn 299th Inf
1SG Dallas K. Kalepa, Co C (-Det 1) 1st Bn 299th Inf

HNG COMMENDATION MEDAL (FIRST SILVER KAHILI)

MAJ Alvin S. Cabrinha, HHC 297th Sup & Svc Bn
CW3 Stanley Y. Komata, HHC 298th Field Depot
1SG Shoso Kitaoka, Co D 29th Spt Bn

HNG COMMENDATION MEDAL

COL John E. Aiona Jr, HHC 298th Field Depot
LTC Ellsworth M. Bush, HHD 29th Spt Bn
LTC Manuel DeMello Jr, HHD, HARNG
LTC Alexis T. Lum, HHC 298th Field Depot
MAJ Sadami Deai, HHC 298th Field Depot
MAJ George T. Honjiyo, HHSB 1st Bn 487th Arty
MAJ Richard T. Murakami, HHC 297th Sup & Svc Bn
MAJ Clarence C. W. Park, HHC 298th Field Depot
MAJ Raymond Rapoza, HHC 298th Field Depot
MAJ Van S. Takahashi, HHC 298th Field Depot
CPT Albert R. Ayers, HHC 298th Field Depot
CPT Ralph E. Faufata, HHC 298th Field Depot
CPT Joseph J. Hines, HHC 298th Field Depot
CPT Louis N. H. M. Miranda Jr, Btry B 1st Bn 487th Arty
CPT Louis W. Perry Jr, Btry C 1st Bn 487th Arty
CPT Frederick T. Takamoto, HHC 298th Field Depot
CPT Thomas H. T. Young, HHC 298th Field Depot
1LT Zenon K. Wong, Co B (-Det 1) 1st Bn 299th Inf
CW4 Fred K. Robello, HHD, HARNG
CW2 Gilbert L. Amaral, HHC (-Det 1) 1st Bn 299th Inf
CW2 Maurice A. Souza, HHSB 1st Bn 487th Arty
CSM Yoshinobu Kuwae, HHC (-Det 1) 1st Bn 299th Inf
SGM Hiroshi Sano, HHSB 1st Bn 487th Arty
1SG Lester K. Nakaichi, 291st Maint Co
1SG Isayas Santa Ana, Btry B 1st Bn 487th Arty
1SG Benedicto K. Villaverde, Co B 29th Spt Bn
MSG James T. Chatani, Co C 29th Spt Bn
MSG Benjamin O. Yamamoto, HHC 29th Inf Bde
PSG Henry C. Parrilla, Co B 29th Spt Bn
PSG Joaquin B. Reyes Jr, Trp E 19th Cav
PSG Jack J. Salvador, Det 1 Co C 2d Bn 299th Inf
SFC William L. Chung, Co A 29th Spt Bn
SFC Elpedio Domingo, Co A 29th Spt Bn
SFC Bernard K. Y. Lee, HHSB 1st Bn 487th Arty
SFC Yoshio Mainaga, HHC (-Det 1) 1st Bn 299th Inf
SFC Joseph W. Nakoa, 227th Engr Co
SFC William Range, HHC (-Det 1 & 2) 2d Bn 299th Inf
SFC Raymond M. Sakai, Co A 29th Spt Bn
SSG Lawrence S. Carvalho, Co B (-Det 1) 1st Bn 299th Inf
SSG John H. Hokoana Jr, HHC (-Det 1) 1st Bn 299th Inf
SSG Clifford S. Karimoto, HHC 29th Inf Bde
SSG Wayne C. K. Lewis, 227th Engr Co
SSG Alfred Moniz Jr, Btry C 1st Bn 487th Arty
SGT Richard B. Baker Jr, HHC (-Det 1 & 2) 2d Bn 299th Inf
SGT Franklin H. Baptiste, Co A (-Det 1) 2d Bn 299th Inf

SGT Mario E. Cantorna, Co C (-Det 1) 2d Bn 299th Inf
SGT Donald K. Kawaaauhau, Co B 2d Bn 299th Inf
SGT Levon K. Wong, Co B (-Det 1) 1st Bn 299th Inf
SGT Leslie H. Yamamoto, Btry C 1st Bn 487th Arty
SP5 Mitsuo Asai, HHC (-Det 1 & 2) 2d Bn 299th Inf
SP5 Daniel C. M. Chang, Co D 29th Spt Bn

UNITED STATES ARMY DECORATIONS

The following individuals, former members of the inactivated 298th Artillery Group, were awarded U.S. Army decorations on November 21, 1970 at the Wahiawa Armory. Major General Ben Sternberg, Commanding General, U.S. Army, Hawaii, presented the awards for the men's past performance of duty in the Air Defense mission. They served the State of Hawaii as members of the Hawaii Army National Guard.

LEGION OF MERIT

COL John B. Becker

MERITORIOUS SERVICE MEDAL

LTC Melvin Alencastre
LTC Robert T. Stanek
MAJ Rosario N. Daguio
MAJ Melvin G. Ing

ARMY COMMENDATION MEDAL

MAJ Samuel K. Naipo
MAJ Rudolph C. Thomas
CPT Alvin S. Cabrinha
CPT Melvin M. Ida
CPT Lawrence P. Mosher
CPT Gerald J. Silva
CW3 George Y. Chatani
CW3 Tokuo A. Kunitomo
CW3 David Y. Lee
CW3 George C. Oshiro
CW2 Benjamin K. K. Au
CW2 Duncan B. K. Chang
CW2 Melvin K. Kwan
CW2 James B. Lum
CW2 William N. Niitani
CW2 Koichi Segawa
CW2 John Y. Yasuhara
CSM William L. Duncan Jr.
1SG Edgar W. Alexander
1SG George Cho
1SG Sung Cho Kim
1SG Mitsuo Shito
SFC Wallace Hong
SFC Nelson Y. S. Mau
SFC Calvin K. Naipo
SFC James T. Suzuki
SSG William B. Cabus

HAWAII ARMY NATIONAL GUARD WEEK

The Hawaii Army National Guard sponsored a "Hawaii Army National Guard Week" during the period January 23-30, 1971, to celebrate its 78th anniversary. The week was planned to actively present the HARNG to the general

public and to attain the following objectives: a. Inform the public of the activities and programs of the HARNG; b. Improve the public image of the HARNG; and c. Enhance the recruiting effort of the HARNG.

A task force, headed by the HARNG Chief of Staff, was appointed in early September 1970 by HARNG's Commanding General. The group planned and coordinated the activities and efforts of units on each of the major islands to attain the project's objectives.

The Honorable John A. Burns, Governor of Hawaii, and the mayors of each county, proclaimed the period January 23-30, 1971 as HARNG Week.

A speakers bureau was organized to provide qualified Army Guard speakers for various civic groups. Talks were given on each major island. HARNG's Commanding General was also featured on a local television program. Media throughout the State were furnished with material about HARNG activities.

Members of the Hawaii Army National Guard undertook many varied community projects to demonstrate their concern for the environment. Beautification and ecology projects consisted of tree planting, clean-up and landscaping of public parks and beaches, scenic points and school grounds, and the repair and repainting of community centers and park facilities. The largest single project was the bulk item pick-up on January 24, 1971. The project was selected to assist Honolulu residents in removing bulk trash from their residences. Over 400 tons of these items were hauled away by the Guardsmen during the day.

Another project was completed by a company of Guardsmen who spent a weekend clearing dense underbrush from streams in the proposed park area in Kahana Valley. Groups of Guardsmen and Valley residents worked their way along the streams to cut trees and underbrush and haul them to a dump.

A HARNG recruiting contest was scheduled to coincide with HARNG Week to take advantage of the week's publicity. Recruiting statistics for the contest period reflected a surge of enlistments. The contest was publicized by letters to each HARNG member, followed by a "flyer" which announced prizes available to contest winners. Business firms on Oahu supported the contest by donating prizes and services. The net gain of 161 new members during the contest period was tangible proof of its success.

A mass swearing-in ceremony was conducted on January 30, 1971 on the grounds of Iolani Palace to welcome new enlistees into the ranks of the Hawaii Army National Guard. Governor A. Burns officially welcomed the men into the HARNG's ranks.

Serious consideration is being given to making HARNG Week an annual project. Many lessons were learned from this initial experience which will serve to guide future projects. HARNG Week also enhanced unit integrity and promoted teamwork and camaraderie.

29TH INFANTRY BRIGADE

The 29th Infantry Brigade is one of HARNG's two major commands. Strength of the brigade at the end of fiscal year 1971 was 2,171 officers and men or 65.5% compared with an authorized strength of 3,306. Strength increases continued to be the primary objective of all brigade units. To assist units in recruiting, the National Guard Bureau authorized short tours of duty for two full-time recruiters.

Units of the 29th Infantry Brigade conducted their first annual training after returning from active duty during the period August 8-22, 1970 at Schofield Barracks. Training of the brigade included mandatory subjects and squad level basic unit training. Additional civil disturbance training was also conducted.

The brigade continued to receive authorized training equipment and supplies. The percentages of authorized mission essential equipment on hand were: small arms (99.7%), artillery (73.9%), tactical and support vehicles (65.1%), combat surveillance (73.8%), and electronics and communications (89.8%). M-14 rifles were replaced by the M-16 rifles during the year.

The Brigade Commander, Colonel Edward M. Yoshimasu, was promoted to the rank of Brigadier General during the fiscal year. A promotion ceremony was held at the State Capitol on March 15, 1971. Governor John A. Burns pinned the Brigadier General's insignia, a single star, on the brigade commander.

On May 23, 1971 the brigade held its second annual memorial ceremony honoring the men of the 29th Infantry Brigade and 100th Battalion, 442d Infantry who lost their lives while on active duty from May 13, 1968 to December 12, 1969. Brigadier General Edward M. Yoshimasu, brigade commander, delivered the memorial address. A bronze plaque was unveiled by Brigadier General Yoshimasu and Brigadier General Frederick A. Schaefer, III.



298TH FIELD DEPOT

The 298th Field Depot is the other of HARNG's two major commands. The depot's mission is to conduct training that prepares individuals and units to provide combat service support to combat elements and to provide military assistance to civil authorities.

During fiscal year 1971, the field depot established a training program that emphasized individual military occupational specialty (MOS) qualification, technical team functioning, and maintenance of equipment. Depot units conducted annual training in August of 1970. Personnel

performed on-the-job training at the United States Army Hawaii laundry, mortuary, supply and maintenance shops and the United States Army Pacific computer center. In April of 1971, troop leaders participated in 16 hours of troop leading training for civil disturbance duty, and staff members attended a five-day staff refresher training course at Fort Lee, Virginia. In May of 1971 each company received eight additional hours of training in civil disturbance techniques.

The strength of the 298th Field Depot at the beginning of the fiscal year 74.1% of the 886 authorized men. Strength declined until December 1970 when it stabilized. By the end of the fiscal year, the 298th was at 73.4% of its authorized strength. This included 53 officers, 17 warrant officers and 581 enlisted men.

During the last quarter of the fiscal year, planning was initiated to send 110 individuals to the U.S. Army Quartermaster School at Fort Lee, Virginia. The men were programmed to undergo specialized training in baking, supply accounting and petroleum operations.

INSPECTIONS

Each unit and activity of the Hawaii Army National Guard was inspected during the year to determine its efficiency and operational readiness. One of the most important inspections was the Annual General Inspection, conducted by United States Army, Hawaii. The inspection was made to determine the readiness of HARNG units and activities. The inspecting teams reviewed all areas of administration, personnel qualifications, unit strength, training effectiveness, logistics and maintenance of equipment. All HARNG units and activities received a Satisfactory rating.

Units and activities of the Hawaii Army National Guard were also inspected under the Command Main-

tenance Management Inspection (CMMI) program. They received an average score of 97 percent for material condition and 92 percent for maintenance management.

ANNUAL TRAINING

Annual training for all units (less the Selective Service Section and the 111th Army Band which performed their training on a year-round basis) was held at Schofield Barracks during the period August 8-22, 1970. Five Hawaii National Guard Medals for Merit and fifty Hawaii National Guard Commendation Medals were presented to members of the 29th Brigade during the Governor's Day Review on August 15 for their outstanding performances while on active duty.

RESERVE ENLISTMENT PROGRAM

At the beginning of the fiscal year, 279 non-prior service enlistees were awaiting training spaces in active Army training centers located in the Continental United States. During the fiscal year, 710 Guardsmen entered this program. Since the beginning of the Reserve Enlistment Program in October 1956, 6,796 personnel have entered this training. Of these, 5,569 were members of the 29th Infantry Brigade and 1,227 were from the 298th Field Depot and separate units of the HARNG. At the end of FY 71 there were 205 individuals undergoing this training and 323 awaiting entry into the program.

THE HARNG OFFICER CANDIDATE SCHOOL AND NON-COMMISSIONED OFFICER ACADEMY

The Hawaii Army National Guard Officer Candidate School (HARNG OCS) has the mission of training eligible warrant officer and enlisted personnel from the Army and Air National Guard and the U.S. Army Reserve (USAR) to become commissioned officers in the reserve components



Guard armorers repair the organization's weapons.



Other technicians adjust both optical and electrical firing systems.

of the United States Army and United States Air Force.

On July 12, 1970, 19 men were enrolled in Class 09-71 as junior candidates. The new class consisted of 15 Army Guard, 3 Air Guard and 1 Army Reserve candidates.

Annual training was conducted at Schofield Barracks during the period August 1-15, 1970. The junior class undertook Phase I training in basic subjects while the senior class undertook Phase III training to complete academic requirements for graduation and commissioning.

Twenty-three candidates were graduated and received diplomas on August 14, 1970 for successful completion of the 13 months long OCS curriculum. Thirteen Army Guardsmen, three Air Guardsmen and five Army Reservists were commissioned as second lieutenants.

Outstanding graduates of Class 08-70 were: Elliott P. Akana, Honor Graduate; William E. Desha, Leadership Award; Gary L. Covert, Academic Award; Paul I. Kameda, Most Improved Candidate Award; and Arthur E. Ugalde, Physical Fitness Award.

In November 1970, the U.S. Army Infantry School announced that Class 08-70 had won the 6th U.S. Army Area award for Academic Excellence and the Doughboy Award for school year 1969-70. The awards are given annually to the top State Officer Candidate School in the 6th Army Area and Nation. Selections are based on academic averages. The Certificate of Academic Excellence and the Doughboy Award were presented to the graduates of Class 08-70 at a special ceremony at the Koko Head Armory. Colonel James Guthrie, Non-Resident Department Director of the U.S. Army Infantry School, Fort Benning, Georgia, made the presentations. The Hawaii State OCS won the Certificate of Excellence in 1966, 1968, 1969, and 1970. They won the Doughboy Award in 1966, 1969, and 1970.

NCO ACADEMY

The HARNG Non-Commissioned Officer Academy was established in September 1970. The objectives of the academy are: to provide training in selected military subjects, to provide training in the practical aspects of small unit leadership, and to improve the professional quality of the NCO corps in the HARNG. The school is operated by the staff of the Officer Candidate School and the curriculum consists of approximately 85 hours of classroom work and practical field exercises in general subjects, weapons and tactics. Class 1-71 began in September and graduated 24 students in November. Honor graduate of this class was SP4 Milton K. K. Hee, Detachment 1, Headquarters & Headquarters Company, 1st Battalion, 299th Infantry. Class 2-71 began in February 1971 and graduated 28 students in June 1971. Honor graduate of this class was SP4 Harold J. Mau, 292d Supply & Service Company.

ARMY SERVICE AND AREA SCHOOLS

The Army National Guard school program is designed to qualify personnel for their military assignment, and in the case of officers, to satisfy their military educational requirements for promotion. School trained personnel are used extensively to train other unit personnel in the latest tactics, techniques, and doctrines.

During the year, 48 officers and 12 enlisted men attended courses of instruction conducted in Army Service Schools in the continental United States. In addition, 42 officers and 2 enlisted men attended Army Area Schools at

Schofield Barracks, Fort DeRussy, and various other service schools on the mainland.

Plate III lists the names of the schools and the number of Army National Guard individuals who attended in FY 71.

STATE MAINTENANCE DIVISION, HARNG

The mission of the State Maintenance Division is to provide direct and general maintenance support for all commodities, less medical items of equipment, issued to the Hawaii Army National Guard.

One of the major goals established during the past year was the reduction of maintenance costs for materiel. This was accomplished by initiating three programs to reduce maintenance of equipment and utilization of man-hours. A storage program was implemented for equipment not essential to weekend training. This resulted in a 30% reduction of items retained and maintained by units. A modification control program was initiated to insure that all required modifications were applied. A safety and environmental hazard program was instituted to reduce man hours lost due to industrial injuries. Improvement was noted. Three lost time accidents occurred during the year in comparison to five recorded for the previous fiscal year.

SAFETY

Hawaii Army National Guard personnel worked 519,372 man hours and experienced 3 lost time injuries for a frequency rate of 5.77. In addition, 760,528 miles were driven and 2 accidents occurred for an overall frequency rate of 2.63.

ARMY AVIATION

Fiscal Year 1971 saw a rebuilding of aviator strength in the Hawaii Army National Guard. Four aviators were assigned to aviation positions at the start of FY 71 and a total of 23 aviators were on board by the end of the year.

The 2929th Medical Detachment (Helicopter Ambulance) is HARNG's aviation unit. It has a mobilization mission of providing aeromedical evacuation in a forward area. The detachment is authorized 14 aviators, 34 enlisted personnel, support helicopters and related equipment to accomplish this mission. The 2929th also provides tactical and administrative support flights for the HARNG, and has a search and rescue capability. The detachment is responsive to State Civil Defense emergencies and can augment the agency's efforts by providing for aerial surveillance and control, damage assessment, evacuation of personnel from threatened or stricken areas, or resupply of these areas.

Direct support back-up maintenance for the 2929th aircraft is provided by the Aircraft Maintenance Platoon, Company D, 29th Support Battalion, 29th Infantry Brigade. This platoon has a commanding officer and three warrant officer aviators who perform quality control, technical inspections and test flights of aircraft maintained at higher echelons.

Other aviation accomplishments during FY 1971 included the performance of 1,292 accident free aircraft flying hours, receipt of two additional OH-23G observation helicopters and one UH-1D "Huey" helicopter. Delivery of two other UH-1D helicopters is programmed for FY 1972.

The Hawaii Air National Guard



Brigadier General Valentine A. Siefermann
Assistant Adjutant General, Air
Commander, HANG

PERSONNEL

STRENGTH

Strength at the end of the fiscal year was 1,569 officers and airmen. This represented a loss of 35 personnel from the end of the previous year. Assigned strength was 87.3% of unit manning documents and 97.2% of the National Guard Bureau manning standards.

Officer end-of-year strength was 161, a gain of 12 from the previous year. One warrant officer was assigned as in the previous year. At the year's end, one officer was undergoing advanced pilot training, two officers were undergoing basic pilot training, and two applicants were in-processing. (See Plate I—Principal Commanders and Staff Officers)

Airmen end-of-year strength was 1,407, a loss of 47 from the previous year. One hundred airmen enlisted in the HANG during the year. Of these, 81 were non-prior service individuals and 19 were prior servicemen. Discharges from HANG totaled 147 airmen. Of these, 80 did not reenlist, 17 resigned for their own convenience, 17 enlisted in other services, 5 accepted commissioned officer appointments, 15 were physically disabled and 13 were discharged for other reasons. HANG's retention rate of 60.6%, an increase of 4.4% over the previous year. Of the 123 airmen retained, 83 reenlisted and 40 extended their enlistments.

AWARDS

Major Owen D. Ota of the 150th ACW Sq (Fxd), was awarded the George T. Miki Memorial Trophy for his out-

standing performance as a Weapons Director.

Capt Rexford F. Hitchcock of the 199th Fighter Interceptor Squadron, was awarded the HANG Outstanding Interceptor Pilot Award for his outstanding performance as an interceptor pilot.

Sgt Gregory C. Ing, 169th Aircraft Control and Warning Squadron (Fxd), was awarded the Outstanding HANG Airman of the Year Award for his outstanding ability and performance.

A1C Alan Y. Matsuoka of the 154th Supply Squadron, was awarded the HANG Airman Award for the period July 1, 1970 to December 31, 1970 for his demonstration of outstanding ability and performance. The award winner for the period January 1, 1971 to June 30, 1971 was Sgt Scott T. Nomura of the 169th Aircraft Control and Warning Squadron.

HANG Squadron Attendance Trophy Awards were presented to the 201st Mobile Communications Flight, 199th Weather Flight (Mobile/Fixed) for two consecutive quarters, and the 201st Mobile Communications Squadron.

The 30-year service bar to the HNG Service Medal was awarded to Colonel Walter F. Judd of Headquarters, HANG. Twenty Year Service Bars were awarded to 15 officers and airmen, and 15 Year Service Bars were awarded to 27 officers and airmen. HNG Service Medals were awarded to 59 officers and airmen for completion of 10 continuous years of honorable and faithful service in the HNG.

ORGANIZATION CHANGES

The organizational structure of HANG units remained unchanged except for minor internal authorization changes within Headquarters HANG. The end-of-year resultant authorized strength for HANG was 191 officers and 1607 airmen for a 1,798 aggregate. There was no change from the previous year. (See Plate II—Station Lists of Units)

PERSONNEL DATA SYSTEMS

A total of 1,393 officer data cards, 11,953 airmen data cards, and 64 authorization file cards were submitted to the Air Reserve Personnel Center (ARPC) in Denver, Colorado. Of these, HANG was charged with 31 officer rejects, 92 airmen rejects and no authorization file rejects. A total of 3,067 officer and 14,200 airmen data reconciliation cards, and 161 officer and 1,422 airmen strength reconciliation cards were also submitted to ARPC.

SERVICE SCHOOLS

HANG submitted a requirement to the National Guard Bureau for 370 technical training spaces. The Bureau allocated 90 spaces (24.3% of request). Of these, 80 spaces were utilized. Ten spaces were taken back by the Bureau for redistribution. In addition, 29 basic military/OJT training spaces were allocated. Of these, 19 spaces were utilized and 10 spaces returned. (See Plate III—Service Schools Completed)

AIR FORCE ADVISORS

The major gaining commands exercise USAF responsibility for supervision of training and inspection of HANG units. This responsibility is discharged on a daily basis by assigned Air Force Advisors. Colonel Herbert L. Bridger continued his assignment as the Pacific Air Forces Air Force Advisor for the air defense missioned units. Two officers, five NCO technical advisors and one secretary were also assigned.

One officer and two NCO technical advisors, representing Pacific Communications Area (AFCS), continued assignments with the 201st Mobile Communications Squadron.

One NCO technical advisor, representing the Air Weather Service (MAC), continued his assignment with the 199th Weather Flight (Mobile/Fixed).

COMMUNICATIONS—ELECTRONICS

The inter-island microwave system between Kokee Air Force Station, Kauai, and Wheeler Air Force Base, Oahu, was activated in December of 1970. Concurrently, the inter-island radio relay station at Punamano Air Force Station, Oahu, was deactivated. The new microwave system provides increased reliability and circuit capacity which greatly improved Hawaii's air defense capability.

Height finder radars at the 150th Aircraft Control and Warning Squadron on Kauai, and the 169th Aircraft Control and Warning Squadron on Mount Kaala, Oahu, were modified to incorporate Electronic Counter-Counter Measure (ECCM) features. This modification increased their capability to detect aircraft under electronic jamming conditions.

Construction of a new height finder radar facility at Mount Kaala began in June 1970. The radar should become operational in FY 4/72.

HANG Ground Communications-Electronics maintenance technicians attained a qualification rate of 87.8% (an increase of 7% over FY 70) versus a HANG goal of 75%.

OPERATIONS AND TRAINING

Annual Field Training

HANG units, with the exception of the 201st, conducted their FY 1971 annual training during spring (April 5-April 16, 1971). The change from the summer months to spring was made to coincide with the Easter break for college students and to allow greater participation by F-102 pilots employed by the local airlines. The remaining three days of authorized active duty were performed at the discretion of the Air Guardsmen with his commander's concurrence. Commanders scheduled the three days throughout the year to reduce work backlogs and complete short deadline special projects.

Headquarters PACAF (IGI) conducted an Operational Readiness and General Inspection of the Hawaii Air National Guard during April 3-15, 1971. The purpose of the Operational Readiness Inspection (ORI) was to evaluate the capability of the Hawaii Air National Guard and its supporting units to accomplish their assigned missions. The purpose of the General Inspection was to evaluate the efficiency and effectiveness of daily operations and to assess the degree of compliance with applicable

USAF and ANG directives. All test criteria were satisfied. The Hawaii Air National Guard was rated as satisfactory.

F-102 pilots of the 199th Fighter Interceptor Squadron recorded 382 flying hours. They also flew 238 alert, transition, and combat crew training sorties during the 12 day encampment. A professional and dedicated aircraft maintenance team kept an average of 90% of the 21 F-102s in an operationally ready status. Twelve weapons controllers of the 150th ACW Squadron, Kokee, Kauai, made 361 ground controlled intercepts while their counterparts at the 169th ACW Squadron at Wheeler AFB, logged 494 intercepts during the highly successful spring camp.

The 201st MCS held their annual field training June 12-26, 1971.

Inactive Duty Training

HANG units performed their authorized 48 unit training assemblies on a one weekend per month basis during FY 71. Attendance during FY 71 was 97%.

The 326th Air Division (PACAF) conducted several exercises which included early morning practice mobilizations to test the units' ability to transition from a reserve force into a federalized combat force with speed and efficiency. These tests were a culmination of months of classroom and practical training conducted during weekend periods.

Weather observation and pilot briefings at Barking Sands PMRF and Dillingham AFB were provided by weather specialists of the 199th Weather Flight. The 201st Mobile Communications Squadron provided air traffic controller support for the F-102 operations at Dillingham AFB during the exercises and other small scale deployment exercises.

ORGANIZATIONS

154th Fighter Group

Fiscal Year 1971 was a year marked by stability and continued high mission capability for the 154th Fighter Group. Favorable trends continued in major areas of concern. Tactical pilot strength increased slightly. Personnel assigned versus those authorized averaged over 90%. Personnel qualification increased to 85%. Drill attendance exceeded 97%, and the reenlistment rate improved to 59%.

Results of an Operational Readiness Inspection and General Inspection conducted by a Pacific Air Forces inspection team were gratifying and confirmed that the Group was fully capable of performing its assigned mission, of air defense. Performances by tactical pilots, aircraft mechanics, electronic technicians and weapons lead crews were well above PACAF standards.

Two aircraft and pilots were always on a "5 minute alert" status throughout the year, ready to intercept unknown aircraft. This capability was augmented in September 1970 by an additional two pilots and aircraft on "30 minute" status. A total of 302 F-102 aircraft hours were flown to provide active air defense of Hawaii.

Tactical flight operations resulted in 5,341 F-102 hours flown during the year without accident or serious incident. Continued emphasis was placed on air defense exercises and operations from airfields with very austere facilities. Total tactical pilot strength increased to 41 including seven pilots in supervisory positions. Six tactical pilots joined during the year. Three pilots terminated their membership

due to removal of residence. One left due to incompatible occupation.

The operational ready rate for F-102 aircraft averaged 70.3% which met Air Force standards. Aircraft authorization was changed from 25 to 18. Twenty-one were on hand. Several modifications were added to the F-102, to extend the life of the airframe and improve the reliability of the engine. The work detracted slightly from the operational ready rate and flying hour accomplishment. February 1971 marked the tenth year of operations with F-102 aircraft.

The single assigned C-54 flew 416 hours in support of Hawaii National Guard activities and had an operational ready rate of 76%.

Medical support of all HANG units included over 500 medical examinations, 150 flying physicals, approximately 3,750 immunizations and over 500 sick calls during drill weekends and field training. During this same period, approximately 1,400 Tuberculin Tine Tests were administered.

Major community activities involved the Royal Guard, support of the Cancer Crusade and the conducting of tours and orientation briefings of the 154th Fighter Group. Tours were conducted for 500 people, principally, school children, Boy Scouts and Civil Air Patrol cadets.

The Royal Guard, made up of Air Guardsmen of Hawaiian ancestry, made 17 public appearances including an appearance at the inauguration of Governor John A. Burns. During the Cancer Crusade, 108 Air Guardsmen expended approximately 750 hours distributing solicitor kits and otherwise supporting that worthwhile campaign.

Major overhaul of F-102 aircraft continued under contract to Dynallectron Corporation. Seven aircraft were processed during the year. Local salaries for this program amounted to \$119,416.00.

150th Aircraft Control and Warning Squadron (Fixed)

The 150th ACW Squadron continued to maintain its air defense facility at Kokee AFS, Kauai. The unit provides a 24-hour vigil of the northwest approaches to Hawaii.

The ADDC's operational activity for FY 71 involved carrying 46,644 aircraft tracks, conducting 4,466 intercepts, and providing flight-monitoring services for 596 missions. In addition, 25 flights through the area were given navigational assistance and the station aided in the recovery of 7 aircraft that developed in-flight emergencies. Operations frequently supported the Navy in special projects and exercises involving ships and aircraft, and assisted Pacific Missile Range Facility at Barking Sands during live-firing exercises by providing flight-following for long-range surveillance aircraft and jet fighters. ACW operator training continued at a high level of effectiveness. Pass rate remained at 100% for 3 level AKT. Two airmen attended the ACW Operator's course at Keesler AFB, Mississippi after completing BMT. Airman Lorenzo Moises, was designated as an Honor Graduate. Second Lieutenant James T. Nottage completed the Basic Weapons Controller course at Tyndall AFB, Florida, and was designated Honor Graduate. During this period, one Weapons Controller and six Weapons Technicians were upgraded in skill ratings.

Units strength remained slightly above the programmed drill-paid ceiling and over-all personnel qualification levels

registered a gradual increase.

Radar Maintenance personnel worked with units from the Air Force to install new equipment and to modify existing systems. The Communications and Electronics Section underwent many changes and trained for many hours to maintain the new modified equipment. Communications personnel participated in the installation of a new micro-wave system.

The Maintenance and Utility Section completed construction of a double hutment which quartered 55 airmen during the annual field training in early spring. The 159th Civil Engineering Flight, PRIME BEEF, of the Louisiana ANG provided men and equipment in June 1971 to complete a building extension of a smaller hutment which enabled the station to house more men on site.

The squadron celebrated its ninth anniversary with a luau at the Kauai War Memorial Convention Hall in Lihue on November 14, 1970 to mark nine years of full operational capability.

The Squadron's Airman of the Year, "Hoku Alii", award was presented to SSgt Douglas M. Kaeo who also won the "Hoku" award for outstanding performance during the first half-year of 1970. Other "Hoku" award winners were MSgt William O. Crowell, for the second half-year of 1970, and MSgt Francis T. Hosaka, for the first half-year of 1971. The "Hoku Hou" award for the first half-year of 1971 was presented to Airman Glenn I. Morimoto for outstanding performance during his first year of enlistment. Sgt Gene K. Moriguchi received the Hawaii ANG Airman award for the first half-year of 1970.

169th Aircraft Control and Warning Squadron (Fixed)

The 169th ACW Squadron continued to maintain its capability of providing surveillance for the Hawaiian Air Defense System from the Mount Kaala/Wheeler AFB facility during FY 71. The search and height finder radars and the air/ground UHF radios are located at Mount Kaala while the operational, administrative, and support functional areas are located at Wheeler AFB.

The squadron's operational activity during the fiscal year included handling of 60,787 aircraft tracks and conduct of 5,309 intercepts. Fourteen were actual intercepts for identification purposes. In addition, the 169th provided emergency navigational assistance to nine aircraft and monitored 562 aircraft on radar.

In order for the squadron to maintain a high degree of aircraft control and warning proficiency, fifty-eight air defense exercises were conducted. Of these, 44 were team training exercises, two were JTF 119 exercises, eight were control phase exercises and one was an ORI exercise. Additionally, 161 system training missions (synthetic target exercises) were performed to further maintain unit and system air defense proficiency.

In addition to performing the active air defense mission, the 169th ACW Squadron continued its assistance programs for active service units. Pearl Harbor based Navy intercept controllers used the unit's Air Defense Direction Center facilities on a scheduled basis to maintain their combat ready status. They conducted 731 training intercepts in this capacity.

The unit's PACAF Weapons Controller Requalification Course enjoyed another successful year. Thirty-six student officers (22 from 5th Tac Con Gp, 13 from 623d

ACW Sq, and one from 347th TFW) were enrolled in nine unit-conducted classes. They acquired and/or maintained their required combat readiness status by attending the course. The tactical evaluations resulted in the awarding of 6 skilled and 30 qualified ratings. The students participated in 3,393 live intercepts, 3,524 simulated intercepts, and 360 hours of formal academic instruction. Additionally, two Weapons Technicians (enlisted personnel) from the 5th Tac Con Gp were trained and awarded expert and qualified ratings, respectively. There have been favorable reports from the field about the HANG course. PACAF has recognized its value and decided to continue the course indefinitely.

The 169th ACW Sq was presented the CEM Distinguished Unit Plaque at the 92d General Conference of the National Guard Association of the United States in New York City.

The AN/FPS-7D radar set, a joint-use search radar shared with the Federal Aviation Administration (FAA) at Mt Kaala, maintained an operational rate of 97.76%. The radar set, AN/FPS-6J, height finder, maintained an 80.76 operational rate for air defense purposes.

The installation of an AN/UPX-14 beacon system was completed and the system was accepted for air traffic control use by the FAA. The Mt Kaala facility was repaired and painted under an \$80,000 contract let by the Hickam Air Force Base Civil Engineers.

201st Mobile Communications Squadron

The 201st MCS and its four subordinate flights continued to improve in personnel qualification and equipping during FY 71. The personnel qualification rate rose from 49%



at the beginning of the fiscal year to 76.7% of the programmed qualifications at the year's end.

The unit participated in several active missions during the fiscal year. Among them were five MAC support missions to Hilo, Hawaii, support to the Air Force Communications Service in Alaska, support to the Apollo 14 recovery forces in American Samoa, and building of a communications satellite ground station which was named Commando Omega. In addition, the unit deployed a low frequency beacon antenna to Okino Air Station, Japan, and provided communications and nav-aids support to the 154th Fighter Group and the Hawaiian Air Defense System.

Training deployments were held several times during the year. The largest was a 70-man bare-base deployment to Dillingham AFB, during which the unit practiced maximum self-sufficiency.

New equipment received during the fiscal year included a second TACAN, three AN/MRC-108 communications centrals, and an AN/TSW-7 control tower. This substantially improved the unit's capability.

The 201st MCS moved into its new headquarters and maintenance facility in Fort Kamehameha at the beginning of the fiscal year. The facility, constructed at a cost of \$1,048,000, provides the unit with a greater maintenance and operations training capability than its previous quarters at Battery Selfridge.

199th Weather Flight

The 199th Weather Flight maintained a fully effective rating as measured by Air Weather Service's standards during FY 71. Unit training assemblies and the annual field training were conducted at the HANG Weather Station at Hickam AFB, in support of the 154th Fighter Group. Deployment of weather teams during periods of air defense exercises was made to Dillingham AFB, Oahu and Barking Sands, Kauai.

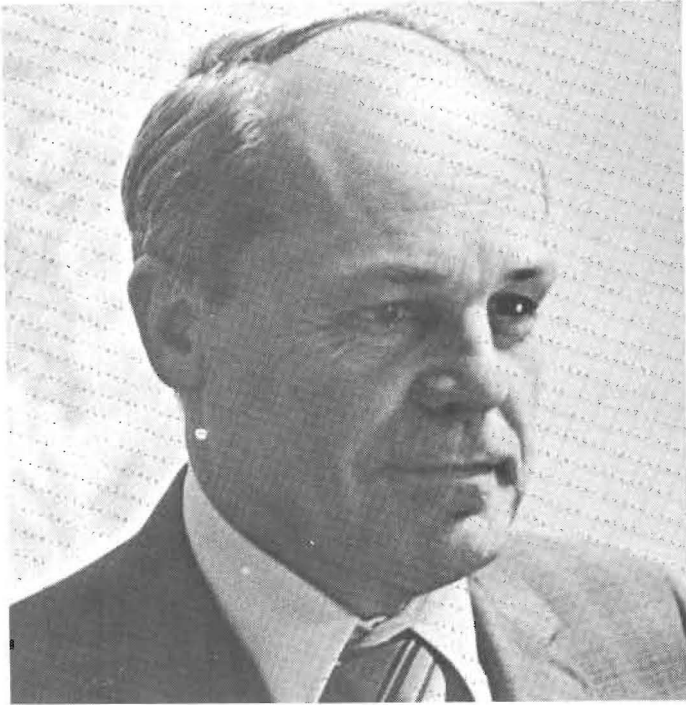
The weather flight performed surface observations, winds aloft observations (PIBAL), weather map plotting and analyses, terminal forecasting and group stand-up briefings.

A representative observation site (ROS) was established during the fiscal year in the HANG staging area using the flight's meteorological van. The ROS observer relayed the surface observations to the HANG Weather Station using a field phone. Simulated long line transmission of these observations was then performed by the in-station observer. The ROS function fulfills an Air Weather Service requirement for continuous weather watch during all flying activities.

The PIBAL program was also implemented during the past fiscal year. The men became highly proficient in taking winds aloft measurements in support of flying operations. The increased use of weather satellite pictures was greatly expanded and improved the weather support to the fighter group. Meteorological classroom instruction was provided twice to the fighter pilots of the 199th Fighter Intercept Squadron during the past fiscal year.

The annual Air Weather Service Inspector General inspection was conducted during April 1971 at the HANG Weather Station. For the third consecutive year, the weather flight had no major deficiencies. The unit was rated as satisfactory and operationally ready to accomplish its mission.

Hawaii State Civil Defense



Mr. John N. Butchart
Vice Director of Civil Defense

MISSION

The mission of the State Civil Defense Division is to (1) minimize casualties, reduce property damage, and restore essential public services in the event of natural disaster; (2) insure maximum survival of the population, minimize property damage, 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.

Act 50, passed by the State Legislature during the fiscal year of this report, and signed by Governor John A. Burns, broadened the State Civil Defense disaster relief program to include major disasters caused by acts of man, including but not limited to massive oil spills, nuclear accidents, aircraft crashes and civil disturbances.

The objectives of the nuclear, man-made and natural disaster programs of State Civil Defense are closely related and cannot be treated separately. The organization, facilities and training for nuclear-attack planning are utilized in varying degrees for natural and man-made disaster relief operations, and are dependent upon the magnitude of the disaster.

ORGANIZATION

The State Civil Defense Division coordinates the civil defense planning of all organizations (both public and private) within the State.

Upon declaration of a civil defense emergency, the Civil Defense Division of the Department of Defense, headed by the Director of Civil Defense (CD), becomes the nucleus of an emergency State headquarters in direct

support of the Governor. This headquarters coordinates and directs all government, business, and individual emergency actions and activities throughout the State.

Each of the four counties has a Civil Defense Agency headed by a Deputy Director (the County Mayor) and operated by an Administrator and his staff.

Normal operations are carried out by regular staff members. However, in the event of a national emergency, the Division's functions would be administered by its seven branches. Five branches—Administration, Intelligence, Operations, Logistics, and Communications—are headed by State CD staff members. The remaining two branches are headed by Directors of State government departments: the Health and Medical branch is headed by the Director of the Department of Health, and the Emergency Welfare branch is headed by the Director of the Department of Social Services and Housing. In addition, a fiscal service is operated by the Departments of Budget and Finance and Accounting and General Services. The operational activities are supported by the Emergency Resources Management Agency, composed of both government and business leaders.

Cooperating agencies include the National Oceanic and Atmospheric Administration, Armed Forces, American Red Cross, National Guard, Civil Air Patrol, and other departments and agencies of the Federal, State and County governments.

The State Civil Defense Division reviews and approves long-range and annual programs of each county and makes recommendations on such programs to the Federal Regional CD Office.

In consonance with the national civil defense plan, the division supervises coordinative efforts of the State and counties and insures that operational instructions are disseminated to all levels. The division tests these plans by exercises and alerts, and reviews the results to determine their effectiveness. Changes are made when necessary.

The State Civil Defense Division also reviews and approves (1) County Civil Defense staffing patterns; (2) county project applications for funds submitted under Public Law 920 and Public Law 85-606; and (3) project applications for State natural disaster support and Federal natural disaster support submitted by State agencies and County governments.

PERSONNEL

Full-time State staff members include the Director, Vice Director, Operations and Training Officer, Economic Resources Mobilization Officer, Intelligence and Education Officer, Information Specialist, Communications Officer, Procurement and Supply Specialist, Radio Technician, Radiological Defense Officer, Radiological Electronics Technician, Administrative Officer, Accountant, Secretary and two Stenographers.

Earl McDaniel, Station Manager for KGMB radio and television, continued as Civ-Alert Director throughout the fiscal year. Bob Sevey and Roger Coryell continued to serve Civ-Alert as Executive Directors.

Samuel L. Keala, Jr., Chairman; Dr. Arthur F. Mann, Vice Chairman; Mrs. Jeanne B. Johnson; Dr. Isaac A. Kawasaki; and Shigeru Kimura continued to serve on the State Civil Defense Advisory Council. Edwin I. Adolphson of Wahiawa, Oahu, was appointed to the Council by Governor John A. Burns on August 4, 1970, and served for the remainder of the fiscal year. Robert L. Stevenson, who had been appointed to the Council during the previous fiscal year, resigned on November 23, 1970, due to the press of other duties. New appointments and re-appointments to the CD Advisory Council are subject to confirmation by the State Legislature.

NATURAL DISASTER PROGRAM

Legislation

Two legislative actions occurred which broadened the scope of the natural disaster program. Congress enacted Public Law 91-606 which increased the degree and types of assistance available to individuals. The Hawaii State Legislature modified Chapter 128, HRS, to provide State disaster assistance in the event of man-made disasters.

Plans

As a result of PL 91-606, the State Civil Defense Division compiled all natural disaster plans into a single volume titled Plan for Emergency Preparedness, Volume III, Disaster Assistance.

During the fiscal year, State Civil Defense published the final draft of a "Marine Oil Spill Disaster Plan" and held a conference to discuss the characteristics of a major spill and the best methods of dealing with it. Hawaii, an island state, is particularly vulnerable to this type of disaster.

Heavy Rains, November 25-26

State and Oahu County Civil Defense personnel activated their disaster plans November 25-26, when extremely heavy rains caused flood waters 6 to 10 feet deep. The flooding occurred primarily on the windward side of Oahu. Sixteen homes sustained damage to furnishings and personal property. Four other homes received damage to their structures. A church and 11 automobiles were damaged by the resultant flooding. Debris clearance cost the State and the City and County of Honolulu \$9,410.

Heavy Surf, High Winds and Heavy Rains, January 15-16

A fairly severe storm occurred on January 15-16, as high winds, heavy rains and heavy surf lashed the State, primarily Kauai and Oahu. State, Oahu and Kauai CD units activated their staffs and issued emergency instructions to the public through the news media. The City and County of Honolulu's emergency operating center was activated and civil defense, fire, police and public works officials answered trouble calls. Oahu CD officials estimated that approximately \$75,000 worth of damage was done on Oahu. Heavy surf caused minor damage at Pokai Bay.

High Winds, Tornadoes and Floods, January 27-28

On January 27-28, a storm climaxed by a tornado in Kailua-Kona on Hawaii Island, swept through the State. Four persons were injured at Kailua-Kona, a post office was severely damaged and many buildings lost their roofs. One

multi-story hotel building under construction collapsed. The destructive winds cut a swath about 300 feet wide and one-half mile long through the area causing severe damage to 25 business enterprises and two homes. The estimated loss of private property amounted to \$1,046,500. Public property damage was \$14,500. High winds accompanying the tornado in the County of Hawaii caused an additional \$29,000 loss at a macadamia nut farm.

The principal damage in the City and County of Honolulu occurred in Whitmore village from another tornado which struck just after midnight on January 27. Approximately \$92,050 in damage to 21 private homes was recorded.

The County of Maui reported windspread damage from heavy rains and flooding in the Wailuku, Makawao, Hana and Kula Districts. National Guard troops were activated to help evacuate stranded Maui residents. Damage to public property totaled \$151,800, and to private property \$302,000.

The County of Kauai suffered only minor damage. Small debris deposits on public roads were cleared at a cost of approximately \$1,000.

The Small Business Administration declared the storm-damaged areas of Oahu, Maui and Hawaii official disaster areas.

MAN-MADE DISASTERS

There were no significant man-made disasters during the fiscal year, although State CD became involved in a number of minor marine oil spills.

FALLOUT SHELTER PROGRAM

The program to locate, license, mark and stock fallout shelters continued in all counties. Stocking of food, water, medical supplies, radiological monitoring equipment and sanitation supplies is dependent upon the availability of shelter space and the availability of supplies from the Federal government.

There are still insufficient fallout shelters to accommodate the population in many areas; however, the community shelter plan informs people of this fact and instructs them in improvising "expedient shelters" in or near their homes.

At the end of the fiscal year, there were 551,110 fallout shelter spaces on Oahu, 58,094 on Hawaii Island; 20,048 in Maui County and 9,031 in Kauai County.

During the year, each neighbor island family received a booklet and map enclosure prepared by Civil Defense officials giving them specific instructions on what to do and where to go in the event of nuclear attack.

The neighbor island maps also give general instructions on which available shelter to go to and what traffic routes to follow.

COMMUNICATIONS AND WARNING

State Civil Defense maintains state-wide radio, teletypewriter, and telephone communications and warning systems. Radio and teletypewriter facilities in Birkhimer Tunnel were modernized during the year and the inter-island shortwave radio system was modified to include a teletype input.

A total of 4,081 messages were transmitted over the teletype system. The Honolulu office of the National



Weather Service was tied into this system, enabling state-wide dissemination of weather conditions several times daily.

State CD assisted the counties in designing and obtaining civil defense and public safety radio equipment. Coordination of engineering, procurement and installation of two-way radio systems was accomplished for numerous branches of State government, including the Governor's office, Defense, Highways, Social Services and Housing, Airports, Fish and Game, and Forestry.

A radio repeater was installed on Windward Oahu to provide expanded CD coverage. Several new base station radios were also installed.

CD Sirens

Two new fixed warning sirens were installed during the fiscal year at a cost of \$11,678. In addition, three fixed sirens were replaced at a cost of \$12,874 and the first radio-controlled siren in the State was installed near Kapoho on Hawaii Island. One-half of the total cost was provided by federal funds. The siren control line rentals are paid for by the State while the siren maintenance and power costs are borne by the county governments.

Maintenance

A communications and electronics maintenance shop is maintained at the CD headquarters to support a wide range of telecommunications equipment throughout the State.

OPERATIONS AND TRAINING

Emphasis on improved operational readiness continued throughout the year. A major factor in the increased readiness was the improvement of the Emergency Operating Center (EOC) in Diamond Head's Birkhimer Tunnel. A new air conditioning plant and an emergency generator were installed, electrical circuits improved, paint renewed and the roof completely waterproofed.

An internal communications net was developed within the tunnel complex. It consists of six teletype machines.

Hawaii led all other states last year, on a per capita basis, in the number of persons involved in exercises. Tests were tailored to area needs and all elements were tested including the Emergency Resources Management Agency, Civil Air Patrol and the Hawaii Command (for military support).

Planning for all emergencies was more current and complete than at any previous time. The majority of county plans were updated and State CD completed volumes one and three of a three-volume set of written civil defense material titled "Plan for Emergency Preparedness." The separate volume titles are (1) Operational Civil Defense; (2) Emergency Resources Management, and (3) Disaster Assistance.

Training was aimed at developing greater operational readiness among the staff and at increasing the community's ability to respond effectively in time of emergency. At the end of calendar year 1970, a survey of training status was made among all states. Hawaii ranked: fourth in radiological monitoring; seventh in shelter management; fifth in civil defense home study courses; first in emergency operations exercises; and first in conferences and workshops.

All training commitments and projections for the year were exceeded.

INTELLIGENCE AND EDUCATION

In September, 1970, State Civil Defense issued a new Disaster Instructions and Warning Procedures manual, outlining the system to be followed in receiving and disseminating disaster warning information, and issuing instructions for emergency operations and public response. These instructions superseded the Natural Disaster Instructions manual of December, 1967.

Procedures for the State Warning Point were reviewed and revisions made to insure rapid response to the emergency warning system.

In November, 1970, State Civil Defense completed Chapter 9, (Emergency Operational Intelligence Procedures) of the State Plan for Emergency Preparedness. The chapter established terminology methods and procedures for reporting operational intelligence in the event of an enemy attack or other nationwide emergency. These procedures superseded procedures in a 1968 publication.

Public education activities of the State and county Civil Defense offices continued at a high level during the year.

In February, State CD, in cooperation with the Tsunami Warning Center and Honolulu Observatory, assisted in the production of a documentary film on the Civil Defense warning system. This film, produced by KHET-TV, emphasized tsunami warning and the need for emergency response. It was televised four times and selected as one of the best programs in the series.

CD staff members made 59 public appearances with an estimated total attendance of 2,921. This included 31 guided tours of Civil Defense facilities attended by 1,699 persons and 19 talks heard by 1,222 persons.

PUBLIC INFORMATION

Public interest in civil defense continued at a high level during the year.

State Civil Defense issued 185 news releases during the year to inform the public about the Civil Defense mission and role, and to educate them in emergency survival procedures. In addition, queries by the press were answered and CD staff members were interviewed by the news media.

The State won three national awards—two firsts and a second—in the annual publications contest sponsored by the National Association of State Civil Defense Directors.

Over 8,984 state, regional and national publications were distributed to the public and to government agencies during the year.

The Federal Office of Civil Defense exhibit in the main branch of the Hawaii State Library was maintained and used for the distribution of written material—both local and national. Displays in Birkhimer Tunnel and at the Honolulu Police Department were also continued.

Sixty-two television and radio shows included civil defense material including coverage of the neighbor island Community Shelter Plan distribution. Fifty-six films were loaned out during the year and the Hawaii Civil Defense Journal—State CD newsletter—continued to be published bi-monthly.

Sixty-three pages of emergency information were maintained for use during a time of international crisis or immediately preceding or following a nuclear attack.

Over 100 photos were taken for briefings and for release to the news media.

RADIOLOGICAL DEFENSE

An OCD instrument modification program was implemented by State CD in November, 1970. This program alleviated the moisture contamination in radiological survey instruments.

A total of 770 radiological instrument kits were distributed throughout the State and to locations in Guam and American Samoa. The distribution of these kits involved the inspection and repair of 2,761 instruments.

The State also developed an aerial survey and monitoring capability. Two survey units were provided by the Honolulu Civil Air Patrol (CAP). Others were located with a helicopter from the Honolulu Fire Department, a CAP unit on Maui and a CAP unit on Hawaii.

The plan calls for adding a survey capability to CAP

units on Kauai and in Kona on Hawaii Island. This will give each county an aerial monitoring capability.

The State Civil Defense radiological calibration and maintenance contract with the Federal government was extended to August 31, 1971.

A comprehensive peacetime State radiological accident-incident plan was published and distributed to all Federal, State and local agencies requiring such guidance.

RESOURCES MANAGEMENT

Approximately 50 people participated in the Emergency Resources Management Agency portion of the annual State and County Civil Defense exercise on November 20, 1970.

The objectives of the exercise were to:

1. Practice procedures for conservation, distribution and use of resources following a nuclear attack.

2. Promote the development of the resources organization and to afford its members an opportunity to review applicable emergency resources management procedures.

3. Provide the basis for State participation in Regional plans involving post-nuclear attack resources management policies.

State Civil Defense continued to participate in the quarterly meetings and conferences of the U.S. Department of Agriculture's State Defense Board and four county Defense Boards. These boards, working closely with the State and County Civil Defense units, would manage the agricultural resources of Hawaii during a national emergency. The Food Division of the State Emergency Resources Management Agency, coordinating closely with its Federal counterpart, applies State controls to food and related items during a serious disaster. At year's end, the Food Division was activated due to the shipping strike.

FEDERAL SURPLUS PROPERTY

The Federal Surplus Property program continued to provide items of equipment and supplies to State Civil Defense and the county Civil Defense agencies. The value of these donated items for the year totaled \$32,445, bringing the accumulated total since the program was initiated, to well over a million dollars, based on acquisition costs to the Federal government.

HEALTH AND MEDICAL

Satisfactory progress has been made toward reaching the State's goal of providing emergency medical services for the people of Hawaii in disaster situations.

The emergency medical stockpile was increased by the acquisition of twenty 200-bed hospital reserve disaster inventory units. Every hospital in Hawaii now has a reserve medical supply on hand to provide medical services for 200 in-patients for 30 days.

Planning with the hospitals, medical societies and ambulance services resulted in a recommendation for the State purchase of a statewide radio medical communications network. The proposed system will be utilized in normal day-to-day county operations and will allow statewide communications in the event of a major disaster.

Administrative Services Office

MISSION

The mission of the Administrative Services Office is to provide for the effective financial management and administration of State and Federal funds appropriated and/or received for the support of the Department's programs. The office also provides other supporting services and coordinates all activities relating to planning, programming and budgeting and execution of the Department's programs.

ACTIVITIES

Planning, Programming and Budgeting

The Administrative Services Office coordinated with and assisted the program managers in restructuring and de-

veloping the program and financial plans for fiscal years 1969-70 through 1977-78 in accordance with the requirements of Act 185, SL 1970, as implemented by the Department of Budget and Finance.

Financial Administration

The Department received and administered \$1,454,238 in general fund appropriations and \$373,559 in Federal fund appropriated receipts during the fiscal year ending June 30, 1971. Of this amount, a total of \$1,758,567 was expended leaving a net general fund balance of \$69,230. The distribution of appropriations, receipts, and expenditures by programs and the character of the expenditures follows.

Program and Character of Expenditures	Adjusted General Fund Appropriation	Federal Fund Receipts	Expenditures	General Fund Reversion
Departmental Administration				
A. Personal Services	\$ 622,371	\$ 34,496	\$ 645,205	\$11,662
B. Other Expenses	54,244	23,446	65,494	12,196
C. Equipment	5,070	—	5,070	—
M. Motor Vehicle	3,339	—	3,339	—
Total	\$ 685,024	\$ 57,942	\$ 719,108	\$23,858
Hawaii Air National Guard				
A. Personal Services	\$ 34,175	\$ 32,431	\$ 58,595	\$ 8,011
B. Other Expenses	52,472	51,289	96,636	7,125
C. Equipment	804	—	804	—
Total	\$ 87,451	\$ 83,720	\$ 156,035	\$15,136
Hawaii Army National Guard				
A. Personal Services	\$ 304,284	\$ 19,600	\$ 315,617	\$ 8,267
B. Other Expenses	190,116	45,487	214,116	21,487
C. Equipment	4,916	—	4,916	—
M. Motor Vehicle	3,451	—	3,451	—
Total	\$ 502,767	\$ 65,087	\$ 538,100	\$29,754
Civil Defense				
A. Personal Services	\$ 86,707	\$118,713	\$ 205,333	\$ 87
B. Other Expenses	67,876	48,097	115,973	—
C. Equipment	20,213	—	20,213	—
Total	\$ 174,796	\$166,810	\$ 341,519	\$ 87
Pacific War Memorial Commission				
B. Other Current Expenses	\$ 4,200	—	\$ 3,805	\$ 395
GRAND TOTAL	\$1,454,238	\$373,559	\$1,758,567	\$69,230

The office provided the required administrative support of the Department's programs and activities by processing a total of 2,524 purchase orders, 2,085 expenditure vouchers, 260 summary warrant vouchers, 75 revocable permits, 107 workmen's compensation claim vouchers, 240 bills for collection, 48 Federal fund reimbursement vouchers, and 67 State Treasury deposit slips.

The Department's cash receipts for the year amounted to \$817,139.58. Of this, \$234,983.06 was deposited into the State general fund, \$208,597.58 into the operating program accounts as reimbursements and contract revenues and \$373,558.94 as appropriated receipts. The distribution by source and the accounts in which funds were deposited were:

Source	Deposited To		
	General Fund	Contract & Operating Account	Appropriated Receipts
Non Tax Revenue			
Armory Rental	2,147.25	—	—
Building Rental	13,041.50	—	—
Reimbursements			
Prior fiscal year	492.26	—	—
Vacation Credits	—	37.43	—
Workmens Comp.	—	783.66	—
Utilities	—	9,205.02	—
Others	—	970.95	—
Federal Funds			
Disaster Relief Assistance			
Maui Disaster	219,302.05	—	—
CD Reimbursement			
to Counties	—	163,613.45	—
PL 85-606	—	—	—
Reimbursement	—	—	90,305.64
PL 920	—	—	—
Reimbursement	—	—	41,439.24
CD Contracts	—	33,987.08	35,065.12
Army Service			
Contract	—	—	123,029.33
Air Service Contract	—	—	83,719.61
Total	\$234,983.06	\$208,597.58	\$373,558.94

Specific Appropriation Funds

There were no appropriations and expenditures from the State Major Disaster Fund during the past fiscal year.

Federal Funds — Civil Defense

The Civil Defense Division was provided with Federal matching funds under the Federal Contribution for Civil Defense Equipment Program (Public Law 920) and Personnel and Administration Program (Public Law 85-606). Fifty percent of the authorized expenses for equipment, supplies, communications and personnel and administrative costs were reimbursed to the State. Additional Federal funds were provided under contracts for radiological maintenance and calibration and disaster planning assistance and for reimbursement to the Major Disaster Fund for the rain-storm damages in the Hana district of Maui County.

Federal Funds — Service Contract

The Army and Air National Guard Divisions are provided with Federal fund support under service contract agreements negotiated between the State and Federal government wherein 75 percent (Army) and 80 percent (Air) of the expenditures for the maintenance and operations of buildings and grounds occupied by federally supported activities of the Hawaii National Guard are reimbursed to the State. These funds are deposited into the State General Fund as appropriated receipts and are utilized by the Department only to the extent reflected in the approved budget. Reimbursements received that are in excess of the budget estimate are reverted into the general fund of the State.

United States Property and Fiscal Officer

MISSION

The United States Property and Fiscal Officer (USPFO) is a National Guard officer on extended active duty and is the logistical and fiscal advisor to the Adjutant General.

The mission of the USPFO for Hawaii is to: provide property of the Departments of the Army and the Air Force to the Hawaii National Guard (HNG); account for such property; conduct purchasing and contracting activities; provide transportation and fiscal support; and to maintain adequate records to accomplish these responsibilities.

ORGANIZATION

Three divisions make up the organization of the Office of the USPFO—Administrative, Logistics, and Comptroller.

The Office of the USPFO is staffed with 51 full-time technicians. Additionally, the Comptroller and the Chief of the Supply and Service for the Hawaii Air National Guard (HANG) are designated Assistant USPFO for Air (Fiscal) and Assistant USPFO for Air (Property), respectively.

ADMINISTRATIVE DIVISION

This division performs all administrative services in support of the USPFO operations. Support includes maintaining a centralized filing system, records management, distributing technician pay checks, reproducing and disseminating publications, and secretarial and stenographic services.

The Administrative Division is further divided into the Automatic Data Processing Branch and the Examination Branch.

Automatic Data Processing Branch

The Automatic Data Processing Branch provides electronic accounting machine service to the USPFO, State Maintenance Office, and various offices of the Adjutant General. Accounting and management reports are compiled by data processing equipment in the logistical, maintenance, fiscal, and personnel fields. A new program of mechanizing military payrolls to aid individual units was implemented during the year.

Another program to replace present older data processing equipment with modern computers was announced during the year, with a tentative implementation date of Fiscal Year 1973.

Examination Branch

The Examination Branch consists of one supervisory examiner and three examiners. It is required to conduct periodic examinations of the various activities serviced by the USPFO. Fiscal matters, supplies, and equipment issued to HNG units and activities are carefully examined to insure that proper accountability is being maintained and supplies are being used for their intended purpose.

A total of 121 internal reviews and examinations was conducted during Fiscal Year 1971.

LOGISTICS DIVISION

The Logistics Division provides logistical support and guidance to 46 units and activities of the Hawaii Army National Guard (HARNG). This division is responsible for the acquisition, storage, inventory, accounting, distribution, evacuation and disposition of property assigned to HARNG. It supports both the Army and Air Guard in the movement of equipment and personnel. The Logistics Division is divided into four functional branches: Supply, Warehouse, Self-Service Center (SSSC), and Transportation.

Supply Branch

Federal funds used to purchase Fiscal Year 71 equipment and supplies for units of the HARNG were:

Clothing and uniform	\$160,400.00
Subsistence	74,700.00
Operation and maintenance of equipment and facilities	182,700.00
Total expenditure	\$417,800.00

The value of stock on hand at the end of Fiscal Year 1971 amounted to \$111,816.00.

Warehouse Branch and SSSC

The Warehouse Branch processed 26,383 documents, consisting of 42,577 items of equipment. In addition to the foregoing, 3,139 documents and 51,822 items were handled in the issue of clothing to the units. The SSSC furnished supplies worth \$33,995 to the units of HARNG.

Transportation Branch

This branch processed 1,052 passengers and shipped 310 tons of cargo during the fiscal year. Of the 1,052 passenger movements, 195 were inter-island, 705 were government air to CONUS, and 152 were commercial air to CONUS.

Assistant USPFO for Air (Property)

During Fiscal Year 1971, the HANG supply account was converted into a satellite account of the 6486th Air Base Wing UNIVAC 1051-II computer. The USAF Standard Base Supply System uses the computer to provide standardization. Under program control, it gives faster response to demands for supply support and improves accuracy and timeliness of data furnished to local commanders, the National Guard Bureau, and Air Force Logistics Command for inventory management purposes. For the first time in ANG history, supply management products were made available on a "real time" (immediate) basis. The HANG supply account was converted and products loaded on the computer on January 16, 1971. Under the old punch card accounting system, funds were obligated when requisitions were initiated to the source of supply. Under the Standard Base Supply System, funds are obligated only upon issue to HANG units. The concept of the new system is to "buy only what you need and sell what you buy."

Several categories of supplies were received by HANG units during Fiscal Year 71. Aircraft NORS (Not Operationally Ready — Supply) averaged 0.9% monthly — well below the 5% criterion established by the Air Force. About 5.3% line items were removed each month from aircraft

that were out of commission for maintenance. These parts were used to make other aircraft operationally ready at a monthly manhour average of 7½ hours. Aerospace Ground Equipment averaged 2.5% out-of-commission time per month because of a lack of supply support. Missiles averaged 0.7% out-of-commission time per month, also because of a lack of supply support. The bench stock fill rate averaged 92.5% per month which compares favorably with the PACAF criterion of 90%.

A total of \$113,120.00 was expended on the local purchase of supplies, equipment, and services.

Ninety-nine percent of all authorized equipment was on hand and in use by HANG organizations except the 201st Mobile Communication Squadron which had ninety-two percent of its authorized equipment on hand.

The National Guard Bureau allocated \$660,585.00 in supply funds, \$86,768.00 in equipment funds, and \$33,505.00 in services funds to support HANG units requirements during Fiscal Year 1971.

COMPTROLLER DIVISION

Federal funding support for the HNG is derived from annual Congressional appropriations. Department of the Army/Air Force allocations to the National Guard Bureau are subsequently made available by specific allotments to the USPFO of each state. Open allotments are established at the National Guard Bureau or the Department of the Army/Air Force levels for the obligation of armory drill pay, six-month trainee expenses and other costs that are centrally controlled.

HARNG funds are administered by the Comptroller whose functions include budget development and presentation, review and analysis, fiscal accounting and reporting, civilian payroll activities and purchasing and contracting services. The Comptroller Division includes the Fiscal Accounting, Technician Payroll, Purchasing and Contracting, and the Budget Branches.

Fiscal Accounting Branch

The Fiscal Accounting Branch provides for the accounting and reporting requirements for all Federal funds allotted to the State. Funds for the support of the ANG are allotted to the Assistant USPFO for Air (Fiscal) located at Hickam AFB. Examination and disbursing services are provided by the Finance and Accounting Offices of the active Army and Air Force. Federal funds allotted to the State during the year to support HARNG operations totaled \$4,606,888. The obligations, which totaled \$4,577,988 or 99.4% of the available funds, are shown in Plate IV.

Purchasing and Contracting Branch

The Purchasing and Contracting Branch provides procurement services for activities of the HNG. Procurement of supplies (including construction) and services is made by formal advertisement or by negotiation in accordance with Department of Defense (DOD) procurement regulations. The Contracting Officer (USPFO for Hawaii) appointed Ordering Officers for the purpose of negotiating small purchase requirements at local levels. Local procurement actions were limited to the islands of Oahu, Hawaii, Maui, Molokai, and Kauai during the past fiscal year. Table I depicts distribution of procurement expenditures.

TABLE I — ARMY NATIONAL GUARD LOCAL PROCUREMENT

	OAHU	HAWAII	KAUAI	MAUI	MOLOKAI	TOTAL
Operating Supplies and Equipment	\$ 76,212	\$ 2,818	\$ 5,193	\$ 327	\$ 92	\$ 84,642
Contractual Services	42,235	1,308	4,695	251	271	48,760
Physical Examinations	—	1,912	986	1,381	86	4,365
Subsistence	2,594	6,741	1,975	2,749	629	14,688
Supplies and Services from Federal						
Supply Schedule Contracts	97,394					97,394
Utilities: Communications	6,777					6,777
Service Contracts:						
Army National Guard	130,800					130,800
Air National Guard	108,000					108,000
Other Construction Contracts	20,047					20,047
TOTALS	\$484,059	\$12,779	\$12,849	\$4,708	\$1,078	\$515,473

Technician Payroll Branch

The Technician Payroll Branch provides administrative services to include payroll preparation; leave and attendance accounting; payroll deductions for insurance premiums and miscellaneous allotments; and the maintenance of individual earnings and civil service retirement records of all Federal civilian employees of the HARNG.

HARNG payroll data for Fiscal Year 1971 shown in Table II includes the Federal Government's contribution to employee Social Security, State retirement, Federal retirement, Federal insurance and medical programs.

TABLE II — HAWAII ARMY NATIONAL GUARD PAYROLL DATA FOR FY 1971

	Man-Years	Cost
Man-years and Payroll:	256.7	\$2,852,130
Cost of Benefits:		
Health Insurance		29,772
Life Insurance (FEGLI)		7,603
Federal Civil Service Retirement		169,252
State Employees' Retirement System		6,486
FICA Taxes		7,859
	CY 70	CY 70
	Leave Used	Leave Earned
Annual Leave	13,292	7,483
Sick Leave	3,134	4,358

Assistant USPFO for Air (Fiscal)

The Assistant USPFO for Air (Fiscal) is responsible to the USPFO for Hawaii for technical and accountability purposes.

The Accounting and Finance Section is responsible for the receipt, obligation and accounting of Federal funds. This section maintains the general ledger and subsidiary ledgers which reflect data relative to assets, liabilities, income, expense, inter-office and appropriation accounts. The Air Force Finance Office at Hickam AFB makes payment for ANG obligations.

The Budget Section formulates, coordinates and executes tentative financial plans, annual financial plans and periodic revisions. This section provides estimates of funds required to implement programs and coordinates with

financial managers in the development, administration, review and adjustment of the financial plans.

The Civilian Payroll Section prepares payrolls and processes time and attendance reports and leave records. It also maintains individual leave, earnings and retirement records. Individual subsidiary records are also maintained for union dues, U.S. savings bonds, savings allotments, the Federal Insurance Contributions Act, group life and health premiums and the Combined Federal Campaign.

The Military Pay Section reviews and processes all documents affecting military pay and travel entitlements. Card inputs are prepared and forwarded to the Air Force Accounting Finance Center at Denver, Colorado under the Centralized Computer Pay System for payments to members.

The Date Automation Section plans, develops, and coordinates data processing systems for all HANG activities. Records are maintained on punch cards and processed by punch card accounting machines.

Federal funds expended in support of HANG are shown in Plate IV.



Civilian Personnel Office

The Civilian Personnel Office provides centralized personnel services for the Federal technicians and State employees of the Department. It furnishes the Adjutant General, the staff, and departmental supervisors with assistance on program planning and policies, employee-management relations, employee development, and employee services. The Civilian Personnel Officer provides these services under authority delegated by the Adjutant General and within the regulatory, legal, and procedural controls established within the Federal and State personnel systems.

EMPLOYEE MANAGEMENT ACTIVITIES

Employee-management relations became increasingly important during FY 71. A mail ballot election was conducted during the period of July 13-28, 1970 under Presidential Executive Order 11491. The election resulted in the granting of exclusive recognition to the American Federation of Government Employees (AFGE) Local 882 as a bargaining unit. The unit consists of all non-supervisory Federal technicians of the Hawaii Army National Guard (State-wide). A dues check-off agreement for all HARNG technicians was signed by the Adjutant General and the national representative, AFGE Local 882, on September 10, 1970.

In January 1971, AFGE Local 882 submitted a proposal for a negotiated agreement for Hawaii Army National Guard technicians. Formal negotiations began in early March 1971. A tentative agreement between TAG, Hawaii and AFGE was approved on June 4, 1971. The agreement is being ratified by the membership of the bargaining unit. The official signing of the agreement is scheduled for July 28, 1971. It will be effective upon approval of the National Guard Bureau and the Secretary of the Army. In April 1971, AFGE Local 882 submitted a draft of the proposed 154th Fighter Group, HANG, contract. The draft was studied and reviewed. Management's counter-proposals and the formation of the negotiation team were completed, and pre-negotiation sessions with AFGE Local 882 have been scheduled for September 1971.

In October 1970, the National Guard Bureau (NGB) issued reclassification actions for Army and Air National Guard positions. These resulted from the realignment of technician positions with civil service classification standards. Most of the upgrading actions were in General Schedule positions. Downgrading actions were primarily in the Wage Grade area and generally in aircraft-radio-radar skill areas. In December 1970, NGB suspended all reclassification actions because of the number of reclaims received from the states. The reclassification action is presently under review by the U.S. Civil Service Commission and the National Guard Bureau.

OTHER ACTIVITIES

The Department supported the inaugural ceremony for Governor John A. Burns and Lieutenant Governor George Ariyoshi on December 7, 1970 at the Iolani Palace grounds. HNG support included 24 officers and 45 enlisted men. Tasks included seating of guests, marshalling of the area, parking and traffic control.

The Department's effort in the 1971 Honolulu Area Combined Federal Campaign in September-October 1970 resulted in 100 percent participation.

The Aloha United Fund Drive in October 1970 also resulted in 100 percent participation by State employees. Aloha United Fund Outstanding Citizenship Awards were presented to the Office of the Adjutant General, Air National Guard, and Public Affairs Office. The U.S. Savings Bonds Drive of June 1971 resulted in seventy-one percent of all State employees and forty-eight percent of all Federal employees participating in payroll purchases of U.S. Savings Bonds.

Participation in employee training development programs for both State and Federal employees showed a steady increase since the beginning of the year. Courses and the number of attendees during the year were:

JOB SKILLS:	
Orientation	33
Basic Specialized Job Skill	23
Advanced Specialized Job Skill	16
GENERAL MANAGEMENT:	
Supervision	15
Middle Management	11
Executive Development	4
SAFETY/CIVIL DEFENSE	171
GUEST SPEAKERS	163
COMMUNICATION & OFFICE SKILLS:	
Writing and Speeches	34
Conference Leadership	6
Improved Public Service	8
TOTAL	484

EMPLOYEE SERVICES

All "blue collar" technicians were converted from the Wage Board system to the Coordinated Federal Wage System (CFWS) effective July 26, 1970. Salary increases for Federal "white collar" technicians were authorized and processed in January 1971.

The National Guard Bureau established the National Guard Technician Personnel Management Information System (TPMIS) in August 1970. The system implemented a computerized civilian personnel information program. TPMIS was designed to provide employment statistics to the Departments of the Army and the Air Force and the National Guard Bureau. This relieves the State in whole, or in part, of current requirements for numerous reports. Six recurring reports were eliminated during the past fiscal year.

All Federal employees' Official Personnel Folders were examined and purged during the period March-June 1971. This was necessary to insure that discrepancies and data generated in the conversion from State to Federal status during the period August 13, 1968 to January 1, 1969 were corrected and updated.

The civilian personnel strengths of the Department at the beginning and at the end of the fiscal year were:

	7/1/70	6/30/71
Army Technicians	268	254
Air Technicians	479	455
State Employees	126	141
	<u>873</u>	<u>850</u>

Retirement actions processed during the year:

	Army	Air	State	Total
Optional	2	—	2	4
Discontinued Service	—	1	—	1
Disability	1	1	1	3
Totals	5	2	3	10

Personnel actions processed during the year:

Type of Action	Army	Air	State	Total
Appointments	4	10	43	57
Separations	21	30	24	75
Reassignments	11	6	4	21
Promotions	11	36	9	56
Within-Grade Increases	50	160	40	250
Administrative Changes	270	958	199	1427
Return to Duty from Military Furlough	3	—	—	3
Totals	370	1200	319	1889

	Very		Satisfactory	
	Army	Air	State	Total
Outstanding	8	26	54	88

Outstanding and Very Satisfactory Performance Ratings during the year



Negotiations with labor unions highlighted FY 71.

Military Support to Civil Authorities

The Military Support to Civil Authorities Section (MSCA) is located in the Office of the State Adjutant General and is responsible for the development and issuance of plans relating to military assistance to civil authorities during (1) civil defense emergencies, (2) civil disturbances, and (3) natural disasters. The MSCA section also provides staff supervision for the security of the State Capitol Building, Washington Place and State Judiciary Building.

CIVIL DEFENSE EMERGENCIES

Mission

The Adjutant General of the State of Hawaii is tasked with establishing a military headquarters to plan for, and upon federalization, to conduct operations in support of civil defense utilizing the Headquarters Detachment of the Hawaii Army National Guard. Upon federalization, this headquarters will be reorganized and redesignated Headquarters, Hawaii Area Command, U.S. Army, Hawaii (HAWCOM).

Organization

During FY 70, the proposed organization for HAWCOM was submitted to the U.S. Army, Hawaii for approval in

the Modified Table of Distribution and Allowances (MTDA).

Planning

The MSCA Section worked in the close coordination with military and civil authorities, and continued progress was made during the year in planning for military support to civil authorities in civil defense emergencies. Significant progress was also made in initiating military support planning by the subarea commands through training and planning sessions.

Emergency Operations Center

An internal communications system was installed in HAWCOM Emergency Operations Center (EOC) during FY 71. Considerable progress was also made toward the installation of additional radios and emergency power supply sources.

Training

Training objectives for the year were attained. A total of thirty-two hours of inactive duty training was conducted during the year. The highlight was the MSCA-oriented six hour exercise conducted in conjunction with Exercise

HIGH HEELS—71. Personnel from HQ, USARHAW, HAWCOM subarea commands and representatives of the State Civil Defense Agency participated. The MSCA section provided training assistance in military support subjects to Hawaii Army National Guard units, U.S. Army Reserve units and the Civil Defense Advanced Radiological Class.

CIVIL DISTURBANCES

Planning

Fortunately, there were no civil disturbance incidents in the State of Hawaii that required military assistance. However, civil disturbance planning was approached with continuing concern. Planning with county civil defense and police authorities included phasing in of the returning 29th Infantry Brigade units into the civil disturbance mission.

Training

The 29th Infantry Brigade now provides the primary Hawaii National Guard civil disturbance force while the 298th Field Depot and the Hawaii Air National Guard provide the reserve forces.

In addition to the prescribed annual requirement for civil disturbance training, additional unit and leadership training was conducted during the last quarter of FY 71. This added training consisted of eight hours of civil disturbance training for the units and sixteen hours of leadership training for company grade officers and key noncommissioned officers.

NATURAL DISASTERS

In January 1971, the 1st Battalion of the 299th Infantry responded with five men and five military vehicles to assist in the evacuation of families and personnel from flooded areas on the Island of Maui. Plans for natural disaster assistance continue to be re-evaluated and updated.

STATE SECURITY FORCE

Security of the State Capitol, Washington Place and the State Judiciary Building was conducted satisfactorily. Numerous demonstration and protest groups were handled in a professional and courteous manner to the satisfaction of all concerned. No serious incidents occurred during the year.

Engineering and Facilities Maintenance

MISSION

The mission of the Engineering and Facilities Maintenance Section is to provide engineering and maintenance support to the Department of Defense and its divisions. The section programs, designs, and supervises construction and repair projects and provides for the protection, repair, and upkeep of departmental buildings and grounds.

ACTIVITIES

Programming Activities

The Engineering and Facilities Maintenance Section develops construction and maintenance programs and prepares budget requests for both Federal and State funds based on these programs. It helps formulate the Annual Maintenance and Operation Program and Capital Improvements Program for the State budget requests. In addition, it helps to formulate the Federal government's Repairs and Utilities Program, Long Range Armory and Non-Armory Construction Program, Minor Construction Program, and the Army and Air Guard Maintenance Service Contracts.

Maintenance, Custodial and Security Activities

This section is responsible for providing maintenance and custodial service for all buildings, grounds and other facilities of the Department of Defense. It programs and budgets for the personnel, material, and equipment use in carrying out this assignment. Through the Maintenance Superintendent it supervises the departmental maintenance and custodial personnel. In addition it purchases and distributes the building materials, janitorial supplies, and other equipment required for the performance of these services. Its tradesmen and laborers assigned to certain departmental facilities, or to maintenance crews on each island, carry out minor repair work and upkeep of departmental facili-

ties. Major maintenance and repair projects which are beyond the capabilities of assigned personnel are accomplished by formal or informal contracts. The Fort Ruger security force, composed of four guards, patrols the Diamond Head complex. The force comes under the supervision of the Maintenance Superintendent. They provide security and protection for the departmental facilities, property, and equipment located both inside and outside of Diamond Head Crater.

Engineering Activities

The Engineering Section provides the necessary technical support required for repairs and construction of facilities in the Department. It provides site investigations, preliminary plans, design analysis, engineering surveys, plans and specifications for minor construction. The section is also responsible for the solicitation of bids, necessary contractual documents, supervision of construction, inspection, and preparation of final reports.

In cases of armory and non-armory construction or other major projects supported by funds of both the State and Federal government, the section maintains liaison with other State and Federal agencies to assure compliance with current design criteria. Such projects often require coordination with State Department of Accounting and General Services, Division of Public Works, for matters concerning State-owned facilities. The section also coordinates with the National Guard Bureau, Army Corps of Engineers, and other Federal agencies on matters concerning Federal projects. In addition, the engineering section administers the State-Federal maintenance service agreements and reports on engineering and architectural matters.

REAL PROPERTY ACTIVITIES

The Engineering and Facilities Maintenance Section is re-

sponsible for the technical services involved in the acquisition and management of all real property for the department. This involves investigation of property, negotiations for acquisition or disposal, investigation of records, making of surveys, preparation of property instruments, and the maintenance of up-to-date real estate inventories, records, maps, and property files.

**DEPARTMENTAL ADMINISTRATION
MAINTENANCE, REPAIR AND CONSTRUCTION**

A total of 14 contracts amounting to \$23,809.70 were awarded during FY 71 for the maintenance, repair and minor construction of real property utilized by this division. One of two larger projects accomplished was the modification of the lighting system in a Diamond Head Crater access tunnel. Lighting was increased to a safe level at a cost of \$3,480.00. The second project was the replacement of the air conditioning condenser atop Building 5, Fort Ruger at a cost of \$3,722.00. A total of 37 work orders for maintenance, repair and minor alterations were also completed by division personnel at a cost of \$5,801.00.

**CIVIL DEFENSE MAINTENANCE,
REPAIR AND CONSTRUCTION**

During FY 71, division crews completed 21 work orders totaling \$8,213.00 for Civil Defense. The largest project was the alteration of Building 24 for additional office area. Three small repair projects were awarded at a cost of \$1,124.69. Design work for the modification of three tunnels at Diamond Head as fall out shelters was completed. This project will be bid, awarded and should be completed in FY 72.

Phase II of the roof renovation of Battery Birkhimer (waterproofing of the Emergency Operations Center), which was awarded in June 1970, was completed this year.

**ARMY NATIONAL GUARD MAINTENANCE,
REPAIR AND CONSTRUCTION**

In FY 71, 3 Federal contracts totaling \$12,480.07 and 23 State contracts totaling \$49,980.96, for maintenance, repair, alteration and minor construction projects were awarded. The largest construction project was the addition of weekend training site facilities at Kanaio, Maui at a cost of \$6,970.00.

The State facilities shop completed 148 work orders totaling \$32,415.00 for this division. The majority of these work orders were for the repair and minor alterations of facilities.

**AIR NATIONAL GUARD MAINTENANCE,
REPAIR AND CONSTRUCTION**

The total cost of maintenance, repair and minor alterations of the Air National Guard buildings at Hickam Air Force Base and the Kekaha Armory on Kauai was \$49,023.27. Thirty-six projects totaling \$38,680.27 were accomplished by contractors. State personnel completed 52 work orders at a cost of \$10,343.00.

Air National Guard construction projects funded by the Federal Government totaled \$46,888.00. The two largest projects were the construction of a relocatable modular building at Dillingham AFB and construction of 1,200 square feet of air conditioned office space in the Base Supply and Equipment Warehouse at Hickam AFB. Both projects were constructed by Air National Guard engineers as part of their training.

**PLATE I — PRINCIPAL COMMANDERS AND
STAFF OFFICERS**

ARMY NATIONAL GUARD

Brigadier General Frederick A. Schaefer III
Assistant Adjutant General Army
Commanding General HARNG

Headquarters, Hawaii Army National Guard

Chief of Staff COL Paul K. Nakamura
G1 LTC Saburo Ito
G2 LTC Edward K. N. Kim
G3 LTC Manuel DeMello Jr.
G4 LTC Conrad C. Tsukayama
Judge Advocate CPT James S. Burns
Surgeon LTC Alvin V. Majoska
Ordnance Officer LTC John R. D'Araujo
Selective Service Officer COL John M. Becker
HHD Commander CPT Louis N. H. M. Miranda, Jr.

29th Infantry Brigade

Commander BG Edward M. Yoshimasu
Deputy Commander COL Francis A. I. Bowers, Jr.
XO LTC Solomon W. Kaulukukui
S1 MAJ Wah Sung Chun
S2 MAJ Michael S. Teruya
S3 MAJ Rosario N. Daguio
S4 MAJ Rudolph C. Thomas

CO, HHC 29th Inf Bde CPT Kenneth T. Koike
CO, Troop E 19th Cav CPT Robert H. Joerger
CO, 227th Engr Co CPT Albert R. Ayers
CO, 2929th Med Det (Hel Amb)
CPT Ronald L. Windham
CO, 1st Bn 487th Arty LTC Thomas S. Ito
CO, 29th Spt Bn LTC Yoshiyuki Tahara
CO, 1st Bn 299th Inf MAJ John M. Sakuma
CO, 2d Bn 299th Inf LTC Fred J. Koehnen

298th Field Depot

Depot Commander COL Clyde W. Woods, Jr.
Deputy Commander COL Forest A. Hatfield
Director for Supply COL John E. Aiona, Jr.
Director for Maintenance LTC Alexis T. Lum
Director for Administration LTC Kerkin R. Keys
Director for Services LTC David F. DeCosta
Director for Plans & Training LTC Ben V. Acohido
Comptroller LTC Charles M. Wills, Jr.
CO, 297th Sup & Svc Bn LTC Philip L. King

111th Army Band

CO CW2 Jules D. Castro

117th Pub Info Det

CO CPT Gerald J. Silva

AIR NATIONAL GUARDAssistant Adjutant General, Air/Commander HANG
Brigadier General Valentine A. Siefertmann**Headquarters, Hawaii Air National Guard**Executive Officer Colonel Walter F. Judd
Director of Operations Colonel Robert B. Maguire
Air Operations Staff Officer...Lt Colonel Harold Nagai
Air Operations Staff Officer...Major William T. Klopp
Weapons Director Staff Officer
Lt Colonel William E. Mossman
Director of Material Lt Colonel Arthur U. Ishimoto
Ground Electronics Officer...Major Allen M. Mizumoto
Civil Engineering Staff Officer
Captain Cedric D. O. Chong
Medical Officer, Aerospace Medicine
Colonel Claude V. Caver Jr.
Director of Personnel Management
Major Richard M. Settsu
Comptroller (DS) Lt Colonel Richard S. Furuno**154th Fighter Group**Commander Colonel James R. Ashford
Deputy Commander—Operations
Lt Colonel Kurt E. Johnson
Deputy Commander—Materiel...Lt Colonel Frank Carlos
Executive Support Staff Officer
Major Carl L. Theone Jr.**199th Fighter Interceptor Squadron**Commander Lt Colonel Tai Sung Hong
Operations Officer Major Edward V. Richardson**154th Combat Support Squadron**

Commander Lt Colonel Herbert S. Isonaga

154th Consolidated Aircraft Maintenance Squadron

Commander Lt Colonel Harold T. Mattos

154th USAF Dispensary

Commander Lt Colonel Casimer Jasinski

154th Supply Squadron

Commander Lt Colonel Daniel K. C. Au

154th Civil Engineering Flight

Commander Major David F. Wissmar III

150th Aircraft Control and Warning Squadron (Fixed)Commander Lt Colonel Dewitt C. Bye
Weapons Director Staff Officer
Major Raymond J. Moriguchi**169th Aircraft Control and Warning Squadron (Fixed)**Commander Lt Colonel Kiyoshi P. Goya
Weapons Director Staff Officer...Major Donald M. O'Day**199th Weather Flight (Mobile/Fixed)**

Commander Captain Wyman W. M. Au

201st Mobile Communications Squadron (Bare Base)

Commander Lt Colonel Paul S. Mori

201st Mobile Communications Flight

Commander Major Leonard H. L. Young

202d Mobile Communications Flight

Commander Major Frederick S. Kimura

201st Flight Facilities Flight

Commander Major Roger T. Wanatabe

202d Flight Facilities Flight

Commander Major George Y. Kawatachi

PLATE II — STATION LIST OF UNITS**ARMY NATIONAL GUARD**

UNIT	STATION	DATE OF FED RECOG
HQ & HQ Det, HARG	Ft Ruger, Hon, Oahu	9 Sep 46
111th Army Band	Ft Ruger, Hon, Oahu	10 Sep 46
117th Pub Info Det	Ft Ruger, Hon, Oahu	1 May 60

298th FIELD DEPOT

HHC, 298th Field Depot	Wahiawa, Oahu	14 Oct 46
HHC, 297th Sup & Svc Bn.	Ewa, Oahu	17 Nov 47
290th Gen Sup Co (GS)	Waimanalo, Oahu	3 Nov 47
291st Maint Co (Lt DS)	Waimanalo, Oahu	29 Jun 48
292d Sup & Svc Co (DS)	Ewa, Oahu	15 Dec 47
298th Engr Det	Kokohead, Oahu	1 Apr 70

UNIT	STATION	DATE OF FED RECOG
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29th INFANTRY BRIGADE

HHC, 29th Inf Bde	Ft Ruger, Hon, Oahu	4 Jan 54
2929th Med Det (Hel Amb)	Hon Intl Airport, Oahu	17 Dec 67
227th Engr Co	Ft Ruger, Hon, Oahu	17 Apr 47
Troop E 19th Cavalry	Wahiawa, Oahu	17 Dec 67

29th Support Bn

HHD	Ft Ruger, Hon, Oahu	3 May 48
Co A (Admin)	Ft Ruger, Hon, Oahu	15 Nov 65
Co B (Med)	Ft Ruger, Hon, Oahu	15 Nov 65
Co C (S&T)	Ft Ruger, Hon, Oahu	8 Jan 51
Co D (Maint)	Ft Ruger, Hon, Oahu	30 Sep 46

1st Bn 487th Arty

HHSB Ft Ruger, Hon, Oahu 27 Jan 47
 Btry A Ft Ruger, Hon, Oahu 15 May 47
 Btry B Ft Ruger, Hon, Oahu 15 Nov 65
 Btry C Kaneohe, Oahu 29 Sep 47

1st Bn 299th Inf

HHC (-Det 1) Wailuku, Maui 22 Oct 46
 Det 1, HHC Ft Ruger, Hon, Oahu 12 Feb 67
 Co A Ft Ruger, Hon, Oahu 15 Sep 47
 Co B (-Det 1) Kapaa, Kauai 28 Oct 46
 Det 1, Co B Hanapepe, Kauai 9 Jun 47

Co C (-Det 1) Kahului, Maui 26 Jun 47
 Det 1, Co C Lahaina, Maui 6 Jan 47

2d Bn 299th Inf

HHC (-Det 1 & 2) Hilo, Hawaii 8 Oct 46
 Det 1, HHC Kealahou, Hawaii 5 Nov 48
 Det 2, HHC Kaunakakai, Molokai 10 Oct 47
 Co A (-Det 1) Oloa, 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 Jul 47
 Det 1, Co C Kohala, Hawaii 13 Jul 47

AIR NATIONAL GUARD

UNIT	STATION	FED RECOG DATE OF
Hq Hawaii ANG	Fort Ruger, Oahu	1 Jan 52
Hq 154th Ftr Gp	Hickam AFB, Oahu	1 Dec 60
199th Ftr Intcp Sq	Hickam AFB, Oahu	4 Nov 46
154th USAF Disp.	Hickam AFB, Oahu	1 Dec 60
154th Cmbt Spt Sq	Hickam AFB, Oahu	20 Jul 63
154th Consolidated Aaft Main Sq	Hickam AFB, Oahu	1 Dec 65
154th Supply Sq	Hickam AFB, Oahu	1 Dec 65
154th Civil Engr Flt	Hickam AFB, Oahu	18 Oct 69

UNIT	STATION	FED RECOG DATE OF
150th ACW Sq (Fxd)	Kokee AFS, Kauai	21 Oct 61
169th ACW Sq (Fxd)	Mt Kaala Complex, Oahu	7 Oct 56
199th Wea Flt (Mbl/Fxd)	Hickam AFB, Oahu	4 Nov 46
201st Mbl Comm Sq (Bare Base)	Hickam AFB, Oahu	6 Mar 67
201st Mbl Comm Flt	Hickam AFB, Oahu	13 Oct 67
202d Mbl Comm Flt	Hickam AFB, Oahu	13 Oct 67
201st Flt Facil Flt	Hickam AFB, Oahu	13 Oct 67
202d Flt Facil Flt	Hickam AFB, Oahu	13 Oct 67

PLATE III — SERVICE SCHOOLS COMPLETED

ARMY

OFF	EM	School and Course
1		USA Air Defense School, Ft Bliss, Texas Military Personnel Officer/Unit Personnel Technician
2		Recruit Training Seminar
2		USA Armor Sch, Ft Knox, Kentucky Organizational Maintenance Officer
6	1	USA Aviation Sch, Ft Rucker, Alabama/ USA Primary Helicopter Sch, Ft Wolters, Texas Officer/Warrant Officer Rotary Wing Aviator
	1	Aircraft Maintenance Apprentice
	1	USA Defense Information Sch, Ft Benjamin Harrison, Indiana Information Officer Basic
	1	USA Engineer Sch, Ft Belvoir, Virginia Engineer Equipment
	1	USA Field Artillery Sch, Ft Sill, Oklahoma Artillery Ballistic Meteorology
	1	Master Mechanic
	1	USA Finance Sch, Ft Benjamin Harrison, Indiana Programming and Budgeting
	1	Techniques of Review and Analysis

OFF	EM	School and Course
1		USA Infantry Sch, Ft Benning, Georgia Infantry Officer Basic
11		Infantry Staff Officer Refresher
	1	Infantry Officer Candidate
	4	USA Military Police Sch. Ft Gordon, Georgia Civil Disturbance Orientation
	11	USA Quartermaster Sch, FtLee, Virginia Service Support Staff Officer Refresher
	5	Quartermaster Field Grade Officer Refresher
	3	Office Machine Repair
	1	USA Signal Sch, Ft Monmouth, New Jersey ADPS Repair
	2	USA Transportation Sch, Ft Eustis, Virginia UH-1 Helicopter Repair
	1	Transportation Corps Orientation
	1	National War College, Ft McNair, Washington, D. C. Defense Strategy Seminar
	3	USA Area Schools, Hawaii
	39	USA Reserve Schools
	90	
	14	

PLATE III—SERVICE SCHOOLS COMPLETED

AIR

Base & Course	Officer	Airmen	Base & Course	Officer	Airmen
Chanute AFB, Illinois			Lowry AFB, Colorado		
AGE RPmn		5	Fuel Specl		1
Acft Elect Rpmn		1	Inv Mgt Specl		3
Airframe Rpmn Specl		1	Inv Mgt Supvr		1
Auto Flt Con Sys Specl		1	Mat Fac Specl		2
Gen Purp Veh Rpmn		1	Missile Guidance and Con Specl		2
Jet Engine Mech		1	Munitions Maint Specl		1
Machinist		1	Supply Sys Mgt Crs	2	
Metal Proc Specl		1	Wpns Con Sys Mech		3
NDI Specl		1	Wpns Mech (ADC)		2
Parachute Rigger		2	Wpns Mech (TAC)		
Protective Equip Specl		1		2	23
Weather Observer		1			
Weight and Balance		1			
		<hr/>			
		18	Maxwell AFB, Alabama		
Clark AB, Philippine Islands			Academic Instructor	1	
AN/TSW-1 ATC Central Crs		2	Air War College	1	
		<hr/>			
		2		2	
Columbus AFB, Mississippi			McGhee Tyson Airport, Tennessee		
Undergraduate Pilot Tng	1		ANG Leadership Crs (Phase I)		6
	<hr/>		ANG Leadership Crs (Long Crs)		2
	1		ANG NCO Academy (Phase I)		15
Craig AFB, Alabama			ANG NCO Academy (Phase II)		5
Undergraduate Pilot Tng	1		ANG NCO Academy (Long Crs)		5
	<hr/>				<hr/>
	1				33
Ellington AFB, Texas			Sheppard AFB, Texas		
Intcp Pilot Tng (F-102A Long Crs)		4	Acft Maint Specl, Jet Acft, 1 & 2 Eng		12
		<hr/>	Comm Cen Specl		2
		4	Comm Rel Gen Equip Rpmn		2
Fort Lesley J. McNair, Washington, D.C.			Computer Operator		1
Defense Strategy Seminar	1		Digital Subscriber Terminal Opr		5
	<hr/>		Elect Power Prod Specl		1
	1		Gen Acctg Specl		1
Keesler AFB, Mississippi			Med Admin Specl		1
ACW Sys Opr		4	Med Svc Specl		2
ACW Radar Rpmn		2	Operating Room Specl		1
Acft Radio Rpmn		1	Radiology Specl		1
Admin Specl		2			<hr/>
Air Traffic Control Opr		7			29
Gnd Radio Comm Equip Rpmn		5			
Personnel Specl		1			
Radio Relay Equip Rpmn		9			
Tele-Comm Con Specl		2			
		<hr/>			
		33	Tyndall AFB, Florida		
Lackland AFB, Texas			Interceptor Wpns Sch	1	
Elect Comm and Crypto Equip Sys Rpmn		1	Wpns Controller (Manual)	3	
Fld and Orgn Maint, TSEC/KW-7		2		<hr/>	
Marksmanship Instructor		1		4	
Security Policeman		4			
		<hr/>			
		8	TOTAL	15	146
			ECI Course Completions (Voluntary)		152
			CDC Course Completions (Mandatory)		307

**PLATE IV — FEDERAL FUNDS EXPENDED IN
SUPPORT OF THE HAWAII ARMY
NATIONAL GUARD, FISCAL YEAR 1971**

**FUNDED SUPPORT AT ARMY NATIONAL
GUARD LEVEL:**

Personnel Services		\$3,758,163	
Civilian Pay	\$3,073,102		
Military Pay	685,061		
Transportation and Travel		175,272	
Personnel	144,709		
Equipment and Supplies	30,563		
Supplies and Services		492,592	
Organizational Equipment	59,151		
Clothing and Equipage	205,526		
Petroleum, Oils and Lubricants	14,801		
Subsistence	75,431		
Repair Parts and Services	81,880		
Other Operating Supplies and Services	55,803		
Construction, Repairs and Utilities		151,961	
Armory Construction	—		
Non-Armory Constructoion	—		
Maintenance and Repairs	144,759		
Utilities	7,202		
SUB-TOTAL		<u>\$4,577,988</u>	

**FUNDED SUPPORT BY OTHER FEDERAL
AGENCIES IN HAWAII:**

Armory Drill Pay	\$1,553,796		
Advisors' Pay and Travel	356,500		
Annual Field Training	5,200	1,915,496	
TOTAL FEDERAL			
SUPPORT FOR HARNG		<u>\$6,493,484</u>	

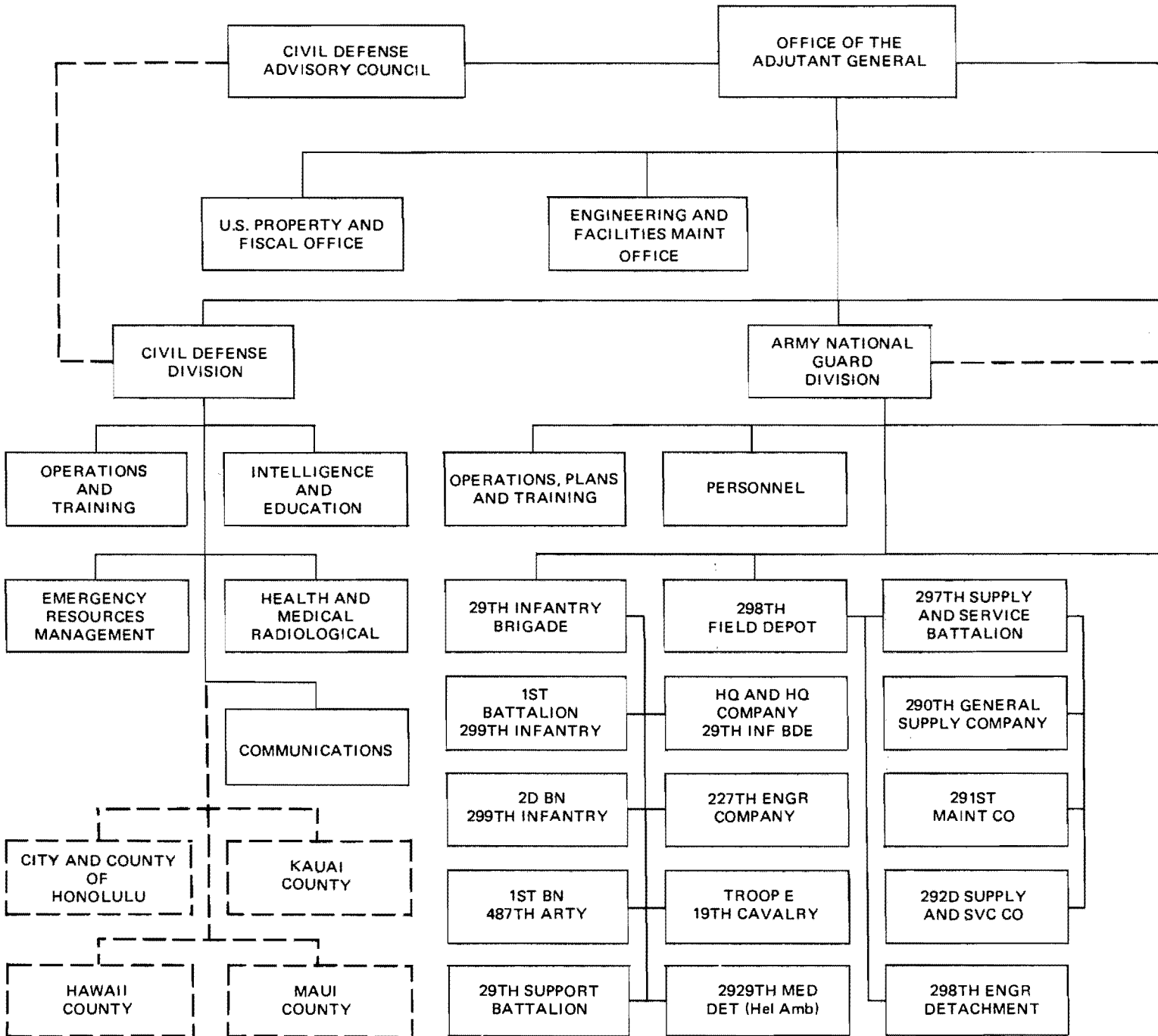
**FUNDED SUPPORT
AT AIR NATIONAL GUARD LEVEL**

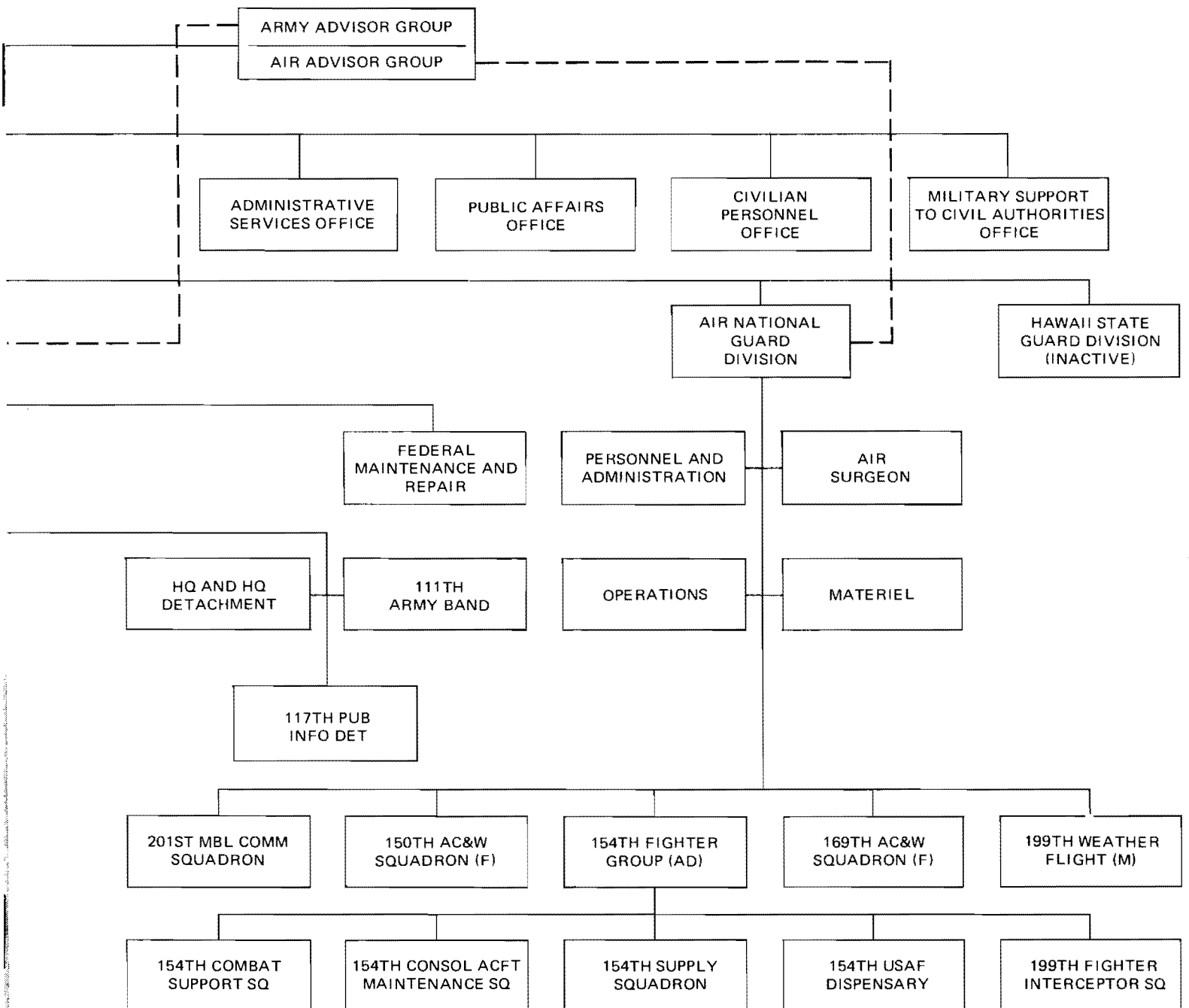
Personnel Services		\$5,816,711	\$5,816,711
Civilian Pay	\$5,816,711		
Transportation and Travel		79,792	
Personnel	77,449		
Equipment and Supplies	2,343		
Supplies and Services		876,143	
Organizational Equipment	102,390		
Clothing	24,107		
Subsistence	30,298		
Services	61,414		
Other Operating Supplies	657,934		
Construction, Repairs and Utilities		153,980	
Repairs and Rehabilitation	122,389		
Modification and Alterations	12,663		
Utilities	18,928		
Sub-total		<u>\$6,926,626</u>	

**FEDERAL AGENCIES IN HAWAII
FUNDED SUPPORT BY OTHER**

Sub-total			\$6,926,626
Annual Training Pay	\$ 401,793		
Other Active Duty Pay	89,505		
Active Duty Travel	30,093		
Inactive Duty Pay	1,121,961		
Advisors' Pay and Allowances	93,919		
Alert Pilot's Pay and Allowances	260,269		
Basic Trainees' Pay and Allowances	70,688		
AF Security Guards' Pay	59,404		
Depot Maintenance	342,000		
Fuel-Aviation	414,268		
Maintenance and Repair	97,682		
Equipment, Parts, and Supplies	417,023		
Utilities	79,720	3,478,325	
Total Federal Support for ANG		<u>\$10,404,951</u>	

**STATE OF HAWAII
DEPARTMENT OF DEFENSE
ORGANIZATION CHART**





ADJUTANTS GENERAL OF HAWAII

1894 – 1971

—

Brig. Gen. John H. Soper
July 6, 1894 – April 1, 1907

Col. John W. Jones
April 2, 1907 – August 15, 1915

Brig. Gen. Samuel I. Johnson
August 16, 1915 – February 19, 1918

Maj. Will Wayne (Acting)
March 1, 1918 – June 7, 1918

Col. Will Wayne
June 8, 1918 – September 21, 1918

Col. Harry S. Hayward
September 23, 1918 – February 8, 1921

Col. William D. Potter
February 9, 1921 – July 31, 1923

Maj. John W. Short
August 1, 1923 – August 24, 1923

Col. Perry M. Smoot
September 20, 1923 – August 3, 1946

Maj. Gen. F. W. Makinney
August 4, 1946 – December 2, 1962

Maj. Gen. Robert L. Stevenson
December 3, 1962 – July 15, 1966

Brig. Gen. Valentine A. Siefermann (Acting)
July 16, 1966 – December 4, 1966

Maj. Gen. Benjamin J. Webster
December 5, 1966 – Incumbent
