

# *Annual Report*

## **ADJUTANT GENERAL OF HAWAII FISCAL YEAR 1961**





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106mm recoilless weapons are fired during annual Summer Camp.





Governor of Hawaii  
Commander-In-Chief  
Honorable William F. Quinn



  
STATE OF HAWAII  
DEPARTMENT OF DEFENSE  
OFFICE OF THE ADJUTANT GENERAL  
2001 Bishop Building, HONOLULU

20 JUN 5 1951

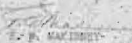
Honorable William F. Quinn  
Governor of Hawaii  
Polani Palacy  
Honolulu, Hawaii

Dear Governor Quinn:

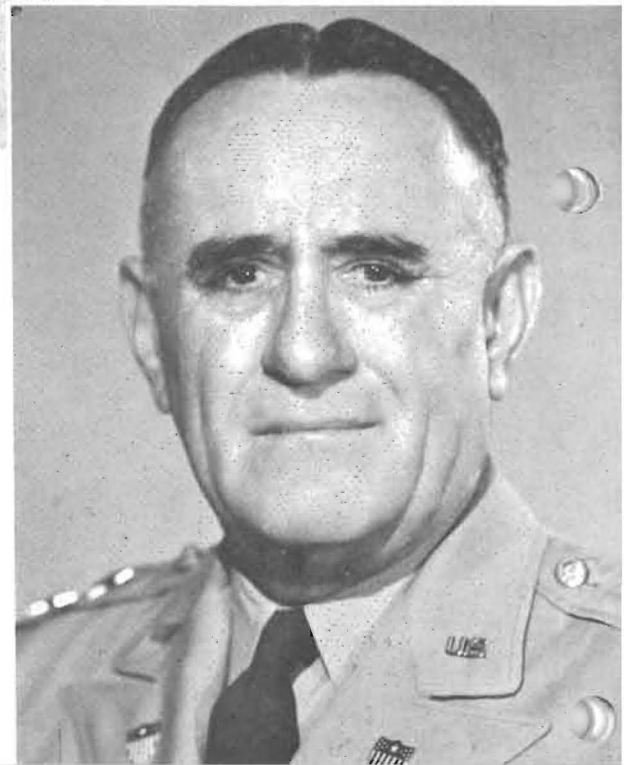
I have the honor to submit herewith the Annual Report of the Adjutant General of Hawaii for Fiscal Year 1951. This report is submitted in accordance with the directive contained in Section 35-11, Revised Laws of Hawaii 1950. It is intended to fulfill two purposes, (1) to provide information on the Hawaii National Guard for interested governmental and private organizations, and (2) to provide permanent reference material of historical value.

Copies of the report have been distributed to (1) the various State Departments, (2) interested military authorities, (3) local libraries, (4) business organizations in the State, and (5) the Adjutant General of States with whom we conduct National Guard business.

Respectfully submitted,

  
F. W. MAKINNEY  
Major General, USAF  
Adjutant General

Major General F. W. Makinney  
Adjutant General of Hawaii



# A REPORT ON THE HAWAII NATIONAL GUARD *Army and Air*

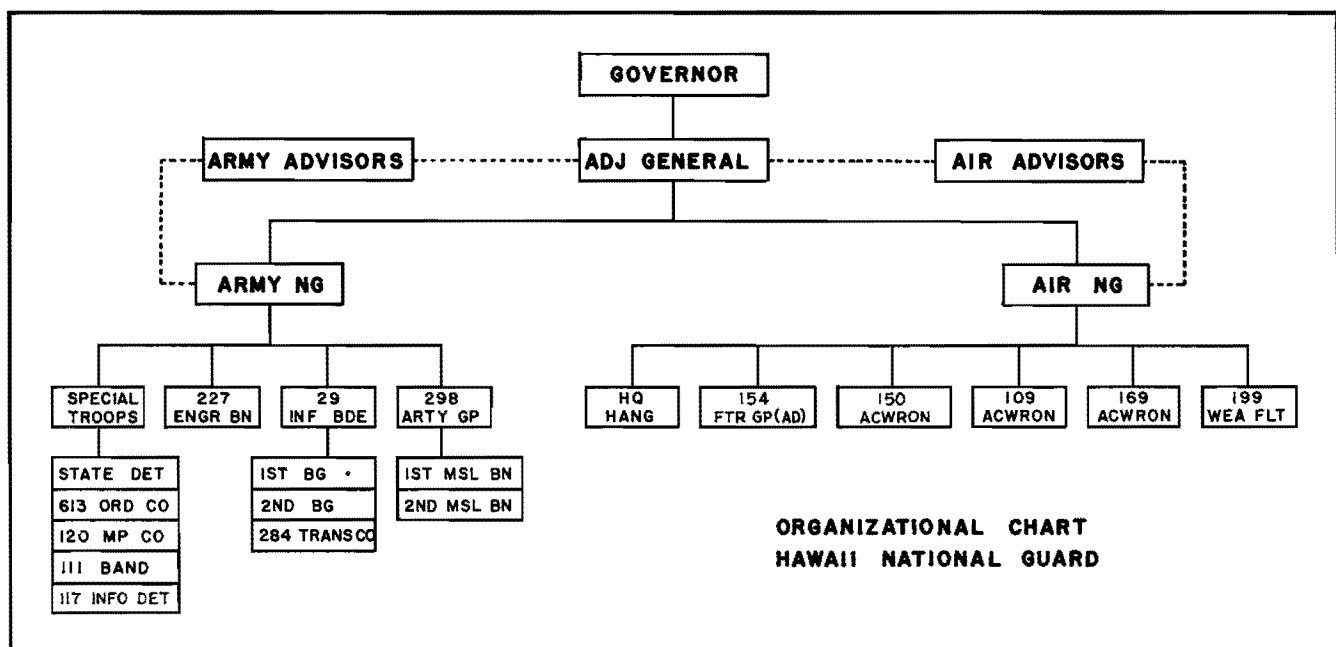
## ORGANIZATION AND MISSION

**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 component status of those units.

**Mission:** The mission of the Hawaii National Guard remained unchanged during Fiscal Year 1961. As in past years, that mission consisted 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 reserve components of the Army of the United States and of the United States Air Force able to furnish units trained and equipped to:

- (1) Defend critical areas of the United States against land, seaborne or airborne invasion.
- (2) Assist in covering the mobilization and concentration of the remainder of the reserve forces.
- (3) Participate by units in all types of operations, including the offensive, in either the United States or overseas.

**Organization:** The Department of Defense is the agency of the State government responsible for the organization and supervision of the Hawaii National Guard and State military affairs in general. The Department of Defense is headed by the Adjutant General of Hawaii, who is a member of the Governor's Cabinet. Components of the Department of Defense include the staff of the Adjutant General, the units of the Hawaii National Guard which include both air and army forces, and the unorganized militia when called into the active service of the State. The staff of the Adjutant General includes full-time officers and employees furnished at State expense, the United States Property and Fiscal Officer (USP&FO) who is an officer of the Army on active duty, full-time employees furnished at Federal expense, and certain officers and enlisted men of the Hawaii National Guard on drill status. The units of the Hawaii National Guard include the officers and enlisted men on drill status, and a nucleus of full-time officers and employees furnished by both the Federal and State governments.



# CIVIL DEFENSE

## ORGANIZATION AND MISSION

**Mission:** The mission of the State Civil Defense Agency in case of natural disasters or of actual or threatened attack is to organize, mobilize and direct the civilian population and resources of the State and local governments to insure maximum survival of the population and minimize damage to property.

**Organization:** The State Civil Defense Agency is a division of the State Department of Defense headed by the Adjutant General of Hawaii as provided by the Hawaii State Government Reorganization Act of 1959.

The Adjutant General is the Director of the State Civil Defense Agency which has jurisdiction in civil defense matters and coordinates the civil defense activities of the County governments. Each of the four Counties has its own Civil Defense Agency headed by a deputy director, who is the County executive officer, and operated by the Civil Defense administrator and his staff.

In the normal administration of the State Agency, the Director is assisted by the Vice-Director and members of the staff. The administrative staff supervised by the Vice-Director consists of the Plans and Operations Officer, Economic Resources Mobilization Officer, Logistics and Supply Officer, Intelligence Officer, Public Information Officer, Communications

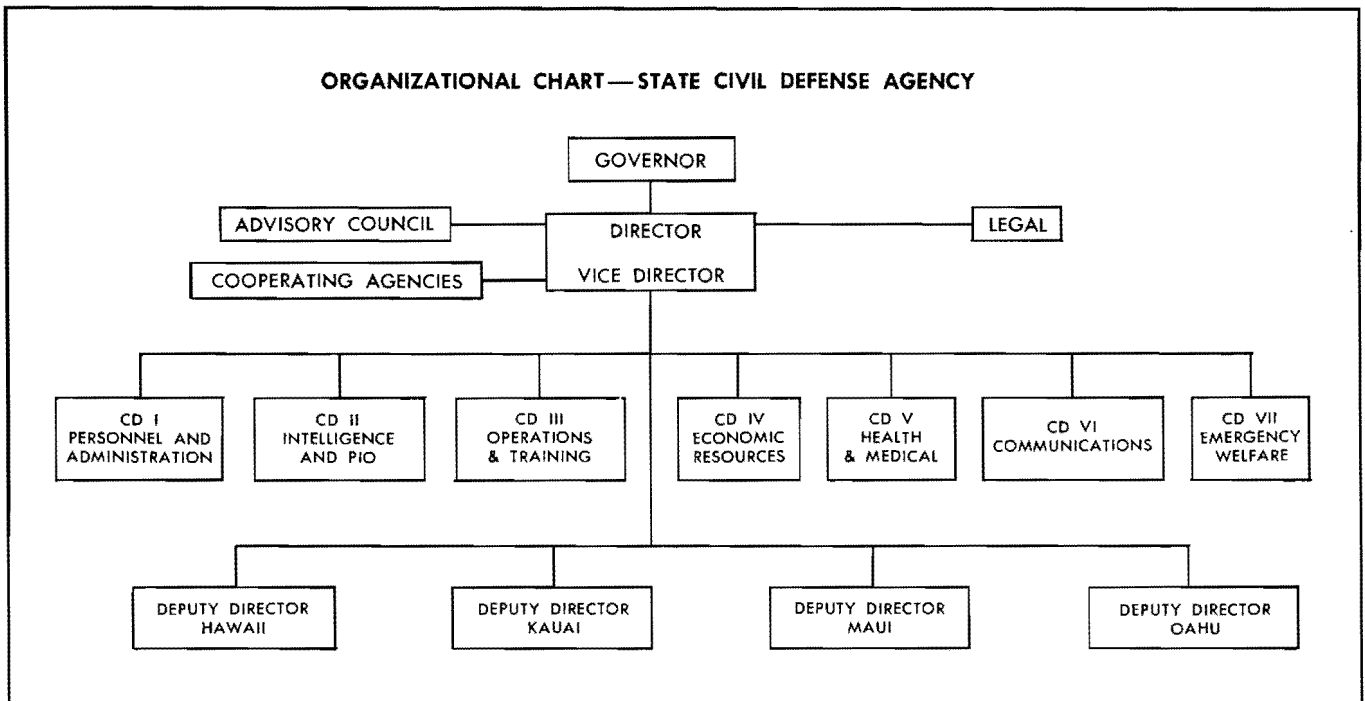
Officer, Medical Consultant, Health and Medical Services Assistant, an Accountant and two stenographers.

The Civil Defense Advisory Council, chaired by the Lieutenant Governor with three members from Oahu and one member each from the other three counties, advises the Governor and the Civil Defense Director in matters pertaining to civil defense.

In event of a civil defense emergency, the Agency's functions are carried out by seven branches of the Agency: Personnel and Administration, Intelligence, Operations, Economic Resources, Health and Medical, Communications, and Emergency Welfare. While the Intelligence, Operations, Economic Resources, and Communications branches are headed by State Civil Defense staff members, the other branches are headed by directors of State government departments: Personnel and Administration by the director of the Department of Labor and Industrial Relations, Health and Medical by the director of the Department of Health, and Emergency Welfare by the director of the Department of Social Services.

Among the many cooperating agencies are the Armed Forces, American Red Cross, U.S. Coast and Geodetic Survey, U.S. Weather Bureau and the U.S. Department of Agriculture.

ORGANIZATIONAL CHART—STATE CIVIL DEFENSE AGENCY





# ARMY NATIONAL GUARD



**Strength:** On 30 June 1961 there were 3687 officers, warrant officers, and enlisted men in the active Army National Guard—a decrease of 153 individuals from the strength at the end of the previous fiscal year. The strength of 3687 represents 94% of the maximum authorized strength (3918) of all active units of the Hawaii Army National Guard. See Plates I and II for the Roster of Principal Commanders and Staff Officers, and Station List.

**Officer Personnel:** There were 276 officers in the Army Guard at the end of the fiscal year—a decrease of 1 officer from the strength at the end of the previous year. During the fiscal year, there was a total gain of 24 officers and a total loss of 25 officers from the active Army National Guard. During this period, 21 new appointments were effected and 3 officers were transferred to the active Guard from the inactive National Guard. Of the 21 new appointments, 10 appointments were made from officers of the United States Army Reserve, 6 from enlisted status from within the Guard after completing an Officer Candidate School, 3 from the other reserve components, and 2 from other sources. See Plates III, IV and V for Officer Gains and Losses, Source of Officer Appointments, and Officer Separations, respectively.

**Warrant Officer Personnel:** There were 45 warrant officers in the Army National Guard as of 30 June 1961 — an increase of 5 individuals over the strength at the end of the previous year. There was a total gain of 6 individuals and a loss of 1 individual during the year. See Plate VI for Warrant Officer Gains and Losses.

**Enlisted Personnel:** There were 3366 enlisted men in the active Army National Guard as of 30 June 1961—a decrease of 157 men from the strength at the end of the previous year. During the fiscal year, there were 505 new enlistments and reenlistments with a break in National Guard service and 15 men transferred to the active Guard from inactive status. During this same period, 606 men were discharged and 71 individuals were transferred to the inactive Guard. Of the 915 men discharged for expiration of term of enlistment, 678 were immediately reenlisted without a break in service for an overall reenlistment rate of 74%. See Plates VII, VIII, IX, and X for Enlisted Personnel Gains and Losses, Source of Enlistments, Separations, and Reenlistments, respectively.

1. **Organization:** The organization of the Hawaii ARNG remained essentially unchanged except for the following:

a. **Special Troops Battalion.** The organization of the Special Troops Battalion commanded by Lt. Col. Clarence R. Johnson was confirmed by AGO-HAW General Orders No. 12 dtd 8 March 1961. The headquarters of the Battalion will provide command and training support to the following separate Hawaii ARNG units: Hq. & Hq. Det., 120th MP Co., 613th Ord. Co. (DS), 111th Army Band, and the 117th Pub. Inf. Det.

b. Pursuant to the authority contained in Section 355, Revised Laws of Hawaii 1955 and Public Law 364, 84th United States Congress, the Hawaii State Guard (formerly designated "Reserve Forces, HNG")

was established per AGO-HAW General Orders No. 22 dated 14 April 1961. The mission of the Hawaii State Guard is to supplement or relieve the HANG in its mission to provide an adequately trained military force for employment under the jurisdiction of the State of Hawaii and as directed by the Governor. The Hawaii State Guard has been allotted six (6) Internal Security Battalions (TOE 19-55) and a Brigade Hq. & Hq. Det. (Special TO). The Hawaii State Guard is commanded by Brig. Gen. Samuel M. Fuller.

c. **Hawaii Army National Guard Officer Candidate School** was approved on 8 May 1961 by the Chief of the National Guard Bureau for establishment in FY 1962. The primary mission of the HARNG Military Academy is to provide training for selected Army National Guard personnel so that these individuals may meet the military educational requirements for commissions as second lieutenants in the Army National Guard. The first class is contemplated to begin in June 1962.

2. **Training:** Training progressed under Army Training Programs with emphasis being stressed at the Basic Unit Training level.

a. **Inactive Duty Training.** Forty-eight (48) two-hour regular drills were authorized. However, to take advantage of additional training hours for tactical and technical training all units (less the Air Defense Arty.) of the Hawaii ARNG scheduled a minimum of six (6) eight (8) hour Sunday drills. The Air Defense Arty. units scheduled 24 Sunday drills. About \$19,000.00 of Federal funds were utilized to support HARNG units for subsistence. Further, \$167.11 was expended for staff training materials and \$469.78 for training aids.

All organizations completed individual small arms qualification and familiarization firing and conducted various phases of basic unit training during this period.

b. **Field Training.** For all, except the 298th Arty. Gp. (AD), annual field training was conducted during the period 17 June 61 thru 1 July 61 as follows:

Organization	Location
Special Troops	Schofield Barracks
227th Engr Bn (Inf Div)	Schofield Barracks & Kahuku
29th Inf Bde	Schofield Barracks & Kahuku

All units (less Air Defense Arty.) conducted a minimum of four (4) days and four (4) nights in field tactical exercises in conjunction with their required training during this period.

(1) The 29th Infantry Brigade stressed training at the rifle company level. All rifle companies successfully completed practice company tests during the period. Actual tests will be at the company level next year. Numerous schools and demonstrations were conducted for the Brigade by the 25th Inf. Div. Some of these were: Radiological Monitoring & Survey, 81mm Mortar and 106mm Rifle Instruction, Counterfire Training, and Radar Training. Other concentrated training areas included principles of mobile task force organizations, battle drill, and combat formations in actual basic unit field problems.

(2) The 298th Arty. Group (Air Defense) conducted field training from 30 July to 13 Aug. 60 on training sites located at Sand Island and East Range. Upon completion of field training Btry. B, 1st Msl. Bn. and Btry. C, 2d Msl. Bn. departed for Fort Bliss, Texas to complete their Troop and Package Training. Field training for FY 1962 will be conducted on the permanent Nike Hercules Sites in August. In addition to field training, two batteries each of the 1st and 2nd Msl. Bns. successfully completed their first annual service practice at McGregor Range, New Mexico.

(3) The 227th Engr. Bn. (Inf. Div.) successfully completed engineer squad training test during the first week of field training. The second week was spent at Kahuku with primary training centering on tactical exercises and maneuvers in preparation for the engineer platoon and company training test. During this period and simultaneously with its own required training tests, the battalion provided direct support operations for other units of the Hawaii ARNG by maintaining approximately twelve (12) miles of training area roads, operating water points, serving as infantry when required, etc.

(4) Special Troop units provided normal support operations. In addition, two (2) units, the 613th Ord. Co. (DS) and the 120th MP Co. successfully conducted practice company level training tests.

3. **Inspections:** The Annual General Inspections were conducted during the months of September through November 1960. The purpose of these inspections is to determine the degree of compliance by ARNG units with requirements established by the Federal Government and encompasses administration, supply, training, personnel qualification, morale, appearance, and facilities.

The Army also conducted field training inspections to determine the proficiency of the units in the field. Units were rated on military discipline, courtesy, personal hygiene, food service, supply, transportation, weapons, communications, maintenance, individual tactical and functional team training as well as methods of instruction, unit training, command supervision, and staff performance.

Ratings earned by units during FY 61 as compared to FY 60 are shown below:

	Armory Inspections				Field Training Performance Ratings			
	FY 61		FY 60		FY 61		FY 60	
	No Units	%	No Units	%	No Units	%	No Units	%
Sup	9	25%	14	40%	29	85%	17	50%
Ex	25	69%	18	51%	5	15%	17	50%
VS	0	0	0	0	0	0	0	0
Sat	2	6%	3	9%	0	0	0	0
U	0	0	0	0	0	0	0	0

#### 4. FY 1961 Operations:

a. **Oahu Prison Riot.** At 0300 hours, 29 July 1960 the Fort Ruger Internal Security Detachment under the command of Major Manuel DeMello Jr. and composed of full-time military personnel of the Dept. of Defense was ordered to State duty to assist Oahu Prison officials in quelling a prison disturbance. Five officers and 65 enlisted men participated in this action. This show of force and the efficient military manner in which the detachment operated contributed in quieting the unruly prisoners. The detachment assisted in controlling prisoners inside the prison, augmented prison guards with expert marksmen at

prison guard towers, provided for the movement by bus of 31 prisoners to the Marine Brig at Pearl Harbor and provided a general overall deterrent force to be used if necessary. At no time was the actual use of physical force necessary.

b. **Operation Alert 1961.** The Hawaii National Guard participated in this National Civil Defense Exercise at the State level during the period 27-29 April 1961. The State Staff provided Liaison Officers, the internal security detachment provided security at Civil Defense operations center and fed all participants during the exercise.

c. **Air Defense.** The 298th Arty. Gp. (AD) is charged with the Army Air Defense of Hawaii. To accomplish this mission six units of the 1st and 2d Msl. Bns. are occupying Nike Hercules Sites which ring the island of Oahu. The Army Air Defense Command Post (AADCP) is manned and operated around the clock by personnel from Hq. & Hq. Btry., 298th Arty. Gp.

5. **Army Area and Service Schools:** During FY 61, 378 officers and enlisted men attend Mainland and USARHAW Schools at a cost to the Federal Government of \$328,726.20, a decrease of \$196,644.22 over last year's expenditure of \$525,370.35. This decrease is primarily due to the completion of missile training for personnel of the 298th Arty. Group (Air Defense). The breakdown by school and course is attached. (See Plate XI)

6. **Army Extension Schools:** These correspondence courses offered by the various service schools are an important source of military education and a means for the individual to qualify for promotion or to retire a waiver of required professional knowledge. A total of 249 officers and enlisted men actively pursued these courses during the year. (See Plate XIII)

7. **6-Months ACDUTRA Program:** This is an extremely valuable program to the National Guard as it provides a flow of trained personnel. Three hundred and seventy-two (372) entered this training during the year as follows:

July	37
September	38
November	48
February	16
April	30
June	203
<b>Total</b>	<b>372</b>

8. **Marksmanship:** At the National Matches, Camp Perry, Ohio, the Hawaii National Guard was represented by a 7-man pistol team and a 10-man rifle team. The pistol team, coached by Lt. Col. Clarence R. Johnson, placed third in a field of 32 NG teams in the National Trophy Team Match. In the individual matches Capt. George Roberts placed fifth on the All National Guard Honorary Team and won a fifth leg on his distinguished marksmanship medal. SFC's Eckley Yim and Anthony Conti Jr. both won second legs to their distinguished marksmanship medal.

Members of the rifle team, coached by CWO Ralph Apo, placed third (National Guard class) in the National Trophy Team Match in a field of 48 National Guard State Rifle Teams. Several individual awards were won by team members.



The Hawaii National Guard sponsored the 12th All-Service Rifle Tournament in July 1960 at Hilo and the 20th Hawaii Law Enforcement Pistol Tournament in September 1960 at the Diamond Head Range. A total of 146 and 104 competitors respectively, competed.

The most competitive local pistol tournament, the Hawaii Pacific Regional, was conducted at Fort Ruger during the period 29-30 April 1961 by the Hawaii National Guard. A total of 149 competitors participated representing all the Active and Reserve Forces, civilian gun clubs, and many law enforcement agencies.

Announcement received from the Chief, National Guard Bureau advised that the 120th MP Co. won the National first place team and high individual honors (SSgt. Patrick R. Cullen) in the Military Police Association National Guard Pistol Tournament for FY 1961. Significantly, 1961 is the tenth (10th) consecutive year this unit has won this trophy.

The 613th Ord. Co. (DS) was declared the Sixth Army Area Winner and Third Place National Winner for the highly competitive NRA Smallbore Championship Match for FY 1961. This match is annually conducted by the Chief, NGB at the Army Area and National level. Nearly all States competed.

In addition to the above, the HNG sponsors and conducts HNG unit team small arms competition. The following were held during FY 1961:

a. *Unit M-1 .30 Caliber Rifle Team Championship.* This was conducted on 24 June 1961 at the Schofield WJ Range and was won by the 613th Ord. Co. (DS).

b. *The NRA Indoor Smallbore Championship* was held on 25 March 1961. A total of ten (10) teams participated in the State Championship with the 613th Ord. Co. (DS) emerging as the winning team with a score at 1402.

c. *The HNG Unit Team Pistol Championship* was conducted on 23 June 1961 and won by the 613th Ord. Co. (DS).

9. **Sports:** The HNG had another successful year in organized sports activities. The morale and esprit de corps of the units participating was maintained throughout the sports program. Elimination tour-

naments were conducted by major organizations and island commands in each sport. The winners were then assembled to determine the State Champions.

*Mountainball.* Oahu was the host for this year's playoffs. Btry. A, 1st Msl. Bn. 298th Arty. won the championship for the third consecutive year on 24 September 1960 at Kapaolono Park, Honolulu. Co. A, 2d BG, 299th Inf. won second place honors.

*Basketball.* The basketball championship was conducted on 13-14 January 1961 at Hilo, Hawaii. Hq. & Hq. Btry., 1st Msl. Bn., 298th Arty. emerged the champions by defeating the 284th Trans. Co. which won 2nd Place honors.

*Volleyball.* Hq. & Hq. Btry., 1st Msl. Bn., 298th Arty. won the volleyball championship for the second consecutive year. The tournament was held at Schofield Barracks on 23 June 1961. Runner-up team was the 613th Ord. Co. (DS).

*Golf.* This year's golf championship was played at the Kalakaua Golf Course, Schofield Barracks on 23 June 1961. 154th FG's, HANG "1" Team took the honors and was crowned champions.

*Baseball.* The HNG baseball team participated in the Honolulu Winter Baseball League.

#### 10. Other distinguished Awards:

*Eisenhower Trophy.* Won by Btry. D, 1st Msl. Bn., 298th Arty. as the most outstanding company size unit of the HARNG for the calendar year 1960 with a composite score of 98.0%. Areas of consideration were strength, attendance, field training evaluation, and Annual General Inspections. The unit is commanded by Capt. Rosario N. Daguio.

*CG, USARHAW Trophy.* Awarded annually to the outstanding unit of the Hawaii Army National Guard as determined by the Annual General Inspection Evaluations. This year's winner was the 111th Army Band commanded by CWO Carl S. Baptiste. This award was made for the period 1 July 1960 to 30 June 1961.

*National Guard (State) Trophy.* Won by 111th Army Band by virtue of having attained the highest figure of merit (95.17%) in weapons qualification from all units of the State of Hawaii during 1960.

Guardsmen load-up into the H-21 helicopter as part of the 1961 Summer Encampment field problem.





# AIR NATIONAL GUARD



**Mission:** Missions of the Hawaii Air National Guard units are based on Hawaii's air defense requirements. M-Day capability is provided to the Gaining Command, Pacific Air Forces, and Intermediate Gaining Command, Hawaiian Air Defense Division, in the form of air defense fighter aircraft and three radar stations. A weather unit continues to provide weather information support with M-Day assignment to Military Air Transport Service. Combat loaded Convair F-102A DELTA DAGGERS and tactical aircrews are ready to scramble takeoff within five minutes' notice and two radar stations are operating 24 hours a day, every day of the year, under operational control of the Hawaiian Air Defense Division, PACAF. Capability in-being is provided for Hawaii's air defense at all times today, as well as all units training for M-Day use.

**Organization:** The 154th Fighter Group (Air Defense) was activated 1 December 1960 with station at Hickam AFB, Oahu. The previous 199th Fighter Interceptor Squadron was reorganized as a squadron within the new Group, and the 199th Support Squadron was inactivated 30 November 1960. This Group organization is authorized 974 personnel but is limited to 75% manning of 738 personnel. The 154th Fighter Group (Air Defense) is composed of Headquarters, 154th Fighter Group (AD), 154th Air Base Squadron, 154th Consolidated Aircraft Maintenance Squadron, 154th Materiel Squadron, 154th USAF Dispensary, and 199th Fighter Interceptor Squadron. Pacific Air Forces conducted the required Federal Recognition Inspections.

Manning documents of all units were revised to include further provision for Chief (E-9) and Senior (E-8) Master Sergeants.

A Detachment to operate the new two million dollar radar station at Kokee, Kauai, was formed from the 109th Aircraft Control and Warning Squadron (Fixed). This Detachment is programmed to form the nucleus of a separate squadron.

**Management:** More efficient management of the Hawaii Air National Guard received considerable emphasis during the year.

The manning authorization for Headquarters, Hawaii Air National Guard was revised to provide the command headquarters with a directorate type of staff composed of Operations, Personnel, Communications-Electronics, and Materiel. With the operationally controlled Comptroller function, which is militarily assigned to the 154th Fighter Group (AD) manning authorization, this realignment of the staff provided for equitable distribution of functional emphasis and readily coordinated staff actions.

In recognition that a key to continuing high operational capability is advance planning, a system of Programs was instituted which requires integration of effort by all functional areas. These coordinated plans took the form of such Program studies as Equipment Requirements, Construction and Rehabilitation, Personnel Qualification and Training, Personnel Authorizations, Career Management, Communications Systems, etc. Problem areas were recognized and solutions sought or determined and carried out.

A number of supervisory personnel attended management courses conducted by Pacific Air Forces Base Command.

An Operation and Support Agreement between Hawaiian Air Defense Division/Pacific Air Forces Base Command and the Hawaii Air National Guard was consummated. This Agreement specifies the function and responsibilities of active air defense furnished by the Hawaii Air National Guard to the Hawaiian Air Defense Division and support furnished the Hawaii Air National Guard by Pacific Air Forces Base Command. It also specifies Air Defense Augmentation Program sites at which facilities maintenance and upkeep is totally funded from federal funds.

**Air Force Advisers:** Under USAF Management of the Reserve Forces the responsibility for supervision of training and inspection is carried out by the Gaining Command, and is discharged on a day-to-day basis by assigned Air Force Advisers. Colonel Jack D. Blanchard continued assignment as Air Force Senior Adviser to the Adjutant General and Air Force Adviser to the 154th Fighter Group (AD). Lt Colonel William Kral continued assignment as Air Force Adviser to the Aircraft Control and Warning Squadrons. Four Non-commissioned officer Air Force Technical Advisers were also assigned.

**Annual General Inspection:** Aircraft conversion of the 154th Fighter Group (AD) precluded an Operational Readiness Inspection this year. An Annual General Inspection was performed by the Pacific Air Forces Base Command Inspector General's Office 17-30 June 1961. Their Report found that: "The administrative, managerial and logistic aspects of the Hawaii Air National Guard Units were being accomplished in a satisfactory manner." The USAF inspection system finds either satisfactory or unsatisfactory capability to accomplish the mission.

## OPERATIONS AND TRAINING

**Operational Capability:** There was a considerable improvement in the capability of the Hawaii Air National Guard to perform its air defense mission in Hawaii. F-86L aircraft were replaced by the new supersonic, rocket and missile firing, F-102A DELTA DAGGERS. The F-102A will fly farther, higher, almost 200 mph faster and has a much better "kill" capability than the previously assigned F-86L aircraft. The activation of a new radar site at Kokee, Kauai on 15 March 1961 expanded radar coverage considerably. This added coverage allows earlier detection of enemy aircraft and provides a longer time to employ counter weapons to stop an attack. Approved plans will provide even better coverage in the future.

**Air Defense Augmentation Program:** Portions of the Hawaii Air National Guard are on duty at two radar sites and at the aircraft "alert pad" at all times. They are the tools provided to the Hawaiian Air Defense Division, PACAF, to detect, intercept, identify, and destroy if necessary, all unknown aircraft that enter the Hawaiian Islands area. Fully armed jet fighters of the 154th Fighter Group (AD) were scrambled 197 times on active air defense missions

for the Air Force during this year. An additional benefit of this program has been that our two radar stations have been able to provide navigational assists to aircraft, guide lost pilots to the nearest land or airfield, and assist in aircraft emergencies. For example: in December a small civilian plane with five people aboard and almost out of gasoline was guided through inclement weather to Kahului Airport. This capability has added to air traffic safety in Hawaii.

**Air Defense Exercises:** Several exercises involving all units were conducted during the past year to test and evaluate the capability of the Hawaii Air National Guard units to perform the variety of tasks they are responsible for under an "operations immediate" condition. These included emergency recall of personnel, defense against sabotage attempts, reaction to and operation under nuclear fallout conditions, deployment, and unit mission tasks. Every effort was made to make these exercises realistic in order to pinpoint weak areas that need improvement.

**Unit Training:** One weekend a month and 15 days annual field training per year are the periods that Hawaii Air National Guard units get together as a group and train towards a goal of being instantly ready to perform their mission if mobilized during a national emergency. Training schedules are such that each organization works as a part of the team in their mission of air defense. During these periods intensive individual and sectional training is also accomplished. Emphasis is placed on working at the job rather than formalized classroom lectures. Attendance at the weekend assemblies was 95%, and 99% of assigned personnel attended the 15 day annual field training. 165 personnel are enrolled in extension courses to self improve their proficiency.

**Basic and Technical Schooling:** All non-prior service airmen are required as a condition of enlistment to complete USAF Basic Military Training. The Hawaii Air National Guard also utilizes USAF Technical Training Schools to train personnel. Further training is provided when personnel return to their unit and put into practice what they have learned. Many of Hawaii's Guardsmen are in civilian vocations as a result of their apprentice and advanced training with the Hawaii Air National Guard. They have learned a trade and are discharging their military obligation to their country. The Hawaii Air National Guard was unable to send as many personnel as desired to USAF Technical Training Schools due to National Guard Bureau fund limitations. Six officers and 79 airmen attended technical schools, 83 airmen attended basic training.

## PERSONNEL

**Aggregate:** Assigned strength at the end of the fiscal year was 938 personnel. This is an increase of 39 personnel over the 30 June 1960 strength of 899 personnel. Of interest, 73 personnel have been awarded the Hawaii National Guard Ten Year Service Medal.

**Officers:** End of fiscal year strength was 117 officers, a gain of six over the previous year.

Activation of the 154th Fighter Group (AD) and the new radar station at Kokee, Kauai, doubled the number of required unit commanders and sharply increased the number of required unit staff officers.

Prior ROPA restrictions and the rapid growth of the Hawaii Air National Guard units created a shortage of field grade officers for the new positions. Accelerated leadership training and career guidance efforts of selected senior company grade officers will provide depth of leadership capability in time. All officers attended a Headquarters, Hawaii Air National Guard, Leadership Seminar during annual field training. Increased quotas for USAF Air University military education courses were sought and requirements established and emphasized for extension courses. There was an adequate balance, however, between the Operations, Scientific and Engineering Support and Technical Support Areas and no significant shortages developed.

The more than diligent efforts of Major Arthur U. Ishimoto, Hq, HANG, were recognized by presentation of the Hawaii National Guard Medal for Merit at annual field training for outstanding services as Communications-Electronics Staff Officer.

Captain Raymond J. Moriguchi, Det 1, 109th ACW Squadron, was awarded the George T. Miki Memorial Trophy for demonstration of outstanding and noteworthy performance of Weapons Director duties during the year. 1st Lt Edward V. Richardson, 199th FIS, was awarded the HANG Outstanding Interceptor Pilot Award for his demonstration of outstanding and noteworthy performance of Interceptor Pilot duties during the year.

**Airmen:** End of fiscal year strength was 821, a gain of 33 from the previous year. Although status change, re-enlistments were 86%, it is significant that other attrition factors affected the net gain. Of the 166 new enlistments during the year, 27 replaced airmen not re-enlisting and 105 discharged for such reasons as Appointed Officer, Enlisted Other Reserves, Enlisted Other State, Advanced ROTC, Excessive Absence, Failure to Meet Minimum Requirements, Removal of Residence, etc., and one deceased.

Sixty-four percent (64%) of new enlistees had prior service in the Armed Forces. This desirable increase in already experienced personnel enlistments can be partly attributed to increased authorizations of air technicians. There was continuing emphasis on prior service recruiting.

Before enlisting a non-prior service airman a quota must be on hand for basic training. A large number of Hawaii's young men indicated a desire to join the Hawaii Air National Guard and were placed on waiting lists.

MSGT David M. Rodrigues, 154th CAMRON, was awarded the Outstanding HANG Airman Award for his demonstration of outstanding ability and leadership.

**Air Technicians:** Air Technicians are full time employees paid from Federal funds who are the nucleus of each unit. Aside from the care and maintenance of equipment, they operate the Air Defense Augmentation Program. 405 air technicians were authorized 30 June 1961 and 393 personnel were assigned. This was an increase of 36 authorized and 44 assigned strength over the previous year.

## 154th FIGHTER GROUP (AIR DEFENSE)

**Organization:** The Hawaii Air National Guard units at Hickam AFB expanded from the previous

two squadron structure to six units in a Group structure. The organization and shakedown of the new Group began in December and was complicated and accelerated by the arrival that month of the new F-102A jet fighters.

**Aircraft Conversion:** Several months before arrival of the "Deuces" personnel were sent to Yokota AFB, Japan and attached to their technical counterparts in the 40th Fighter Interceptor Squadron to learn the aircraft's MG-10 Fire Control System. Other personnel were sent to Kelly AFB, Texas, to train with their counterparts in the Texas Air National Guard specifically in the hydraulics, engines, airframe, instruments, and automatic flight control systems. The remaining personnel sustained the Group's capability to support and provide the operationally ready F-86L aircraft in the Air Defense Augmentation Program. Four tactical pilots also went to Kelly AFB, Texas, to checkout in the new aircraft and became instructor pilots upon their return.

A month before the aircraft arrived in Hawaii the USAF 766A Mobile Training Detachment (F-102A) arrived from Amarillo AFB, Texas, to instruct personnel on the maintenance of the new aircraft. Classes commenced immediately and training progressed with everyone taking their manuals home for many hours of night study. Training was completed in May 1961 and the Mobile Training Detachment moved on to train Pacific Air Forces units in the Far East.

Land Air Incorporated, contractor for deprocessing the aircraft, began delivering the new aircraft in January after a difficult start. By the middle of March 50% of the aircraft had been received by the 154th Fighter Group (Air Defense), and this date triggered off the 120 day period to become operationally ready. The F-86Ls were phased out and turned over to Hickam AFB for salvage. The complete change-over of aircraft occurred in May, a feat that speaks exceptionally well for aircraft maintenance personnel, leadership and planning.

The Air Defense Augmentation Program continued throughout the aircraft conversion. During this time maintenance personnel not only learned to maintain the new F-102A but also maintained the retiring F-86Ls on Alert. Capability was stretched lean with this double load.

**Operations:** A total of 5,805:40 jet hours were flown during the fiscal year with an average of 165:52 hours per tactical pilot. Proficiency training was continued in the F-86L aircraft concurrently with the complex indoctrination and transition training required for F-102A conversion. With the aid of the \$800,000 F-102A Flight Simulator the tactical pilots were well prepared for transition by the time aircraft and auxiliary equipment were ready for flight operations. The intensity of flight transition and readiness training was accomplished with minimum loss in overall readiness potential.

**Aircraft Maintenance:** To add to conversion complications aircraft maintenance began to operate under the new USAF aircraft maintenance concept. Control and scheduling was centralized at a Group headquarters level. Man-hour Accounting and Maintenance Data Collection began. This required that personnel had to be taught to account for every

minute of their time and to properly complete all AFTO forms to show when defects were found and malfunctions occurred, what aircraft systems were troublesome and what corrective actions were taken. This information is required by the Air Force so that the procurement of parts could be properly forecast and purchased.

Ten Technical Representatives were assigned to assist the aircraft conversion, two of whom had departed by the end of the fiscal year.

**154th USAF Dispensary:** The Dispensary conducted safety, medical, and sanitary inspections for the entire Hawaii Air National Guard. It further rendered initial medical care to industrial type injuries at HANG Area, Hickam AFB, conducted all non-flying physical examinations, special examinations, and monitored Hickam AFB based Air Guardsmen for hearing loss due to jet engine sounds. Close coordination continued with Hickam AFB Dispensary and Tripler Army Hospital for training and operations.

## AIRCRAFT CONTROL & WARNING SQUADRONS

**Operations:** The following statistics reflect the operational activity of the three radar stations during the year:

	109th ACWRON Punamano AFS	169th ACWRON Koko Crater AFS	Det 1, 109th ACWRON Kokee AFS
Number of tracks	23,941	23,201	6,636
Intercepts	2,088	2,909	1,577
Navigational assists	109	78	120
Emergency assists	3	12	4

**Kokee AFS Radar Station:** The site engineering and installation of the many complex electronics components were done almost entirely by Hawaii Air National Guardsmen. Major Arthur U. Ishimoto was Project Officer. After a short initial shakedown period the site was officially opened and placed on 24 hour alert 15 March 1961.

Air technician personnel were reassigned from the Punamano AFS, Oahu radar station to the Kokee AFS, Kauai radar station. This was phased so that there was no break in 24 hour radar operation, and involved considerable planning, coordination, and airlift of shift personnel at precise times from Oahu to Kauai. Air transportation assistance was cordially furnished by PACAFBASECOM and the 6594th Recovery Control Group. Commercial and U.S. Navy sealift were used to transport the heavy equipment and many supplies to Kauai.

Over ninety Oahu residents and their families were relocated to the island of Kauai. Initial housing was difficult, but all were settled in homes covering an area from Lihue to Kekaha. The economy of Kauai will be annually assisted by some 3/4 million dollars of salaries, supplies and services, etc.

The "grand opening" occurred 21 March 1961 with official ceremonies and an inspection of the new facility. Many Kauai residents attended; the main address was delivered by Lieutenant Governor James Kealoha; distinguished guests included General Emmett O'Donnell, Commander PACAF; Major General F. W. Makinney, Adjutant General of Hawaii; members of the State legislature, and Chairman Raymond Aki and members of the Kauai Board of Supervisors.



Two of the new F-102A DELTA DAGGERS of the 154th Fighter Group (Air Defense) welcomed the new radar station into the Hawaii Air Defense System with a resounding flyby.

### SUPPLY

The logistic support furnished by HANG Base Supply (AFB 6530) to Hawaii Air National Guard units showed a marked increase over previous years. This increase was due to conversion from F-86L to the more complicated F-102A aircraft, furnishing parts for both types of aircraft during the conversion, and support of an additional radar station with differing equipment. Line items increased from 8,600 to 19,500. The resultant workload created a manpower problem which the National Guard Bureau partially solved by authorizing four additional temporary employees. During the conversion period the monthly average of "Aircraft Out of Commission for Parts" rate was higher than desired, but still within Air Force criteria.

There were 54,957 documents processed through HANG Base Supply during the year compared to 25,293 for the previous year—an increase of 29,664. These transactions consisted of 15,604 with the 154th Fighter Group (Air Defense), 3,673 with the 109th Aircraft Control and Warning Squadron (Fixed) and Detachment 1, 1,463 with the 169th Aircraft Control and Warning Squadron (Fixed) and 32,217 by HANG Base Supply for off base shipments and receipts. HANG Base Supply was rated satisfactorily on all audits and inspections during the year. A special comment was made on the Annual General Inspection: "The efficiency maintained is attributed to the diligence, esprit de corps and resourcefulness of the 22 fulltime people assigned."

The Procurement Section of HANG Base Supply processed 805 petty cash purchases with local vendors for a total expenditure of \$23,396.24 and made 703 purchases at Hickam AFB local purchase stores for a total expenditure of \$22,088.10. 288 other purchase requests were submitted to the USP&FO for Hawaii for a total expenditure of \$91,764.81. A total of 1,796 separate procurement transactions were made for a grand total of \$137,294.15.

### CIVIL ENGINEERING

**Kokee AFS:** A. C. Chock, General Contractor, finished the \$323,310 initial construction of the Kokee AFS radar station in early March 1961. Prior to the end of the year four other contractors were back on the site constructing a \$27,441 automotive maintenance shop, a \$31,671 supply building, a \$16,095 chain link fence with its accompanying security lighting, and an \$11,929 access road to the site and to the radar tower. Planting moved along with numerous plum and pear trees included in the master landscape plan.

**Punamano AFS:** Construction included a \$22,587 pre-engineered 30' x 50' metal motor vehicle shop building and the messhall was modified for \$6,730. There were numerous small rehabilitation projects.

**Hickam AFB:** During the year McKee-Nordic construction continued on the new hangar-apron facility at Fort Kamehameha. This two million dollar project is programmed for completion in October 1961. A high speed 4200' taxiway was constructed which con-

nects the new hangar-apron facility with the Honolulu International Airport. James W. Glover, General Contractor, completed this \$409,044 construction project in May 1961 although scheduled completion was in August 1961.

Plans and specifications were prepared for a Missile Checkout Facility, Automotive Maintenance Shop and Ground Support Equipment Building, and Weapons Calibration Shelters.

### COMPROLLER

**General:** The HANG Controller Office is located at Hickam AFB and performs accounting, finance, budget and related matters, analytical and data processing functions for all Hawaii Air National Guard units.

Complete mechanization of accounting procedures was in process. Punched card reports were being processed on an International Business Machine and civilian payroll accounting was performed on a National Cash Register Machine.

The United States Property and Fiscal Officer for Hawaii at Fort Ruger furnishes technical guidance on fiscal matters and is also the Contracting Officer for the Hawaii Air National Guard.

The Air Force Finance Officer of Hickam AFB supports this activity in making payments for Hawaii Air National Guard obligations.

#### Balance Sheet: (As of 30 June 1961)

<b>Assets</b>	
Current Assets:	
Accounts Receivable.....	\$ 2,229.91
Material on Hand.....	2,642,760.61
Total Current Assets....	\$ 2,644,990.52
Fixed Assets:	
Aircraft.....	\$34,174,264.00
Unit Equipment.....	6,807,212.04
Land & Land Improvements	276,115.57
Buildings and Structures...	1,140,645.42
Construction in Progress...	462,904.00*
Total Fixed Assets.....	42,861,141.03
Total Assets.....	<u>\$45,506,131.55</u>
<b>Liabilities and Net Worth</b>	
Current Liabilities:	
Accounts Payable.....	\$ 354,228.91
Accrued Payroll.....	210,867.64
Total Current Liabilities.	\$ 565,096.55
Net Investment.....	44,941,035.00
Total Liabilities and Net Worth.....	<u>\$45,506,131.55</u>

**Note.** \*Construction in Progress. US Army Engineers project for new hangar-apron and taxiway at Fort Kamehameha in amount of \$2,647,418 is not included.

**Balance Sheet Summary:** The comparative analysis of the last two annual balance sheets indicates an increase in net investment of \$19,294,625.07 or 75% over the previous year. This tremendous increase is due to new aircraft and new unit equipment, including radar and communications equipment, to support the F-102A aircraft. The change in aircraft alone accounts for an increase of \$18,105,867 or 113% from the previous year. The unit equipment account increased \$2,585,649.31 or 61%.

The third item of importance is the inventory of materiel on hand required to support the aircraft and equipment with spare parts and supplies, which increased \$883,022.97 or 50% over the previous year.

**Cost of Operations:** Federal funds expended in support of the Hawaii Air National Guard for Fiscal Year 1961 totaled \$11,820,710. Supplies, equipment and services made up 63% of the total expenditures, and increased \$5,748,233 or 341% from the previous year due to change in aircraft and support of a third radar station. The second major expense was for civilian pay which was 20% of the total expense and increased \$327,358 or 16% from the previous year. This increase was also due to change in aircraft and

support of a third radar station. The grand total of \$11,820,710 is an increase of \$5,017,954 or 74% over the previous year.

#### Federal Funds Expended for Fiscal Year 1961.

	Amount	Percent
Civilian Pay.....	\$ 2,410,799	20.4
Military Pay and Allowances.....	675,062	5.7
Transportation of Personnel.....	71,005	.6
Subsistence.....	39,070	.3
Transportation of Supplies.....	16,957	.1
Medical Supplies and Equipment.....	8,080	.1
Individual Clothing.....	29,456	.2
Supplies, Equipment and Services.....	7,434,572	62.9
Repairs and Utilities.....	194,257	1.7
Construction.....	941,472	8.0
Total.....	<u>\$11,820,710</u>	<u>100%</u>

## CIVIL DEFENSE

Expansion of the State CD Agency's staff resulting in increased capabilities of the Agency, stepped-up public information, education and training programs, and improvements in the area of communications were accomplished in the 1960-61 fiscal year.

No major disasters occurred in the State during the fiscal period as compared to three disasters (Hurricane Dot which hit Kauai, the Puna volcanic eruption, and the tidal wave which struck Hilo) in the immediately previous fiscal year.

However, greater strides in preparedness for emergencies were made during the 1960-61 period than in any one previous year.

**Staff Expansion:** The Agency gained four new positions during the year, the new positions being: Economic Resources Mobilization Officer, Intelligence Officer, Communications Officer, and a Medical Consultant. The positions were filled in the Spring to increase the number of the Agency's salaried personnel from 8 to 12 full time employees.

The staff expansion was made possible by Federal funds under the Personnel and Administration program established by PL-85-606. Under that program Congress had appropriated \$45,000.00 to be used to expand the operational capacity of State and County CD organizations. Of the \$45,000.00 authorized under this program \$43,650.89 was expended during the fiscal year ending June 30, 1961.

**Communications and Warnings System:** The biggest headway in the area of communications and warnings system ever made in Hawaii since the establishments of Civil Defense here was the organization of Civ-Alert, a system in which disaster information can be broadcast simultaneously through the commercial radio stations of the State. The Civ-Alert broadcasting studio is located in Harlow Tunnel on the slope of Diamond Head, close to the State CD's headquarters.

The Civ-Alert facilities represent a joint effort by the State and the radio-television industry working through the Hawaii Association of Radio and Television Broadcasters.

The operational procedure during natural disasters was revised, the principal change being that county CD agencies will be required to sound the warning signals at least once every 60 minutes during tidal

wave warning periods, whereas previously the county agencies were required to sound the warning only at the beginning of the warning period although they were authorized to sound the sirens more frequently if they considered it necessary.

Both the establishment of the Civ-Alert system and the revision of the natural disasters standard operational procedure came about after the disastrous May 1960 tidal wave.

Also 71 more CD sirens for enemy attack and tidal wave warnings were purchased and are being installed throughout the Islands: 13 for Oahu, 12 for Hawaii, 21 for Kauai, and 25 for Maui county including 20 for the island of Maui and 5 for Molokai.

Other improvements enhancing the efficiency of the communications systems included installation of inter-island teletype system connecting all police headquarters of the four counties with the State CD headquarters which was completed in late 1960 and the completion in June 1961 of the full automatic switch-board installation in the CD emergency operating center.

**Fallout Shelter Program:** A survey is being made of buildings in Honolulu to determine the capabilities of the structures to provide protection against radioactive fallout.

The survey, financed by \$66,600 in Federal funds appropriated for the project, was begun in January 1961 and was 90 percent complete by the end of the fiscal year. The survey is designed also to determine the cost of modifying existing structures to increase fallout protection and make them habitable for a two-week period.

It is part of the national program to gather such information.

Civil Defense, Department of Education and Lions Clubs teamed up in a project in which family fallout shelters were constructed on the grounds of six public schools: two on Oahu, two on Hawaii and one each on Maui and Kauai. Much of the labor in setting up the prefabricated steel shelters was furnished by Lions Club members. Purchase of the disassembled shelters was financed by the national Office of Civil and Defense Mobilization.

The shelters on the school grounds are for the purpose of displaying them to the public.

The family prototype shelter program here was stymied as home owners who had indicated desire to participate withdrew from the program. Under that program the Federal government was to pay for the construction of the shelter, the cost not to exceed \$2,000. In return, the property owner was required to properly stock the shelter for two-week survival, maintain it and permit it to be open for public inspection on specified days. Various reasons such as inconvenience to the owners on display dates were given as reasons for withdrawal.

**Training Program:** Operation Alert 1961, a national CD exercise held April 28, saw for the first time a neighbor island as well as Oahu "hit" by nuclear bombs. It was also the first time that the simulated strike on Oahu was out of the Pearl Harbor-Hickam complex, the assumed target in the event of an actual attack. Impact areas were not centers of population but, both hits being surface bursts, simulated winds carried fallout over populated areas, thus offering problems not encountered in past exercises.

Kauai's Hanalei School tidal wave evacuation plan was tested on October 14 by the Kauai CD Agency with the cooperation of the Department of Education. The 107 teachers and students of the school were evacuated to higher ground in buses in 16 minutes.

Several courses in radiological defense were conducted. In October two courses were held here under the joint sponsorship of the Office of Civil and Defense Mobilization, the State CD Agency, the Military and the State Department of Health, at which 65 persons received training.

Then in March two more courses were offered at which the instructors were four specialists from the national OCDM headquarters. One of the courses was on radiological monitoring for instructors while the other was the radiological officers course. Sixty-six persons attended each of the courses.

Courses on the Big Island were held for 46 radiological monitors in January and for 19 in July.

Some 65 high school science teachers attended a radiological workshop held in May under the joint sponsorship of the State CD Agency and the Department of Education.

**Economic Resources Program:** The Regional director and the Region's Resources and Production head were here in January and their conferences with local executives in related occupations gave a tremendous boost to the economic resources development program. Conferences were held in each of the four counties by the Region's officials with local people in the fields of transportation, shipping, import and distribution of general commodities, agriculture, banking and financing.

It was generally agreed by the conferees that local leaders get together to think through the problems in Hawaii in the event of a national disaster.

In keeping with that thinking, the Governor's Industry Survival Institute was planned by the State CD staff and was conducted on June 20 and 21.

Five Mainland authorities, headed by the director of the OCDM's Industry Office and including representatives of industry, and eight local specialists were instructors at the two-day event. Some 100 industrial leaders here attended the Institute to discuss plans

to minimize losses by industry and how to restore productive capacities in the event of a nuclear war.

Geared to meet emergencies other than war emergencies, the Economic Resources Mobilization section of the State CD Agency was assigned the responsibility for administration of the Governor's Emergency Food Committee in the martime strike situation in June of 1961.

**Religious Affairs Conference:** The first of such an event to be conducted by the State CD Agency, the Governor's Civil Defense Institute for Clergymen and Church Leaders was a very successful beginning toward mobilizing the churches in civil defense work.

It was attended by some 60 persons representing most of the Protestant Christian churches as well as Catholic, Jewish, Society of Friends, the Military and Unitarian groups.

**Information and Education:** The CD underground facilities in Diamond Head crater were opened for public inspection on December 7 in the observance of National Civil Defense Day. Well over 600 persons visited the joint State and Oahu CD emergency operating center and the Civ-Alert facilities.

Participating in the annual Armed Forces Day exhibit at Ala Moana park May 20, the CD Rescue Service truck and the mobile radio unit of Jimmy Walker, Honolulu radio personality, were displayed and CD educational material was distributed to visitors.

The State Agency provided material for a radiological defense and CD information booth at the Boy Scout Makahiki in June.

Increased public interest in civil defense was reflected by the increased coverage by newspapers and radio and television stations on matters pertaining to civil defense. During the January-June six-month period, some 1,390 column inches of space were given to items pertaining to civil defense, more than double the space given during the previous six months.

Newspaper and radio-television coverage was excellent during the Governor's Industry Survival Institute which just preceded the conference of U.S. governors.

Three of the lecturers here for the Institute and a CD staff member appeared on a CD panel discussion over radio KIKI while OCDM Director Frank B. Ellis, who was here for the conference of governors, appeared on a KHVH-TV program with New York Governor Nelson Rockefeller and local civic leaders.

The OCDM director also appeared on a Movietone TV interview with Governor William F. Quinn.

Meanwhile, an encouraging development was noted in the field of public information and education with the appointment of a Department of Education teacher as Assistant Director for Civil Defense of the Education Department. The program, financed by a Federal grant of \$40,000, calls for the training of public school teachers in civil defense. The CD-trained teachers will then go into the community to teach individual and family survival to the general public. The program is scheduled to begin in the Fall of 1961.

**Appointments:** A three-member CD Tsunami Advisory Committee was named by General Makinney in July 1960. Headed by Dr. Gordon A. Macdonald,

volcanologist and University of Hawaii professor, members of the committee are Doak C. Cox and Dan A. Davis.

Another appointment to further strengthen civil defense was the appointment of Robert K. Agena to the newly created position of Civil Defense Manpower Mobilization Coordinator in the Department of Labor and Industrial Relations in the Fall of 1960. The appointment was made by Labor and Industrial Relations Director Takashi Kitaoka. Agena had been

with the Department's Bureau of Employment Security just prior to the new appointment.

With the appointment by General Makinney of the chairmen and executive officers of Kauai and Maui as CD Deputy Directors for the respective counties in January, the elected executives of all four counties now head the CD organizations of their counties. The Hawaii County chairman and Honolulu's mayor headed their county CD agencies previously.

## CONTRACTING AND ENGINEERING SECTION

### CIVIL DEFENSE & NATIONAL GUARD

The Contracting and Engineering Section is charged with the responsibility for directing the planning and programming of overall work schedules including minor construction, maintenance, repairs and improvements to buildings, structures, roads, grounds, surface drainage systems, utility plants and systems; insect and rodent control, security and custodial services for all facilities under the jurisdiction of the Department of Defense including those of the Army National Guard, Air National Guard, and Civil Defense. The Section maintains continual review of programs, making adjustments as necessary to meet changed conditions as required for efficient operation. It inspects contracts pertaining to the work of the Section, establishes and directs an effective building preventive-maintenance program, plans, assigns, and coordinates the work of the maintenance crews and tradesmen assigned to the Section to assure expeditious and economical accomplishment of the assigned functions.

The Section initiates, programs and budgets for projects as required and directed, and coordinates and supervises the preparation of designs, plans, and specifications for all Army National Guard, Air National Guard, and Civil Defense construction from either State or Federal funds or a combination thereof; coordinates with the United States Property & Fiscal Officer or the Corps of Engineers all designs, plans and specifications for the construction, repair or maintenance of all Army National Guard and Air National Guard facilities; coordinates with the State Division of Public Works for all armory construction; inspects and prepares site survey certificates for construction sites; prepares plans and specifications and makes recommendations covering minor construction and major and minor repairs and alterations to existing facilities; and prepares and maintains the reports and records required in connection with the construction and maintenance and repair program of the Section.

The Section is also custodian of all real property under the jurisdiction of the Department of Defense and maintains files of plans of buildings, roads, grounds, and utility systems and reproducible plans for all installations of the Department.

During the reporting period construction was completed on the following armory projects:

Location	State Cost	Federal Contribution	Date Completed
Addition to Keaukaha Armory, Hilo, Hawaii	\$40,676.81	\$ 47,743.67	7 Oct 1960
One-Unit Armory, Kealahou, Hawaii	\$80,411.10	\$124,157.50	20 Apr 1961

Construction was started on the following armory during the reporting period:

Location	State Cost	Federal Contribution	Date Started
One-Unit Armory, Diamond Head, Fort Ruger	\$57,852.00	\$114,777.00	13 Jun 1961

The following non-armory construction, 100 percent federally financed, was placed under contract during the reporting period:

#### Army National Guard Projects:

Location	Scope of Work	Cost
Keaukaha Military Reservation	Underground Fuel Storage and Dispensing Units	\$5,900.00
Camp Paukukalo, Maui	Chain-Link Security Fencing	\$ 3,494.00
Fort Ruger and Wahiawa	Army National Guard Field Training Campsite	1,841.00
Total		\$11,235.00

#### Air National Guard Projects:

Location	Scope of Work	Cost
Hickam Air Force Base	440-Volt Electric Power	\$ 5,715.00
Punamano Radar Station	Motor Vehicle Repair Shop	22,587.00
Koikee Radar Station	Motor Vehicle Repair Shop	27,441.00
Koikee Radar Station	Resurfacing of Access Road	11,929.50
Koikee Radar Station	Supply Warehouse	31,671.00
Koikee Radar Station	Chain-Link Fencing and Security Lights	16,095.00
Hickam Air Force Base	Weapons Calibration Shelters	39,275.00
Punamano Radar Station	Modification of Hutments	2,000.00
Total		\$156,713.50

During the reporting period the Contracting and Engineering Section awarded contracts for projects financed 100 percent from State funds as follows:

Location	Scope of Work	Cost
Fort Ruger Armory	Sprinkler System	\$ 3,245.00
Hawi, Kohala, Hawaii	Interior Painting of Armory	1,725.00
Keaukaha Military Reservation	Repair and Waterproofing of Building #556	3,798.00
Laupahoehoe Armory	Repair and Repainting of Roof	2,650.00
Wailuku Armory	Modifications to Supply Room	1,205.41
Fort Ruger	Repairs to Building #29 (Civil Defense Headquarters)	2,798.52
Fort Ruger	Repairs to Building #31	3,952.26
Fort Ruger	Repairs to Building #5	3,160.00
Fort Ruger	Painting of New Partitions in Armory	1,825.00
Keaukaha Military Reservation	Interior Painting of Building #556	2,078.75
Fort Ruger	Addition to Paved Area at New Armory	5,800.00
Fort Ruger	Repainting of Buildings	2,649.30
Total		\$34,887.24



# STATE SUPPORT

## CIVIL DEFENSE & NATIONAL GUARD

**Funds.** The State support toward operations of the Military Division and the Civil Defense Division during the fiscal year ended June 30, 1961 totalled \$1,019,757.78. Of this amount \$785,602.47 was expended out of Appropriated Funds and \$143,864.44 out of Specific Appropriation Funds.

**Appropriated Funds.** The Appropriated Funds which are made available to the Department by the Legislature on a fiscal year basis provide the bulk of the requirement for operational purposes. The expenditures out of this fund during the fiscal year 1961 were as follows:

Military Division		
Program	FY 61 Allocation	FY 61 Expenditures
Command & Administration.....	\$243,332.00	\$242,591.75
Maintenance & Operation.....	388,466.00	384,478.26
Encampment & Active Duty Pay	52,500.00	49,657.67
Totals.....	\$684,298.00	\$676,727.68

Civil Defense Division		
Program	FY 61 Allocation	FY 61 Expenditures
Administration.....	\$ 59,074.00	\$ 58,910.73
Health Services.....	16,555.00	16,538.85
Special.....	32,023.40	30,595.30
Surplus.....	3,000.00	2,829.91
Totals.....	\$110,652.40	\$108,874.79

**Specific Appropriation Funds.** The balance of \$8,125.38 authorized under Act 224 Session Laws of Hawaii 1959 was expended during the fiscal year covering the purchase of equipment for the Kauai Civil Defense Agency. The State also provided the sum of \$216,682.00 for the purchase and installation of Civil Defense communications and warning equipment and for the renovation of Harlow Tunnel under Act 9 Special Session Laws of Hawaii 1960 and Act 18 Session Laws of Hawaii 1960. Of the \$216,682.00 appropriated, \$143,864.44 was expended during the fiscal year ended June 30, 1961. The available balance is programmed for fiscal year 1962.

**Service Contracts.** The Military Division is provided Federal support under the Service Contract Program wherein certain expenditures for personal services and operational costs are subsidized out of Federal Funds. These contracts negotiated annually

between the State of Hawaii and the Federal Government provide for reimbursement of 75% of certain maintenance and operational costs to the State for installations which are Federally owned or licensed to the State of Hawaii. During the fiscal year the 5 Army Service Contracts realized a total of \$49,975.93 in reimbursements while the 3 Air Service Contracts provided for a total reimbursement of \$8,588.94. A recapitulation of Service Contract revenues for the fiscal year by installations is as follows:

Installation	Reimbursement FY 61
<b>Army</b>	
Fort Ruger, Oahu.....	\$40,403.89
Keaukaha Military Reservation, Hawaii...	8,157.90
Honolulu Airport, Oahu.....	657.87
Waiawa, Oahu.....	742.33
Camp Catlin, Oahu.....	13.94
Total Army.....	\$49,975.93

Installation	Reimbursement FY 61
<b>Air</b>	
Hickam Field, Oahu.....	\$ 7,044.79
Punamano, Oahu.....	1,379.05
Sand Island, Oahu.....	165.10
Total Air.....	\$ 8,588.94
Grand Total.....	\$58,564.87

**Federal Matching Funds.** The Civil Defense Division is provided Federal support under the M25-1 Matching Program or Hardware Program covering expenditures for equipment and services which are eligible for Federal Matching funds. They include maintenance costs and line rentals of the Civil Defense siren system, telephone and communication requirements for the Emergency Operating Center, expenses for Civil Defense exercises conducted periodically and for the purchase of selected equipment which are required during disasters. During the fiscal year the Civil Defense Division realized a total of \$18,776.43 Federal Matching Fund revenues.

**Personnel.** The Military Division and the Civil Defense Division were authorized a total of 96 and 8 positions respectively during the fiscal year. These positions by type and distribution are as indicated on Plate XV.

## LOGISTICS

**General:** The United States Property and Fiscal Officer for Hawaii is authorized under the provisions of Title 32, United States Code, Section 708. He is directly responsible to the Adjutant General for proper management of Federal funds and Federal property allocated to the State for support of the Hawaii Army and Air National Guard. He has been designated by the Chief, National Guard Bureau as Class B, Agent Finance Officer, Purchasing and Contracting Officer and Transportation Officer. The Adjutant General has appointed him logistical advisor.

Federal funds managed by the USP&FO support the procurement, storage and issue, and maintenance of supplies and equipment; transportation of personnel, supplies and equipment; payment of National Guard technicians; certain construction projects; service contracts; and the accounting system necessary to control these funds.

A rating of Superior was received from the USARHAW Inspector General for FY 1961.

**Administrative:** This division supports the O/USP&FO with a central filing system which in-

cludes correspondence, procedures, regulations and other directives. Reproduction, printing and distribution of publications is combined with message center activities. Secretarial and stenographic duties are also performed. The records disposal management program also is administered by this division.

**Supply:** The mission of the Supply Division of the USP&FO is to provide logistical services to the units and activities of the Hawaii Army National Guard. The division functions include the procurement, storage, distribution, disposition, inventory, audit and accounting of all Federal property received from local and Federal supplying agencies and issued to the units and activities of the Hawaii Army National Guard. It establishes procedures and controls and furnishes guidance to all elements of the Hawaii Army National Guard relative to requisition, issue, turn-in, accounting and adjustment of supplies and equipment.

The Supply Division is organized into four branches: 1) Administrative, 2) Stock Control, 3) Field Audit and 4) Financial Inventory Accounting. The Stock Control Branch is further broken down into four operating sections: 1) General Supply, 2) Storage, 3) Air Defense Supply and 4) Service Stock and Supply Store. The operations of the three branches are coordinated by the Administrative Branch under the direction of the Supply Officer. The breakdown of personnel by Federal and State technicians are as follows:

	Federal	State	
Administrative	3	1	(Ass't Supply Officer)
Stock Control	24	2	(Clerk Typist, Storekeeper)
Auditing	3	0	
FIA	2	0	

During fiscal year 1961 the division serviced all sixty-seven (67) property book accounts. To provide this service, the Stock Control Branch processed 27,451 documents and 58,321 line items of supply requisitions, issues, turn-ins and transfers. The value of the items received and issued during this period amounted to approximately \$3,300,000.00. Of this amount, approximately \$2,600,000.00 worth of supplies and equipment were issued to the Air Defense Missile units. The bulk of the \$2,600,000.00 was for equipment issued to the last two on-site units that returned from package training during the fiscal year. Approximately \$700,000.00 worth of supplies and equipment were issued to the remainder of the units and activities to replace and repair outmoded or unserviceable clothing and equipment and to furnish them the necessary maintenance, janitorial and office supplies. Also during fiscal year 1961, the Supply Division returned \$3,593,087.43 worth of serviceable and unserviceable excess or obsolete equipment to the Army. Of this total, approximately 3 million dollars worth of turn-ins were generated as a result of the conversion from the 90mm guns to the Nike Hercules Missiles.

The Self Service Supply Store made available to the units under the "shopping center" principle of operations an inventory of \$36,220.61 worth of miscellaneous janitorial maintenance, and office supplies. The units received a monetary allocation of \$32,926.69 of which \$30,722.36 were spent during the past fiscal year. This amount represents an increase

of approximately \$9,000.00 over the amount shown in the previous report. This increase is primarily attributed to the increase in monetary allocation to the units and to the increase in the number and types of supplies carried in the store. The gradual transition to the Supply Store principle of operation has steadily increased the efficiency of the Supply Division by offering faster service to the units, by decreasing the amount of paperwork and by reducing manpower requirements.

The Field Audit Branch has played a major role in the functions and operations of the Supply Division. During the past fiscal year the Field Audit Branch audited all 67 accounts to determine whether all properties issued to the units and activities were properly accounted for and whether the units were complying with the provisions of Supply Procedures as published by the Supply Division. The thoroughness with which the Field Auditors have audited these accounts has paid off large dividends as indicated by the many excellent and superior Inspector General's rating for supply and by a drop in the number of Report of Surveys and amounts of Quarterly Droppages. The units and activities are now more conscious of their responsibilities to properly account for property issued to them and to comply with Supply Procedures, HARNG. A comparison of the quantity and amount of droppages and surveys with two previous fiscal years' totals is shown below.

#### QUARTERLY REPORT OF OPERATIONAL BREAKAGE AND LOSSES

	FY 59	FY 60	FY 61
Amounts.....	\$3,011.14	\$1,869.69	\$1,761.41

#### REPORT OF SURVEYS

	FY 59	FY 60	FY 61*
Nr of Surveys.....	12	6	27
Amounts.....	\$3,577.50	\$ 968.86	\$6,071.69
Amt loss or damaged due to fault of Individ.....	\$ 284.85	\$ 51.30	\$ 162.00

\* NOTE: Report of Surveys for FY 61 include 19 Surveys resulting from losses suffered by individuals during the Hilo Tidal wave amounting to \$1,051.89 and one (1) Survey resulting from damages caused to a truck on loan to the 25th Infantry Division amounting to \$4,052.50.

The Financial Inventory Accounting Branch maintains information on the dollar value of warehouse stocks and other pertinent data on inventory transactions, work load, requisitions, stockage objectives, demands and issues. The information received from the FIA Branch is continuously analyzed to determine general problem areas, and to determine significant deviations in inventory transactions, work load, stockage objectives and warehouse inventory from previous periods and whether these deviations are explainable. The data obtained during the past fiscal year indicated a warehouse inventory within the optimum zone of turnover as determined by the requirements. A general reduction in warehouse inventory to stock only those items meeting the demand criteria for the separate technical services has resulted in saving of manpower and warehouse space. At the close of this fiscal year, the work force was reduced by two State technicians and the warehouse space was reduced by combining the repair parts warehouse and storage warehouse into one building.

Continuous analysis of the management position is being undertaken to further increase the efficiency of the Supply Division and to further reduce the cost of operation.

During the latter part of this fiscal year, the events leading to the present conflict in world interests necessitated a stepped-up plan for the mobilization of the Hawaii National Guard. The prior plans to provide the logistical services for mobilization has been revised and improved to effect a more rapid and a more coordinated logistical plan for mobilization. These plans have been put into effect in the Supply Procedures for the units and activities and in the Standing Operating Procedures for the Supply Division.

**Budget and Fiscal:** The Budget and Fiscal Officer assigned to the Office of the United States Property & Fiscal Officer for Hawaii is responsible for the development and management of the Federal financial program. The basic concept of the program is expressed in the following functions:

- Budget development and presentation
- Examination and certification for payment
- Accounting and reporting
- Review and analysis of operations

The Budget and Fiscal operation includes financial management, fiscal accounting, civilian payroll administration, and purchasing and contracting.

Federal funds for the support of the Army National Guard are issued on a quarterly basis against an Annual Funding Program developed by the State and approved by the National Guard Bureau. The Army National Guard program involves the following appropriations:

- Operation and Maintenance, Army National Guard Personnel, Army
- Operation and Maintenance, Army National Guard Military Construction, Army National Guard

The primary objective of the Financial Management Program is to achieve maximum utilization of available resources to meet the Hawaii Army National Guard program. The Federal funds obligated during Fiscal Year 1961 in support of the Hawaii Army National Guard are shown in Plate XIV.

The Purchasing and Contracting activity includes requirements of the Hawaii Army and Air National

Guard that are supportable under Federal appropriations. Procurement policy is regulated by Army and Air Force procurement regulations. Procurement actions initiated during the fiscal year ended 30 June 1961 are as follows:

Transactions	Procurement Action	Dollar Valuation
1,110	Purchase/Delivery Orders	163,948.31
1,131	Cash Purchases	27,891.54
9	Utilities Contracts	27,715.50
1	Armory Construction Contracts	114,777.00
1	Service Contracts	43,505.06
11	Non-armory Construction Contracts	172,656.50
2,263		550,493.91

The character of purchases and dollar distribution by island are shown in Graph I.

A staff of technicians to support the full time administrative, training, accounting, maintenance and air defense functions of the Hawaii Army National Guard is authorized by the National Guard Bureau. The maintenance of personnel records, payroll administration, leave, time and attendance, and earnings records for full-time technicians are the responsibilities of the Civilian Payroll activity. The payroll period for Army National Guard technicians was changed from a monthly to a bi-weekly period in June 1961. All Air Defense technicians were converted effective 11 June 1961, and all other technicians on 18 June 1961. A staggered pay period was adopted to balance this added workload cycle as no additional payroll personnel was authorized.

Hawaii Army National Guard technician personnel and payroll data for Fiscal Year 1961 are shown in Graph II.

**Technicians:** During the fiscal year, a total of 589 full-time technicians under the Army National Guard Program were employed.

Project 7512 (Organizational) had 91 technicians employed.

Project 7513 (USP&FO) had 47 technicians employed.

Project 7514 (Field Maintenance) had 64 technicians employed.

Project 7621 (Air Defense) had 387 technicians employed.

GRAPH I

	Oahu	Hawaii	Maui	Kauai	Molokai	Total
Gas & Fuel	10,691.31	7,796.05	3,137.92	13,618.41	168.50	35,412.19
Subsistence	1,387.58	3,740.24	1,701.73	812.92	163.27	7,805.74
Contractual Svc	12,250.43	2,971.10	694.60	8,542.38	27.50	24,486.01
Utils & Comms	26,312.07	773.63	429.80	200.00	....	27,715.50
Constructions	198,379.00	5,900.00	3,494.00	87,136.50	....	294,909.50
Svc Contracts	35,347.16	8,157.90	....	....	....	43,505.06
Misc Supplies	81,391.46	5,260.76	5,724.66	740.53	2.50	93,119.91
Misc Cash Purchases	23,540.00	....	....	....	....	23,540.00
Totals	389,299.01	34,599.68	15,182.71	111,050.74	361.77	550,493.91

GRAPH II

	Average Number Employed	Man-months in pay Status	Total Payroll*	Average Per Annum Salary*
Organizational Technicians	91	1,076.5	\$ 595,412.91	\$6,638
USP&FO Technicians	47	557.3	301,807.08	6,499
Field Maintenance Technicians	64	772.5	402,934.19	6,538
Air Defense Technicians	387	3,985.5	1,864,720.84	5,614
Totals	589	6,391.8	\$3,182,875.02	\$5,976

\* Includes Employer's cost of FICA

There were 3309 personnel changes during this period. Appointments, 128; separations, 29; salary increases, 388; step changes only, 34; reassignments with increases, 54; reassignments without increases, 34; upgraded in position grade, 17 and administrative payroll changes, 2625.

Changes in National Guard Regulation 51 and National Guard Regulation 52 required that all Army National Guard technicians be paid on a big-weekly basis. The bi-weekly pay system consists of two basic administrative work weeks of five consecutive eight-hour days each.

## MAINTENANCE

**Annual Command Maintenance Inspection:** The annual Command Maintenance Inspection of Hawaii Army National Guard units and maintenance activities was conducted by inspection teams comprised of technicians from HARNG Combined Field Maintenance Shops Nr. 1 and Nr. 2. The inspection was performed under the direction of the State Maintenance Officer, in accordance with existing regulations, to determine the condition of maintenance of organizational materiel and the effectiveness of organizational maintenance procedures. Results of that inspection have been digested and are shown in the table below:

### Overall Command Maintenance Inspection Ratings

	No. Inspected	Superior	Excellent
HARNG Units	39	38	1
Maintenance Activities	16	15	1

This division was assigned the mission of providing motor vehicle transportation for the 82d General Conference of the National Guard Association of the United States which was held in Honolulu during the month of October 1960. Plans and arrangements were made far in advance to obtain sufficient number of vehicles, operating personnel, and suitable facilities in order to provide adequate transportation for a large number of conferees and guests. Sedans, buses, and commercial type trucks were borrowed from all branches of the Armed Services to supplement National Guard vehicles. In addition, 12 sedans were furnished for the occasion without cost by courtesy

of Aloha Motors. Army Reserve facilities at Fort DeRussy were made available for motor vehicle maintenance, dispatching and parking. A detachment of drivers and other operating personnel was composed of full-time personnel of various units and activities of both the Army and Air National Guard. No major problems were encountered and the entire operation was deemed a great success as all bonafide transportation requests were met and many compliments received.

Under the provisions of NGB Pamphlet 75-8-1, dated 5 August 1960, a State Transportation Motor Pool and Subpools of general transport administrative vehicles of the HARNG were established effective 15 February 1961. The establishment did not in effect create new activities as the operation of the State Transportation Motor Pool and Subpools was satellited on some of the existing Organizational Maintenance Shops as an added function. The State Transportation Motor Pool and Subpools as established per General Order Nr 6, AGO HAW, dated 2 February 1961, to provide general transport administrative vehicles support, are as indicated in Graph III.

In coordination with AGO HAW, a program of spot-check inspections of all HARNG units and maintenance activities by the Command Maintenance Inspection Team of U.S. Army, Hawaii was planned for execution during the last quarter of FY 1961. However, due to emergency conditions imposed upon that command, only those elements on the Islands of Hawaii, Maui, and Kauai were inspected. Unlike the regular Command Maintenance Inspection, a classification of either "satisfactory" or "unsatisfactory" was used for rating purposes. All twenty-five units and activities inspected received a rating of "satisfactory."

There has been no significant change in the overall maintenance structure during the last fiscal year except that general transport administrative vehicles pools have been established to delineate certain missions and support. Status of maintenance activities, i.e., designation, location, mission, and number of personnel employed as of 31 July 1961 are shown in Graph IV.

### GRAPH III

Designation and Location	Satellited To	Organization and/or Activities Supported
State Transportation Motor Pool, Ft Ruger	OMS Nr 1	All units and activities at Ft Ruger, less elements of 298th Arty Gp (AD)
1st Transportation Motor Subpool, Ft Ruger	OMS Nr 3	298th Arty Gp (AD) 1st Msl Bn 298th Arty and Advisors
2nd Transportation Motor Subpool, Wahiawa	OMS Nr 4	2d Msl Bn 298th Arty and Advisor
3d Transportation Motor Subpool, Hilo	OMS Nr 8	All units and activities on the Island of Hawaii
4th Transportation Motor Subpool, Wailuku, Maui	OMS Nr 7	All units and activities on the Island of Maui
5th Transportation Motor Subpool, Hanapepe, Kauai	OMS Nr 6	All units and activities on the Island of Kauai

### GRAPH IV

Activity and Location	General Assigned Mission	Nr of Full-Time Employees
Combined Field Maintenance Shop Nr 1, Ft Ruger, Honolulu	Field maintenance support of all units on the Islands of Oahu, Maui, Kauai and Molokai	31
Combined Field Maintenance Shop Nr 2, Hilo	Field maintenance support of all units on the Island of Hawaii	14
Field Training Equipment Concentration Site Waiawa Gulch, Oahu	In-storage maintenance of stored vehicles and equipment in support of all units	8
Organizational Maintenance Shop Nr 1, Ft Ruger, Honolulu and (State Transportation Motor Pool)	Organizational maintenance support of 4 units	3



GRAPH IV CONTINUED

Activity and Location	General Assigned Mission	Nr of Full-Time Employees
Organizational Maintenance Shop Nr 2, Ft Ruger, Honolulu	Organizational maintenance support of 4 units	3
Organizational Maintenance Shop Nr 3, Ft Ruger Honolulu and (1st Transportation Motor Subpool)	Organizational maintenance support of 6 units	2
Organizational Maintenance Shop Nr 4, Wahiawa and (2d Transportation Motor Subpool)	Organizational maintenance support of 5 units	2
Organizational Maintenance Shop Nr 5, Ft Ruger Honolulu and (3d Transportation Motor Subpool)	Organizational maintenance support of 2 units	3
Organizational Maintenance Shop Nr 6, Lihue and (5th Transportation Motor Subpool)	Organizational maintenance support of 4 units	1
Organizational Maintenance Shop Nr 7, Paukukalo, Wailuku and (4th Transportation Motor Subpool)	Organizational maintenance support of 4 units	3
Organizational Maintenance Shop Nr 8, Hilo and (3d Transportation Motor Subpool)	Organizational maintenance support of 4 units	4
Organizational Maintenance Shop Nr 9, Honokaa	Organizational maintenance support of 4 units	1
Organizational Maintenance Shop Nr 10, Hilo	Organizational maintenance support of 2 units	4
ARNG Aviation Maintenance Shop Honolulu Airport	Field and organizational maintenance support of all ARNG aircraft on the Island of Oahu	6
ARNG Aviation Maintenance Sub-Shop, Hilo	Organizational maintenance support of ARNG aircraft on the Island of Hawaii	1
ARNG Aviation Maintenance Sub-Shop, Kahului	Organizational maintenance support of ARNG aircraft on the Island of Maui	1

PLATE I—PRINCIPAL COMMANDERS AND STAFF OFFICERS

The Adjutant General of Hawaii  
Major General F. W. Makinney

ARMY NATIONAL GUARD

Assistant Adjutant General, HARNG  
Brig Gen Frederick A. Schaefer, III

HQ Det HARNG Staff

Chief of Staff..... Col John Campbell  
USPFO..... Col Clark G. Johnson  
G-1..... Lt Col William C. Meyer  
G-2..... Maj Ronald B. Greig  
G-3..... Lt Col John Naumu  
G-4..... Lt Col Forest A. Hatfield  
Judge Advocate..... Col William M. Blatt  
Surgeon..... Lt Col Alvin V. Majoska  
Ordnance Officer..... Lt Col Clarence R. Johnson  
Selective Service Officer..... Col William A. Boyen  
HQ Det Comdr..... 1st Lt Joseph J. Hines

Special Troops

CO 120th MP Co..... Capt Charles F. W. Chong  
CO 613th Ord Co..... 1st Lt William Y. Yamada  
CO 111th Army Band..... CWO Carl S. Baptiste  
CO 117th Pub Info Det..... Capt Joseph J. O'Donnell

227th Engr Bn

CO..... Lt Col Louis D. Hinton  
XO..... Maj Raymond Y. Oyama  
S-1..... Capt Joseph Holck  
S-2..... Capt Robert S. M. Chang  
S-3..... Capt Alexis T. Lum  
S-4..... Capt Colin G. Kippen

298th Arty Group

CO..... Col John M. Becker  
XO..... Lt Col Masato Sugihara  
S-1..... Maj Kerwin R. Keys  
S-2..... Maj Melvin Alencastre  
S-3..... Maj Howard G. Christ  
S-4..... Maj David F. DeCosta  
CO 1st Msl Bn 298th Arty..... Lt Col Edward M. Yoshimasu  
CO 2nd Msl Bn 298th Arty..... Lt Col Manuel Kwon

29th Inf Bde

CG..... Brig Gen Michael R. Roman  
XO..... Col Francis S. Takemoto  
S-1..... Maj Archie Kennison, Jr.  
S-2..... Maj Bernaldo D. Bicoy  
S-3..... Lt Col Reginald K. F. Lau  
S-4..... Capt Saburo Ito  
Surgeon..... Lt Col Rudolph P. Wipperman  
Signal Officer..... Maj Gordon D. R. Lawson  
CO 1st BG 299th Inf..... Col Clyde W. Woods, Jr.  
CO 2nd BG 299th Inf..... Lt Col George S. McEldowney

AIR NATIONAL GUARD

Assistant Adjutant General, Air/Commander  
Brigadier General Valentine A. Siefertmann

Headquarters, Hawaii Air National Guard

Director of Operations..... Colonel James R. Ashford  
Weapons Director Staff Officer..... Captain James Y. Sato  
Education and Training  
Staff Officer..... Captain Norman T. Westly  
Director of Communications-  
Electronics..... Major Arthur U. Ishimoto  
Ground Electronics Officer..... Lt Richard Y. Okita  
Director of Personnel..... Lt Col Walter F. Judd  
Manpower Management Officer..... Major Robert A. Hite  
Director of Materiel..... Lt Col Russell L. Smith, Jr.  
Supply Officer..... CWO W-3 Joseph L. Barnett  
Planning Engineer (DS)..... Captain David S. Wissmar  
Comptroller (DS)..... Captain Richard H. Furuno

154th Fighter Group (Air Defense)

Commander..... Lt Col Robert B. Maguire  
Executive Officer..... Major Padraic B. Evans  
Director of Operations..... Major Letwell P. A. Duvauchelle  
Director of Personnel..... Captain James K. Lota  
Director of Materiel..... Lt Col George R. Duncan  
Chief of Maintenance..... Captain Harold T. Mattos  
Comptroller..... Major Lorenz L. Kumeilike, Jr.

154th Air Base Squadron

Commander..... Major Tyler M. Harr, Jr.  
Air Operations Officer..... Captain William T. Klopp

154th Consolidated Aircraft Maintenance Squadron

Commander..... Major Jarrett F. Carr  
Armament Systems Officer..... Captain John H. Beaumont, Jr.

154th Materiel Squadron

Commander..... Major William W. Dau  
Supply (Base) Officer..... Captain Frank Carlos  
Transp/Refueling Officer..... Lt Randall K. White

154th USAF Dispensary

Commander..... Major Claude V. Caver, Jr.

199th Fighter Interceptor Squadron

Commander..... Major Kenneth L. Fisher  
Operations Officer..... Major Ross P. England

109th Aircraft Control and Warning Squadron (Fixed)

Commander..... Lt Col Robert G. O'Hara  
Weapons Director Staff Officer..... Major Dewitt C. Bye  
Comm-Electronics Staff Officer..... Major Nobuo F. Tanigawa  
Commander, Detachment 1..... Major Robert W. Liddle

169th Aircraft Control and Warning Squadron (Fixed)

Commander..... Lt Col Kiyoshi P. Goya  
Weapons Director Staff Officer..... Captain Joseph D. Chambless, Jr.  
Comm-Electronics Staff Officer..... Major John C. Y. Ing

199th Weather Flight (Forecasting and Observing)

Commander..... Major Allen D. Pearson

## PLATE II—STATION LIST OF UNITS

### ARMY NATIONAL GUARD

Special Troops			29th Inf Bde Plus Attached Units		
Unit	Station	Date of Fed Recog	Unit	Station	Date of Fed Recog
HQ & HQ Det, HARNG.	Fort Ruger, Hon, Haw	9 Sep 46	HQ & HQ Co 29th Inf Bde	Fort Ruger, Hon, Haw	4 Jan 54
120th MP Co	Fort Ruger, Hon, Haw	8 Jan 51	1st BG 299th Inf		
613th Ord Co (DS)	Fort Ruger, Hon, Haw	30 Sep 46	HQ & HQ Co	Fort Ruger, Hon, Haw	30 Jun 47
111th Army Band	Fort Ruger, Hon, Haw	10 Sep 46	Co A	Lahaina, Maui, Haw	6 Jan 47
117th Pub Info Det	Fort Ruger, Hon, Haw	1 May 60	Co B(-)	Kaunakakai, Molokai, Haw	10 Mar 47
<b>227th Engr Bn (Inf Div)</b>			1st Rifle Plat & Wpns		
HQ & HQ Co	Fort Ruger, Hon, Haw	27 Jan 47	Plat Co B	Wailuku, Maui, Haw	22 Oct 46
Co A	Fort Ruger, Hon, Haw	15 May 47	Co C	Kahului, Maui, Haw	26 Jun 47
Co B	Fort Ruger, Hon, Haw	17 Apr 47	Co D(-)	Lihue, Kauai, Haw	28 Oct 46
Co C	Fort Ruger, Hon, Haw	29 Sep 47	1st Rifle Plat & Wpns		
<b>298th Arty Group Plus Attached Units</b>			Plat Co D	Kapaa, Kauai, Haw	17 Nov 47
HQ & HQ Btry			Co E(-)	Hanapepe, Kauai, Haw	9 Jun 47
298th Arty Gp	Fort Ruger, Hon, Haw	14 Oct 46	1st Rifle Plat Co E	Kekaha, Kauai, Haw	1 Aug 55
1st Msl Bn (Nike Hercules)	298th Arty		Cmbt Spt Co	Wailuku, Maui, Haw	22 Oct 46
HQ & HQ Btry	Fort Ruger, Hon, Haw	7 Jul 47	2nd BG 299th Inf		
Btry A	Pearl City, Oahu, Haw	28 Jun 48	HQ & HQ Co	Hilo, Hawaii	8 Oct 46
Btry B	Kahuku, Oahu, Haw	3 Nov 47	Co A(-)	Olaa, Hawaii	12 Nov 47
Btry C	Bellows AFS, Waimanalo, Oahu, Haw	29 Jun 48	1st Rifle Plat Co A	Pahala, Hawaii	13 Jul 47
Btry D	Bellows AFS, Waimanalo, Oahu, Haw	18 Aug 47	Co B	Hilo, Hawaii	5 May 47
2nd Msl Bn (Nike Hercules)	298th Arty		Co C(-)	Laupahoehoe, Hawaii	12 Jul 47
HQ & HQ Btry	Wahiawa, Oahu, Haw	11 Aug 47	1st Rifle Plat & Wpns		
Btry A	Ewa, Oahu, Haw	10 May 48	Plat Co C	Kohala, Hawaii	3 Jun 47
Btry B	Wahiawa, Oahu, Haw	15 Sep 47	Co D	Honokaa, Hawaii	16 Jul 47
Btry C	Dillingham AFS, Waiialua, Oahu, Haw	17 Nov 47	Co E	Kealakekua, Hawaii	15 Aug 47
Btry D	Ewa, Oahu, Haw	15 Dec 47	Cmbt Spt Co	Hilo, Hawaii	2 Mar 47
			284th Trans Co	Hilo, Hawaii	20 Nov 46

### AIR NATIONAL GUARD

Unit	Station	Date of Fed Recog	Off	Strength WO	Amn	Aggr
Headquarters, Hawaii Air National Guard	Fort Ruger, Oahu	1 Jan 52	9	1	4	14
154th Fighter Group (Air Defense)	Hickam AFB, Oahu	1 Dec 60	58	0	487	545
(Headquarters, 154th Fighter Group (Air Defense))	(Hickam AFB, Oahu)	(1 Dec 60)	(13)	(0)	(49)	(62)
(154th Air Base Squadron)	(Hickam AFB, Oahu)	(1 Dec 60)	(3)	(0)	(64)	(67)
(154th Consolidated Aircraft Maintenance Squadron)	(Hickam AFB, Oahu)	(1 Dec 60)	(4)	(0)	(253)	(257)
(154th United States Air Force Dispensary)	(Hickam AFB, Oahu)	(1 Dec 60)	(1)	(0)	(8)	(9)
(154th Materiel Squadron)	(Hickam AFB, Oahu)	(1 Dec 60)	(5)	(0)	(98)	(103)
(199th Fighter Interceptor Squadron)	(Hickam AFB, Oahu)	(4 Nov 46)	(32)	(0)	(15)	(47)
109th Aircraft Control and Warning Squadron (Fixed)	Punamano AFS, Oahu	4 Dec 50	24	0	173	197
	(Punamano AFS, Oahu)		(11)	(0)	(72)	(83)
Detachment 1	Kohee AFS, Kauai		(13)	(0)	(101)	(114)
169th Aircraft Control and Warning Squadron (Fixed)	Koko Crater AFS, Oahu	7 Oct 56	22	0	147	169
199th Weather Flight (Forecasting & Observing)	Hickam AFB, Oahu	4 Nov 46	3	0	10	13
			116	1	821	938

## PLATE III—OFFICER GAINS AND LOSSES

### AIR NATIONAL GUARD

Unit	Strength 30 Jun 60	Apt	Trf	Total Gains	Dish	Trf	Other	Total Losses	Net Gain or Loss	Strength 30 Jun 61
HQ HANG	10	-	3	3	1	2	0	3	0	10
154th Fi Gp (AD)	50	5	27	32	1	23	0	24	8	58
(Hq 154th Fi Gp (AD))	(0)	(0)	(13)	(13)	(0)	(0)	(0)	(0)	(+13)	(13)
(154th ABRON)	(0)	(0)	(4)	(4)	(0)	(1)	(0)	(1)	(+3)	(3)
(154th CAMRON)	(0)	(1)	(3)	(4)	(0)	(0)	(0)	(0)	(+4)	(4)
(154th USAF Disp)	(0)	(0)	(1)	(1)	(0)	(0)	(0)	(0)	(+1)	(1)
(154th MATRON)	(0)	(0)	(6)	(6)	(0)	(1)	(0)	(1)	(+5)	(5)
(199th FIS)	(39)	(4)	(0)	(4)	(1)	(10)	(0)	(11)	(-7)	(32)
(199th SuppS)	(11)	(0)	(0)	(0)	(0)	(11)	(0)	(11)	(-11)	(0)
109th ACWRON (F)	24	5	0	5	2	3	0	5	0	24
169th ACWRON (F)	23	4	0	4	3	1	1	5	-1	22
199th Wea Flt (F&O)	4	0	0	0	1	0	0	1	-1	3
TOTALS	111	14	30	44	8	29	1	38	+6	117

NOTE: Includes 2 WO 30 Jun 60 and 1 WO 30 Jun 61.

PLATE III CONTINUED

Unit	ARMY NATIONAL GUARD GAINS				LOSSES				Net Gain or Loss
	Apt	Trf	Inact NG	Total Gains	Disc	Trf	Inact NG	Total Losses	
HQ & HQ Det HARNG.....	2	2	-	4	2	-	-	2	+2
120th MP Co.....	1	-	-	1	1	-	-	1	-
613th Ord Co.....	3	-	-	3	-	1	-	1	+2
117th Pub Info Det.....	-	-	-	-	-	-	-	-	-
227th Engr Bn.....	2	-	-	2	4	-	1	5	-3
298th Arty Gp.....	3	-	1	4	5	2	1	8	-4
29th Inf Bde.....	10	1	2	13	5	-	6	11	+2
<b>TOTAL HARNG.....</b>	<b>21</b>	<b>3</b>	<b>3</b>	<b>27</b>	<b>17</b>	<b>3</b>	<b>8</b>	<b>28</b>	<b>-1</b>

PLATE IV—SOURCE OF OFFICER APPOINTMENTS

ARMY NATIONAL GUARD			
FROM OFFICERS		FROM EM OF HARNG	
USAR	NG	Others	Sp OCS
10	1	4	6

PLATE V—OFFICER SEPARATIONS

ARMY NATIONAL GUARD			
Total	Resig	W/D of Fed Recog	Other
21	14	2	1

PLATE VI—WARRANT OFFICER GAINS AND LOSSES

Unit	ARMY NATIONAL GUARD GAINS				LOSSES				Net Gain or Loss
	Apt	Trf	Inact NG	Total Gains	Disc	Trf	Inact NG	Total Losses	
HQ & HQ Det HARNG.....	-	-	-	-	-	-	-	-	-
613th Ord Co.....	-	-	-	-	-	-	-	-	-
111th Army Band.....	-	-	-	-	-	-	-	-	-
227th Engr Bn.....	-	-	-	-	-	-	-	-	-
298th Arty Gp.....	6	-	-	6	-	-	1	1	+5
29th Inf Bde.....	-	-	-	-	-	-	-	-	-
<b>TOTAL HARNG.....</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>6</b>	<b>-</b>	<b>-</b>	<b>1</b>	<b>1</b>	<b>+5</b>

PLATE VII—ENLISTED PERSONNEL GAINS AND LOSSES

Unit	ARMY NATIONAL GUARD GAINS				LOSSES				Net Gain or Loss
	Enl and Reenl	Trf	Inact NG	Total Gains	Disc	Trf	Inact NG	Total Losses	
HQ & HQ Det HARNG.....	1	3	-	4	7	-	1	8	-4
120th MP Co.....	12	2	-	14	25	2	2	29	-15
613th Ord Co.....	8	6	-	14	15	7	3	25	-11
111th Army Band.....	1	2	1	4	3	-	1	4	-
117th Pub Info Det.....	-	-	-	-	-	-	-	-	-
227th Engr Bn.....	39	48	-	87	86	18	4	108	-21
298th Arty Gp.....	145	22	4	171	144	36	17	197	-26
29th Inf Bde.....	299	74	10	333	326	44	43	413	-80
<b>TOTAL HARNG.....</b>	<b>505</b>	<b>107</b>	<b>15</b>	<b>627</b>	<b>606</b>	<b>107</b>	<b>71</b>	<b>740</b>	<b>-157</b>

Footnotes: Reenlistments without break in service and discharges with immediate reenlistments are not included above. Transfers indicate individuals within the Hawaii Army National Guard.

AIR NATIONAL GUARD

Unit	Strength 30 Jun 60	Prior Svc Enl	Non-prior Service Enl	Trf	Total Gains	ETS	Disch	Trf	Other	Total Losses	Net Gain or Loss	Strength 30 Jun 61
HQ HANG.....	6	0	1	2	3	0	1	4	-	5	-2	4
154th Fi Gp (AD).....	470	47	32	502	581	13	52	498	1	564	+17	487
(Hq 154th Fi Gp (AD))	(0)	(2)	(6)	(48)	(56)	(0)	(3)	(4)	(0)	(7)	(+49)	(49)
(154th ABRON).....	(0)	(1)	(0)	(70)	(71)	(1)	(1)	(5)	(0)	(7)	(+64)	(64)
(154th CAMRON).....	(0)	(15)	(7)	(256)	(278)	(2)	(17)	(6)	(0)	(25)	(+253)	(253)
(154th USAF Disp).....	(0)	(2)	(0)	(7)	(9)	(0)	(0)	(1)	(0)	(1)	(+8)	(8)
(154th MATRON).....	(0)	(3)	(4)	(108)	(115)	(3)	(8)	(6)	(0)	(17)	(+98)	(98)
(199th FIS).....	(235)	(18)	(3)	(12)	(33)	(6)	(10)	(236)	(1)	(253)	(-220)	(15)
(199th SuppS).....	(235)	(6)	(12)	(1)	(19)	(1)	(13)	(240)	(0)	(254)	(-235)	(0)
109th ACWRON (F).....	149	55	8	3	66	3	31	8	0	42	+24	173
169th ACWRON (F).....	152	4	18	5	27	11	19	2	0	32	-5	147
199th Wea Flt (F&O).....	11	0	1	0	1	0	2	0	0	2	-1	10
<b>TOTALS.....</b>	<b>788</b>	<b>106</b>	<b>60</b>	<b>512</b>	<b>678</b>	<b>27</b>	<b>105</b>	<b>512</b>	<b>1</b>	<b>645</b>	<b>+33</b>	<b>821</b>

NOTE: Does not include Status Changes: 161 ETS Re-enl, 10 Svc Sch Re-enl, 10 Ext Enl.

## PLATE VIII—SOURCE OF ENLISTMENTS

### ARMY NATIONAL GUARD

Unit	Non-Prior Svc Personnel Rqr 6 Mos ADT	Prior Svc Personnel	Reenl With Break In NG Svc	All Others	Total
HQ & HQ Det HARNG.....	—	1	—	—	1
120th MP Co.....	10	1	1	—	12
613th Ord Co.....	5	2	—	1	8
111th Army Band.....	—	—	—	1	1
117th Pub Info Det.....	—	—	—	—	—
227th Engr Bn.....	23	6	2	8	39
298th Arty Gp.....	109	24	3	9	145
29th Inf Bde.....	242	37	6	14	299
<b>Total HARNG.....</b>	<b>389</b>	<b>71</b>	<b>12</b>	<b>33</b>	<b>505</b>

## PLATE IX—ENLISTED PERSONNEL DISCHARGES

### ARMY NATIONAL GUARD

Unit	Enl in Res Comp	Continued Absence	ETS not Reenl	Incompatible Occupation	Removal of Residence	All Others	Total
HQ & HQ Det HARNG.....	—	3	—	2	2	—	7
120th MP Co.....	1	5	11	3	2	3	25
613th Ord Co.....	—	—	6	2	4	3	15
111th Army Band.....	1	—	—	1	1	—	3
117th Pub Info Det.....	—	—	—	—	—	—	—
227th Engr Bn.....	6	9	39	7	13	12	86
298th Arty Gp.....	19	9	41	20	23	32	144
29th Inf Bde.....	29	41	140	18	22	76	326
<b>Total HARNG.....</b>	<b>56</b>	<b>67</b>	<b>237</b>	<b>53</b>	<b>67</b>	<b>126</b>	<b>606</b>
<b>Percent.....</b>	<b>9.2</b>	<b>11.2</b>	<b>39.1</b>	<b>8.7</b>	<b>11.0</b>	<b>20.7</b>	

Footnote: Discharges from active NG only.

## PLATE X—REENLISTMENT RATE

### ARMY NATIONAL GUARD

Unit	Number Discharged For ETS	Number Reenlisted	Number Not Reenlisted	Reenlistment Rate %
HQ & HQ Det HARNG.....	14	14	—	100%
120th MP Co.....	35	24	11	69%
613th Ord Co.....	27	21	6	78%
111th Army Band.....	9	9	—	100%
117th Pub Info Det.....	—	—	—	—
227th Engr Bn.....	111	76	35	68%
298th Arty Gp.....	199	158	41	79%
29th Inf Bde.....	520	380	140	73%
<b>Total HARNG.....</b>	<b>915</b>	<b>682</b>	<b>233</b>	<b>74%</b>

### AIR NATIONAL GUARD

Unit	Number Discharged Per ETS	Number Re-enl	Number Not Re-enl	Re-enl Rate %
HQ HANG.....	1	1	0	100%
154th Fi Gp (AD).....	90	77	13	86%
(Hq 154th Fi Gp (AD)).....	(5)	(5)	(0)	
(154th ABRON).....	(7)	(6)	(1)	
(154th CAMRON).....	(22)	(20)	(2)	
(154th USAF Disp).....	(0)	(0)	(0)	
(154th MATRON).....	(19)	(16)	(3)	
(199th FIS).....	(21)	(15)	(6)	
(199th SuppS).....	(16)	(15)	(1)	
109th ACWRON (F).....	50	47	3	94%
169th ACWRON (F).....	46	35	11	76%
199th Wea Flt (F&O).....	1	1	0	100%
<b>TOTALS.....</b>	<b>188</b>	<b>161</b>	<b>27</b>	<b>86%</b>



## PLATE XI—ARMY SERVICE SCHOOLS

OFF	WO	EM	Course	School
		2	Btry Terminal Equip Maint	US Army Air Def Sch, Ft Bliss, Tex
7			Assoc Air Def Off Career	US Army Air Def Sch, Ft Bliss, Tex
1			SAM Maint Off	US Army Air Def Sch, Ft Bliss, Tex
		2	15D2 Radar Sig Simulator Maint	US Army Air Def Sch, Ft Bliss, Tex
3			Nike Universal Off Qualification	US Army Air Def Sch, Ft Bliss, Tex
	1	2	Nike Universal FCS Maint	US Army Air Def Sch, Ft Bliss, Tex
	5	11	Nike System Electronic Warfare	US Army Air Def Sch, Ft Bliss, Tex
4			Assoc Inf Off Career	US Army Inf Sch, Ft Benning, Ga
1			Inf Off Orientation	US Army Inf Sch, Ft Benning, Ga
		5	Special NG Inf OCS	US Army Inf Sch, Ft Benning, Ga
		1	Inf Radio Maint	US Army Inf Sch, Ft Benning, Ga
1			Engr Off Orientation	US Army Engr Sch, Ft Belvoir, Va
		1	Construction Drafting	US Army Engr Sch, Ft Belvoir, Va
		2	Engr Supply	US Army Engr Sch, Ft Belvoir, Va
		3	GM Instal Elect Equip Repair	US Army Engr Sch, Ft Belvoir, Va
		1	Cmbt Engr, Bridging & Constr Supv	US Army Engr Sch, Ft Belvoir, Va
	1		Supply and Repair Parts Off	US Army Engr Sch, Ft Belvoir, Va
		1	Radio Teletype Operation	US Army Signal Sch, Ft Monmouth, N.J.
1			Signal Off Orientation	US Army Signal Sch, Ft Monmouth, N.J.
1			Nuclear Weapons Employment	US Army Command & Gen Staff College, Ft Leavenworth, Kansas
1			Special Info Crs for RC Off	US Army Command & Gen Staff College, Ft Leavenworth, Kansas
		1	Aircraft Maint	US Army Aviation Sch, Ft Rucker, Ala
		2	Recon Helicopter Maint	US Army Aviation Sch, Ft Rucker, Ala
3			Off Rotary Wing Qualification	US Army Aviation Sch, Camp Wolters, Tex
1			CGUSARSIX Civ Contract Instrument	Ross Aviation Sch, Metropolitan Oakland Inter Airport, Oakland, Calif
	1		Automotive Maint & Repair	US Army Ord Sch, APG, Md
		1	Info Specialist	US Army Info Sch, Ft Slocum, N.Y.
1			NG JAG Refresher	US Army JAG Sch, Charlottesville, Va
1			International Law	US Army JAG Sch, Charlottesville, Va
		1	Armor NCO	US Army Armor Sch, Ft Knox, Kentucky
1			Recon, Utility & Cargo, Helicopter Rep	US Army Trans Sch, Ft Eustis, Va
2			Assoc QM Off Career	US Army QM Sch, Ft Eustis, Va
1			CBR Weapons Orientation	Dugway Proving Grounds, Dugway, Utah
	1	2	Selective Service Conference 2	US Naval Amphibious Base, San Diego, Calif
	1	2	Selective Service Conference 7	Columbia River Group, Pac Res Flt, Tongue Point, Astoria, Oregon
1			Management of Mass Casualties	Walter Reed Army Institute, WRAMC, Wash, D.C.
6	2	73	Package No 24-NG(H) & TTS	Ft Bliss, Texas
16	12	159	Annual Service Practice	Ft McGregor Range, New Mexico

### LOCAL SCHOOL

9			Weapons Orientation Presentation	Camp H. M. Smith
1	19		Radiological Monitoring & Survey	Schofield Barracks

TOTAL ATTENDANCE MAINLAND SERVICE SCHOOLS FY 1961..... 349  
 Officers.....53                      Warrant Officers.....24                      Enlisted Men.....272

TOTAL ATTENDANCE USARHAW SCHOOLS FY 1961..... 29

GRAND TOTAL ATTENDANCE ARMY SERVICE SCHOOLS FY 1961..... 378

### COMPARISON OF ATTENDANCE IN ARMY AREA AND ARMY SERVICE SCHOOLS:

1949	1950	1951	1952	1953	1954	1955	1956	1957	1958	1959	1960	1961
144	245	279	166	144	136	133	152	168	133	201	435	378

## PLATE XII—ANG SERVICE SCHOOLS

Off	Amn	School	Off	Amn	School
1		ANG Jet Instrument School, Ellington AFB, Texas	1		Weather Observer, Chanute AFB, Illinois
3		Aircraft Radio Repairman, Keesler AFB, Miss	20		ACW Operator, Keesler AFB, Mississippi
1		Aircraft Elct Nav Repairman, Keesler AFB, Miss	2		Comm Center Specialist, Sheppard AFB, Texas
3		Ground Comm Repairman (L), Keesler AFB, Miss	6		ACW Radar Repairman, Keesler AFB, Mississippi
5		Guidance Syst Mechanic (GARS), Lowry AFB, Colo	2		Radio Relay Eqp Repairman, Keesler AFB, Miss
6		Weapons Control Syst Mechanic, Lowry AFB, Colo	1		Comm & Relay Cen Eqp Repmn (E-M), Sheppard AFB, Texas
1		Comm & Relay Cen Eqp Repmn, Sheppard AFB, Tex	1		Manual Central Office Eqp Spec
1		Photographic Repairman, Lowry AFB, Colorado	1		Cook
2		Acft & Msl Gnd Supp Eqp Repmn, Chanute AFB, Ill	2		Weapons Controller, Tyndall AFB, Florida
1		Instrument Repairman, Chanute AFB, Illinois	3		PACAF Disaster Control Sch, Yamato AS, Japan
12		Aircraft Mech Jet Fighter, Amarillo AFB, Texas	—		
2		Jet Engine Mechanic, Amarillo AFB, Texas	6	79	
4		Weapons Mechanic, Lowry AFB, Colorado			
1		Fire Protection Specialist, Lowry AFB, Colorado	83		USAF Basic Training, Lackland AFB, Texas
1		Parachute Rigger, Chanute AFB, Illinois			
1		Warehousing Specialist, Amarillo AFB, Texas			
1		Inventory Mgmt Specialist, Amarillo AFB, Texas			

Extension Course Enrollment total 165. 154th Ftr Gp(AD) 99, 109th ACW Sq 51, 169th ACW Sq 15.

## PLATE XIII—ARMY EXTENSION COURSE ENROLLMENT

OFF	WO	EM	Course	School
2			Company Officer Extension Course	US Army Armor Sch, Ft Knox, Ky
6	1	8	Special Extension Course	US Army Arty & Msl Sch, Ft Sill, Okla
12			Battery Grade Extension Course	US Army Arty & Msl Sch, Ft Sill, Okla
7			Advanced Extension Course	US Army Arty & Msl Sch, Ft Sill, Okla
		3	Preparatory Course	US Army Arty & Msl Sch, Ft Sill, Okla
3	1	4	Special Extension Course	US Army Engineer Sch, Ft Belvoir, Va
7			Company Officer Extension Course	US Army Engineer Sch, Ft Belvoir, Va
		1	Basic Extension Course	US Army Engineer Sch, Ft Belvoir, Va
1			Off Career Extension Course	US Army Finance Sch, Ft Benj Harrison, Ind
		58	Pre-Commission Extension Course	US Army Inf Sch, Ft Benning, Ga
53			Officer Career Extension Course	US Army Inf Sch, Ft Benning, Ga
22			Advanced Extension Course	US Army Inf Sch, Ft Benning, Ga
		18	NCO Leadership & Career Development Course	US Army Inf Sch, Ft Benning, Ga
2	2	1	Special Extension Course	US Army Ordnance Sch, APG, Md
1			Company Officer Extension Course	US Army Ordnance Sch, APG, Md
1			Advanced Extension Course	US Army Ordnance Sch, APG, Md
1		5	Special Extension Course	Provost Marshal Gen Sch, Camp Gordon, Ga
		3	Special Extension Course	US Army Signal Sch, Ft Monmouth, N.J.
7			Company Officer Extension Course	US Army Signal Sch, Ft Monmouth, N.J.
2			Company Officer Extension Course	US Army Transportation Sch, Ft Eustis, Va
3			USA C&GS Extension Course	US Army Command & Gen Staff College, Ft Leavenworth, Kansas
1	1	2	USA AG's Extension Course	US Army Adjutant General's Sch, Ft Benjamin Harrison, Ind
2		2	USA Med Svc Extension Course	US Army Med Svc Sch, Army Medical Center, Ft Sam Houston, Tex
6			Selective Svc Sys Extension Course	Selective Service System, Wash, D.C.

### COMPARISON OF PERSONNEL ENROLLED IN ARMY EXTENSION COURSE:

1953	1954	1955	1956	1957	1958	1959	1960	1961
182	289	237	198	172	248	231	228	249

## PLATE XIV—FEDERAL FUNDS EXPENDED

### FEDERAL FUNDS EXPENDED IN SUPPORT OF THE HAWAII ARMY NATIONAL GUARD, FISCAL YEAR 1961

Funds Allotted to HARNG	Funds Available	Funds Obligated	Per Cent Obligated
Pay & Allowances:.....	\$3,812,295	\$3,789,443.50	99.4
Civilian Personnel Services.....	3,191,900	3,185,672.35	99.8
Military Personnel Services.....	215,095	212,995.50	99.0
Other.....	8,700	7,950.00	91.4
Field Training.....	396,600	382,835.65	96.5
Transportation & Travel.....	174,590	172,118.35	98.5
Personnel Travel.....	113,490	111,103.85	97.8
Supplies & Equipment.....	3,200	3,140.39	98.1
Field Training			
Personnel.....	17,900	17,874.11	99.8
Supplies & Equipment.....	40,000	40,000.00	100
Subsistence Supplies.....	77,000	69,780.06	90.6
Field Training.....	56,500	51,014.09	90.3
Armory Training.....	20,420	18,765.97	91.8
Other.....	80	—	—
Supplies & Services.....	319,250	313,864.25	98.3
Clothing & Equipage.....	31,570	31,194.33	98.8
Organizational Equipment.....	122,450	119,080.19	97.2
Repair Parts.....	85,570	85,029.93	99.4
Petroleum, Oil & Lubricants.....	53,680	53,506.18	99.7
Miscellaneous Supplies.....	10,680	10,566.44	98.9
Miscellaneous Services.....	9,200	8,962.83	97.4
Field Training.....	6,100	5,524.35	90.5
Building & Utilities.....	86,580	82,756.37	95.5
Maintenance & Repairs.....	31,520	29,654.91	94.1
Service Contract.....	51,200	49,304.35	96.2
Communication Services.....	3,860	3,797.11	98.4
Construction.....	114,777	114,777.00	100
Armory Construction.....	114,777	114,777.00	100
Non-armory Construction.....	—	—	—
<b>Total Federal Fund Support for Hawaii Army National Guard.....</b>	<b>\$4,584,492</b>	<b>\$4,542,739.53</b>	<b>99.1</b>

## PLATE XV—STATE PAID EMPLOYEES BY TYPE AND DISTRIBUTION

### Military Division

No. of Positions	Type of Position	Classification	Using Agency or Activity
1	Adjutant General	Maj Gen	Command & Administrative Section
1	Executive Officer	Colonel	Command & Administrative Section
1	Administrator	SR 13	Command & Administrative Section
1	Administrative Secretary	SR 11	Command & Administrative Section
1	Chauffeur	SR 5	Command & Administrative Section
1	Messenger	SR 1	Command & Administrative Section
1	Air Staff Officer	Colonel	Air Staff Section, AGO
1	Military Personnel Officer	Lt Col	Personnel Section, AGO
1	Assistant Military Personnel Officer	SR 21	Personnel Section, AGO
1	Clerk	SR 6	Personnel Section, AGO
1	Typist	SR 6	Personnel Section, AGO
1	Clerk	SR 5	Personnel Section, AGO
1	Typist	SR 4	Personnel Section, AGO
1	Brigade Commander	Lt Col	Headquarters, 29th Inf Bde
1	Clerk-Stenographer	SR 8	Personnel Section, 29th Inf Bde
2	Adm, Maint & Supply Officer	SR 18	Personnel Section, 1st BG 299th Inf
1	Military Administrative Technician	SR 7	Personnel Section, 1st BG 299th Inf
2	Typist	SR 6	Personnel Section, 1st BG 299th Inf
1	Clerk	SR 8	Personnel Section, 1st BG 299th Inf
1	Typist	SR 4	Personnel Section, 1st BG 299th Inf
1	Clerk	SR 5	Personnel Section, 298th AAA Group
1	Public Information Officer	SR 20	Public Information Office, AGO
1	Public Information Technician	SR 16	Public Information Office, AGO
1	Military Plans & Training Officer	Lt Col	Plans & Training Section, AGO
1	Asst Military Plans & Training Officer	SR 21	Plans & Training Section, AGO
1	Clerk-Stenographer	SR 6	Plans & Training Section, AGO
1	Typist	SR 6	Plans & Training Section, AGO
1	Fiscal Officer	Lt Col	Fiscal Section, AGO
1	Asst Personnel & Fiscal Officer	SR 21	Fiscal Section, AGO
1	Purchasing Agent	SR 15	Fiscal Section, AGO
1	Typist	SR 8	Fiscal Section, AGO
1	Contracting & Engineering Officer	Lt Col	Contracting & Engineering Sec, AGO
1	Architectural Draftsman	SR 15	Contracting & Engineering Sec, AGO
1	Typist	SR 6	Contracting & Engineering Sec, AGO
1	Asst Military Property & Supply Officer	SR 17	Office of the USP&FO
1	Asst Warehouse Supervisor	SR 13	Office of the USP&FO
1	Storekeeper	SR 8	Office of the USP&FO
1	Typist	SR 6	Office of the USP&FO
1	Automotive Mechanic	SR 13	Automotive Maintenance Section
2	Automotive Mechanic	SR 11	Automotive Maintenance Section
8	Patrolman	SR 8	Installation Security Section
1	Maintenance Superintendent	SR 21	Building & Grounds Maintenance Sec
1	Asst Maintenance Superintendent	SR 16	Building & Grounds Maintenance Sec
1	Plumber	SR 12	Building & Grounds Maintenance Sec
2	Electrician	SR 12	Building & Grounds Maintenance Sec
2	Carpenter	SR 11	Building & Grounds Maintenance Sec
1	Equipment Operator	SR 11	Building & Grounds Maintenance Sec
1	Building Maintenceman	SR 10	Building & Grounds Maintenance Sec
5	Building Maintenceman Helper	SR 7	Building & Grounds Maintenance Sec
1	Mechanical Handyman	SR 7	Building & Grounds Maintenance Sec
1	Equipment Operator	SR 7	Building & Grounds Maintenance Sec
1	General Laborer	SR 7	Building & Grounds Maintenance Sec
1	Tractor Mower Operator	SR 6	Building & Grounds Maintenance Sec
10	General Laborer	SR 5	Building & Grounds Maintenance Sec
5	General Laborer	SR 3	Building & Grounds Maintenance Sec
2	Groundskeeper	SR 3	Building & Grounds Maintenance Sec
8	Janitor	SR 3	Building & Grounds Maintenance Sec
1	Janitor	SR 1	Building & Grounds Maintenance Sec
1	Truck Driver	SR 7	Building & Grounds Maintenance Sec

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### Civil Defense Division

1	Vice Director of Civil Defense	SR 27	Civil Defense
1	Operations and Training Officer	SR 24	Civil Defense
1	Logistics and Supply Specialist	SR 20	Civil Defense
1	Health & Medical Services Asst	SR 17	Civil Defense
1	Information Specialist	SR 15	Civil Defense
1	Accountant	SR 15	Civil Defense
1	Stenographer	SR 9	Civil Defense
1	Stenographer	SR 7	Civil Defense

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