

REPORT

OF THE

ADJUTANT GENERAL

OF THE

STATE OF COLORADO

1979



JOHN L. FRANCE

BRIGADIER GENERAL
THE ADJUTANT GENERAL

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ADJUTANTS-GENERAL OF COLORADO 1861 - 1979

Brigadier General Richard E. Whitsit	1861-1862
Brigadier General David H. Moffatt	1862-1865
Colonel Leavitt L. Bowen, Aide-de-camp and	
Commander-in-Chief	1865-1866
Brigadier General Lewis N. Tappan	1866-1867
Brigadier General Hal Sayre	1867-1872
Brigadier General W. R. Thomas	1872-1874
Brigadier General Champion Vaughn	1874-1875
	1875-1879
Brigadier General Frank Hall	1879-1881
	1881-1883
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Brigadier General Benjamin F. Klee	1889-1891
	1891-1893
Brigadier General T. J. Tarsney	1893-1895
Brigadier General Cassius M. Moses	1895-1898
Brigadier General Lewis Barnum	1898-1899
Brigadier General J. C. Overmeyer	1899-1901
Brigadier General George F. Gardner	1901-1903
Brigadier General Sherman Bell	1903-1905
Brigadier General Bulkeley Wells	1905-1907
Brigadier General Carleton A. Kelley	1907-1909
Brigadier General John Chase	1909-1916
Brigadier General Harry P. Gamble	1916-1917
Major General (US Army, ret.) Frank D. Baldwin	1917-1919
Colonel William Spangler	1919-1921
Colonel Patrick J. Hamrock	1921-1923
Colonel Paul P. Newton	1923-1931
Brigadier General W. C. Danks	1931-1934
Brigadier General Neil W. Kimball	1934-1937
Brigadier General Alphonse P. Ardourel	1937-1939
Brigadier General Harold H. Richardson	1939-1943
Brigadier General Frazier Arnold	1943-1946
Major General Irving O. Schaefer	1947-1959
Major General Robert D. Charlton	959-1960
Major General Joe C. Moffitt	1960-1974
Major General William D. Weller	1974-1979
Brigadier General John L. France	979-

STATE OF COLORADO

DEPARTMENT OF MILITARY AFFAIRS

300 Logan Street Denver, Colorado 80203 Phone (303) 733-2431 Autovon 887-1420

COTAG

1 July 1980

Richard D. Lamm Governor

Brig. Gen. John L. France The Adjutant General

Colonel Paul A. Parsons Deputy Adjutant General

The Honorable Richard D. Lamm Governor of Colorado and Commander-In-Chief, Colorado National Guard State Capitol Denver, Colorado

Dear Governor Lamm:

Pursuant to the provisions of Title 28, Article 3, Section 106, Colorado Revised Statutes 1973, it is my pleasure to forward the Annual Report of the Department of Military Affairs for the Calendar Year 1979.

This report describes the programs and accomplishments of the Colorado Army and Air National Guard in satisfying the responsibilities of our State and Federal missions, and recounts major operations, activities and achievements of the Division of Emergency Services and Civil Air Patrol. It also provides permanent reference of an historical value.

I wish to express my thanks and appreciation to you and the members of the legislature for the support of the Colorado Department of Military Affairs.

Respectfully,

JOWN 2. FRANCE Brigad er General The Adjutant General

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Authority



Responsibility

The drafters of the Constitution of the United States, recognizing the need for the militia (now known as the National Guard), included the following in Article III, Section 8;

"The Congress shall have power to provide for calling forth the Militia to execute the laws of the Union, suppress Insurrections and repel Invasions;

To provide for organizing, arming, and disciplining, the Militia, and for governing such Part of them as may be employed in the Service of the United States, reserving to the States respectively, the Appointment of the Officers, and the Authority of training the Militia according to the discipline prescribed by Congress..."

The authors of the Colorado Constitution also recognized the need for the militia and included Article XVIII which reads:

"Section 1. Persons subject to service. The Militia of the State shall consist of all able-bodied male residents of the state between the ages of eighteen and forty-five years; except, such persons as may be exempted by the laws of the United States, or of the state.

Section 2. Organization - equipment - discipline. The organization, equipment and discipline of the militia shall conform as nearly as practicable to the regulations for the government of the armies of the United States.

Section 3. Officers - how chosen. The governor shall appoint all general, field, and staff officers and commission them. Each company shall elect its own officers, who shall be commissioned by the governor; but if any company shall fail to elect such officers within the time prescribed by law, they may be appointed by the governor.

Section 4. Armories. The general assembly shall provide for the safekeeping of the public arms, military records, relics and banners of the state.

Section 5. Exemption in time of peace. No person having conscientious scruples against bearing arms, shall be compelled to do militia duty in time of peace; provided, such person shall pay an equivalent for such exemption."

In further implementing its constitutional authority, Congress enacted Title 32, United States Codes, which is entitled 'NATIONAL GUARD' of which the following extracts are particularly significant:

"Section 102. General policy

In accordance with the traditional military policy of the United States, it is essential that the strength and organization of the Army National Guard and the Air National Guard as an integral part of the first line defenses of the United States be maintained and assured at all times. Whenever Congress determines that more units and organizations are needed for the national security than are in the regular components of the ground and air forces, the Army National Guard of the United States and the Air National Guard of the United States, or such parts of them as are needed, together with such units of other reserve components as are necessary for a balanced force, shall be ordered to active Federal duty and retained as long as so needed. Aug. 10, 1956, c. 1041, 70A Stat. 597."

"Section 106. Annual appropriations

Sums will be appropriated annually, out of any money in the Treasury not otherwise appropriated, for the support of the Army National Guard and the Air National Guard, including the issue of arms, ordnance stores, quartermaster stores, camp equipage, and other military supplies, and for the payment of other expenses authorized by law. Aug. 10, 1956, c. 1041, 70A Stat. 599."

"Section 108. Forfeiture of Federal benefits

If, within a time to be fixed by the President, a State does not comply with or enforce a requirement of, or regulation prescribed under its title, its National Guard is barred, wholly or partly as the President may prescribe, from receiving money or any other aid, benefit, or privilege authorized by law. Aug. 10, 1956, c. 1041, 70A Stat. 600."

The Colorado General Assembly has further implemented provisions of the Colorado Constitution through enactment of laws now contained in Title 28, Article 3, Colorado Revised Statutes 1973.

In further recognition of the need and responsibility of the State to protect its citizens in times of emergency, the General Assembly enacted the Colorado Disaster Emergency Act of 1973, from which the following is extracted:

"28-2-102. Purposes and limitations. (1) The purposes of this part 1 are to:

- (a) Reduce vulnerability of people and communities of this state to damage, injury, and loss of life and property resulting from natural or manmade catastrophes, civil disturbance, or hostile military or paramilitary action;
- (b) Prepare for prompt and efficient search, rescue, recovery, care, and treatment of persons lost, entrapped, victimized, or threatened by disasters or emergencies;

- (c) Provide a setting conducive to the rapid and orderly start of restoration and rehabilitation of persons and property affected by disasters;
- (d) Clarify and strengthen the roles of the governor, state agencies, and local governments in prevention of, preparation for, response to, and recovery from disasters;
- (e) Authorize and provide for cooperation in disaster prevention, preparedness, response, and recovery;
- (f) Authorize and provide for coordination of activities relating to disaster prevention, preparedness, response, and recovery by agencies and officers of this state and similar state-local, interstate, federal-state, and foreign activities in which the state and its political subdivisions may participate;
- (g) Provide a disaster and emergency management system embodying all aspects of predisaster, preemergency preparedness, postdisaster, and postemergency response; and
- (h) Assist in prevention of disasters caused or aggravated by inadequate planning for regulation of public and private facilities and land use."

The Administrative Organization Act of 1968 as amended created the Department of Military Affairs, with the following organizational elements:

OFFICE OF THE ADJUTANT GENERAL

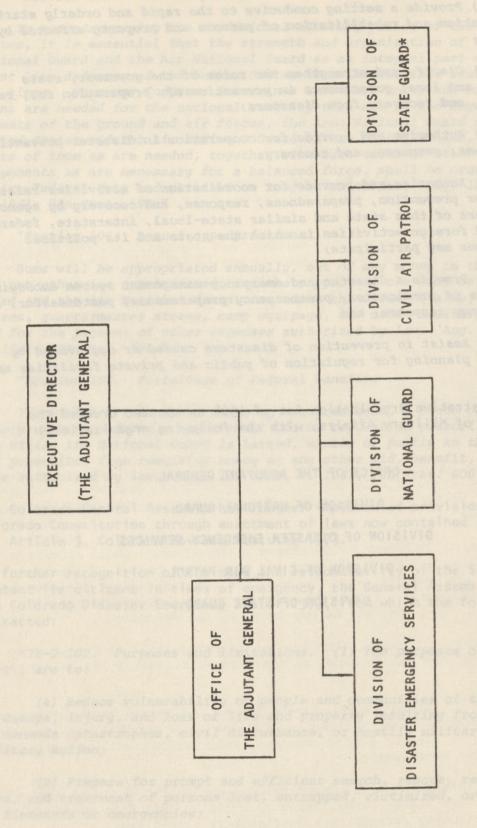
DIVISION OF NATIONAL GUARD

DIVISION OF DISASTER EMERGENCY SERVICES

DIVISION OF CIVIL AIR PATROL

DIVISION OF STATE GUARD

Department Of Willitary Affairs



* Not organized unless National Guard is mobilized for Federal service.

The State Budget

State support of the Department is provided through appropriation by the Joint Budget Committee. Funding provides for a total of 34.2 State employees and 8 federal contract employees. Maintenance and operation of expenditures and revenues for FY 1978-1979 are shown below.

State Funding Sources and Expenditures from July 1, 1978 to June 30, 1979

FUNDING	SOURCES:		

General	Fund	\$920,967
Federal	Funds	706,333

TOTAL	FUNDS			\$1,627,300
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EXPENDITURES

Division of National Guard:

Personal Services (25.2 FIE) \$443,003	
Operating Expenses 184,474	
Travel 1,302	
Capital Outlay 4,052	
Controlled Maintenance 33,594	
Utilities	379,839

Division of Disaster Emergency Services:

Personal Services (8.0 FTE)	\$151,078	
Operating Expenses	11,964	
Travel	1,633	
Utilities	5,068	
Federal Contracts	248,097	
Federal Flow-Thru	250,490	668,330

Division of Civil Air Patrol:

Personal Services (1.0 FTE)	\$ 15,385	
Operating Expenses	40,229	
Travel	1,132	
Workmans Compensation Premium	22,385	79,131
TOTAL EXPENDITURES		\$1 627 200

Engineering & Facilities

Within the Office of the Adjutant General, Department of Military Affairs, the Engineering and Facilities Section has overall direct responsibility for the management of approximately 170 Army National Guard (ARNG) facilities totaling in excess of 900,000 gross square feet with an assessed valuation in excess of \$10,000,000. The facilities are located at Camp George West, Buckley, Fort Carson and throughout the State. Specific responsibilities of the Director of the Engineering and Facilities Section include repair and maintenance of Federal and State ARNG facilities (to include planning, programming, budgeting, engineering, and designing and contracting drawings and specifications) rehabilitation and remodeling of ARNG facilities, new Federal and/or State construction, custodial maintenance and upkeep of all ARNG facilities, and overall planning of ARNG new facilities. In addition, the Director of the Engineering and Facilities Section is responsible for preparing, budgeting and administering and management of the ARNG Training Site Contract and the ARNG Service Contract as well as the Federally supported Organizational Logistic Support Minor Construction program. Other duties of the Engineering and Facility Section include utilities administration, real property record keeping (to include acquisition, leases, permits and ARNG site selection) and administration, State personal property inventory and accountability.

STATE CONTROLLED

During the first half of FY 1979-80 the Engineering and Facilities Section contracted approximately \$60,000 worth of much needed State controlled maintenance work for ARNG facilities. The following represents the status of major projects designed, engineered, contracted and awarded for construction prior to 1 December 1979.

PROJECT 888.1	COST	STATUS
Roof Repl-USPFO Warehouse Roof Repair/Maintenance OMS 3 Roof Repair/Grand Junction Armory Montrose Wall Repair/Replacement Replace deep well pump, Camp	\$58,310.00 2,934.00 8,066.00 14,590.00	Completed Under construction Under construction Under contract
George West Camp George West Repl Natural Gas Fuel	5,800.00	Under contract
Repair/Repl Water Pipe (Ft Carson) 3650th	ation Fremlum	Under contract
Replace Overhead Door OMS 9	2,500.00	Completed Completed
Replace Boulder boiler Replace Natural Gas Fuel Dist	14,999.00	Under comtract
Pipe OMS 5	3,900.00	Completed

Construction contract documents were prepared for replacement of the Sterling Armory roof. Contractors' proposals/bids were received until 2:00 p.m. on 13 November 1979 and the low bidder's proposal of \$67,139 is currently under analysis and award is probable.

The Facilities Section is currently preparing contract drawings and specifications for re-roofing of the old Aurora Armory (217th Med Co) roof. Estimated cost is \$16,000.

3. FEDERAL/STATE BASE OPERATIONS

The Federal/State FY 1980 ARNG Training Site Contract in the amount of \$27,500 and ARNG Service Contract in the amount of \$140,800 are in effect. During the past NGB Performance Profile, Colorado achieved a 0.9838% BASEOPS Performance compared to a National Average performance of 0.8343%.

4. MAJOR/MINOR MILITARY CONSTRUCTION

MOBILIZATION AND TRAINING EQUIPMENT SITE (MATES). Fort Carson Project Status: Project was completed during 1977-78 and is currently under warranty. Total project cost \$871,884.00.

ARMY AVIATION SUPPORT FACILITY (AASF) ARMAMENT ADDITION/ADDITIONAL PARKING PAD PROJECT

Project status: Project was completed during 1977-78 and is currently under warranty. Total project cost \$152,991.00.

INTRUSION DETECTION SYSTEM (IDS) MODIFICATION PROJECT
Project status: Project under construction (contractor approaching default). Total project cost \$39,953.00.

ARMY AVIATION SUPPORT FACILITY (AASF) ADDITION (FY 79MCARNG PROJECT)
Project status: Project to add additional 17,814 square feet
hangar and administrative space. Project is under construction.
Total project cost \$899,300.00.

ORGANIZATIONAL MAINTENANCE SHOP (OMS 2), Camp George West Project status: Project is under construction. Total project cost \$284,990.00.

CAMP GEORGE WEST SITE IMPROVEMENTS (PHASE II).

Project status: Project is under preliminary planning phase.

Total estimated project cost \$46,000.00.

5. MAJOR O & M MINOR CONSTRUCTION PROJECTS

PROJECT	COST	STATUS
OMS 3 Wash Platform & Sewer Line		
Construction	\$8,537.00	Completed
OMS 1 Bituminous Paving Construction	2,974.00	Completed
OMS 3 Bituminous Paving Construction	1,800.00	Completed
MATES Bituminous Paving Construction	4,204.00	Under construction
MATES Electrical Construction	3,400.00	Under construction

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LOCATION	TYPE FACILITY	YEAR	REPLACEMENT
	Armory - 47,115 square feet 5.6 acres	1967 & 1973	\$ 1,623,263.94
	4 Buildings - Admin Bldg, Supply Bldg, OMS & Flammable Storage - 22,952 square feet 10 acres	1948 & 1949	707,594.90
	Armory - 12,670 square feet .24 acres	1927	298,724.36
Canon City	Armory - 14,510 square feet .4 acres	1922	297,805.31
Colorado Springs	6 Buildings - Armory, OMS, 3 Storage Bldgs, Fuel Station - 24,383 square feet 15 acres	1942, 1958 s 1976	758,719.69
	Armory & OMS #7 (1 Building) - 12,200 square feet 4.9 acres	1962	434,299.57
	Armory - 12,616 square feet 5 acres	1974	505,467.35
	Armory - 47,278 square feet 3.7 acres	1936	936,077.93
	Armory - 7,522 square feet 1.4 acres	1949	122,400.00

REPLACEMENT COST	\$ 469,691.53	293,970.25	669,849.00	747,908.09	257,267.00	443,500.00	385,474.40	475,207.60	425,328.57	413,447.40
YEAR	1960	1922	1949 & 1959	1961, 1963 s 1968	1961 3 6461	1965	1957	1954	1964	1955
TYPE FACILITY	Armory - 13,306 square feet 5 acres	Armory - 14,510 square feet .3 acres	5 Buildings - Armory, OMS & 3 Storage Bldgs, -21,902 square feet 3.85 acres	4 Buildings - Armory, Ground Power Bldg, Storage & Guard House, 23,905 square feet 5 acres	Armory - 9,914 sqaure feet 3.2 acres	Armory - 12,800 square feet 6.8 acres	Armory - 10,583 square feet 5.5 acres	Armory - 12,680 sqaure feet .4 acres	Armory - 12,240 square feet 5 acres	Armory - 10,583 square feet 1.6 acres
LOCATION	Fort Collins	Fort Morgan	Grand Junction	Greeley	La Junta	Lamar	Las Animas	Longmont	Monte Vista	Montrose

LOCATION	TYPE FACILITY	YEAR	REPLACEMENT COST
Pueblo	Armory - 18,032 square feet 5 acres	1963	\$ 668,525.20
Rocky Ford	OMS #6 - 7,522 square feet 1.9 acres	1949	166,506.42
Sterling	2 Buildings - Armory, OMS #10 - 14,201 square feet 1.4 acres	1955 & 1974	591,876.71
Trinidad	Armory - 7,592 square feet 1.7 acres	1951	167,955.00
Camp George West	72 Buildings - Armory, USP&FO Complex, OCS, OMS #2, State Warehouse, CSMS and others - 268,263 square feet 675 acres	1923 thru 1974	7,973,892.30
TOTALS	24 Locations		\$19,834,752.52
	BUCKLEY AIR NATIONAL GUARD BASE (Licensed to State)	to State)	

ARMY NATIONAL GUARD UNITS:

6 Buildings - 57,454 square feet

AIR NATIONAL GUARD UNITS:

24 Buildings - 224,669 square feet

DIVISION

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NATIONAL

GUARD



BRIGADIER GENERAL JOHN L. FRANCE
39TH ADJUTANT GENERAL OF COLORADO

On 1 August 1979, Brigadier General John L. France was appointed as the Adjutant General of Colorado.

A native of Missouri, General France holds B.A. and J.D. degrees from the University of Denver. General France entered the military service by enlisting as an airman in the United States Air Force in November 1952. After service in California, Texas and South Korea, he applied for and was accepted for both the Russian Language School and Aviation Cadet Training. He entered Aviation Cadets in December 1953 and received his pilot's wings and was commissioned as a Second Lieutenant in the United States Air Force in March 1955 at Webb AFB, Texas.

After advanced pilot training at Laughlin AFB, Texas, and Nellis AFB, Nevada, General France was assigned to Misawa, Japan, as an G-86F fighter pilot with the 336th Fighter Day Squadron. During this period, he spent temporary duty assignments in Korea and Taiwan. General France returned to the United States in October 1957 and was assigned to Laredo AFB, Texas, as a T-33 instructor.

General France was separated from the Air Force in March 1958. In October of that year he joined the 120th Fighter Interceptor Squadron of the Colorado Air National Guard as an F-86 pilot.

He competed for a position on the Air National Guard's Official Jet Precision Demonstration Team, "The Minutemen," and was chosen as the solo pilot in April 1959. He also flew left wing while participating in aerial demonstrations across the United States, Alaska and Latin America. "The Minutemen" were disbanded in September 1959 and General France returned to his position as an F-86 pilot with the 120th Fighter Interceptor Squadron.

In October 1961, the unit was called to active duty in response to the Berlin Crisis. General France served as Flight Commander, flying F-100Cs at Buckley ANG Base and George AFB, California. On release from active duty, General France returned to Buckley ANG Base as Flight Commander for the 120th Tactical Fighter Squadron.

In May 1968, General France led a flight of Colorado Air National Guard F-100Cs on a two stop, 21-hour deployment from Denver to Phan Rang Air Base in the Republic of South Vietnam. During a one-year combat tour with the 35th Tactical Fighter Wing, he flew 239 missions and accumulated 335 combat hours as a flight leader and operations officer. He returned to Buckley ANG Base in May 1969 and remained with the Colorado Air National Guard as an Air Technician Flying instructor.

General France became Commander of the 120th Tactical Fighter Squadron in May 1969. In September 1971 he was appointed Commander of the 140th Tactical Fighter Group. He was named Commander of the 140th Tactical Fighter Wing in July 1974.

General France was promoted and received Federal Recognition as a Brigadier General on 6 February 1976.

In September 1977 General France led Colorado Air National Guard A-7Ds on a 23-day deployment to Gilze-Rijen Air Base, Holland. This was the first time an American unit had been deployed to a Dutch owned and operated base.

ARMY GUARDS

140 SIG BN BN 139 MP CAC National Guard BN 217 MED BN 5/19 SF HHD COARNG 104 PA DET Colorado Army 147 HOSP 2/157 FA BN 101 BAND 169 FA BDE CO D 40 AVN (ATK HEL) BN 1/157 FA

Colorado

Army National Guard

Strength and hersalbroom at anima braud	Auth.	Actual	PCT (%)
HHD Colo ARNG, Denver 101st Army Band, Denver 104th Public Affairs Det., Denver 147th Medical Hospital, Aurora Co D 40th Aviation Battalion		113 29 14 95 205	124.1 64.4 107.6 75.3 83.6
Command & Control Headquarters, Golden	72	54	75.0
5th Special Forces Battalion Aurora/Pueblo/Fort Collins	260	207	79.6
193d Military Police Battalion, Golden 3650th Maint. Co., Golden/Fort Carson	408	293	71.8
140th Signal Battalion Aurora/Burlington/Craig/Fort Collins/ Fort Morgan/Golden/Sterling	545	352	64.5
217th Medical Battalion Aurora/Las Animas/Monte Vista/ Cortez/Durango/Lamar/Trinidad	361	341	94.4
169th Field Artillery Brigade, Aurora	136	105	77.2
1st Battalion, 157th Field Artillery Longmont/Boulder/Golden/ Montrose/Grand Junction	473 0	299	63.2
2d Battalion, 157th Field Artillery Colorado Springs/Pueblo/ La Junta/Canon City		3348 and mol	
TOTAL STRENGTH 31 DECEMBER 1979	3,266	2,441	74.7

Assigned Units - Authorized Strengths & Missions

The allocation of Army National Guard units is coordinated by the Department of the Army and the National Guard Bureau with the actual troop list for each State subject to the concurrence of the respective Governors. The current Colorado ARNG troop list is a composite of combat, combat support, and combat service support units organized as follows:

- Headquarters & Headquarters Detachment, Colorado Army National Guard

This unit has an authorized strength of 43 officers, 9 warrant officers and 39 enlisted. The unit is located in Denver with the mission of advising and assisting the Adjutant General in the administration, logistics, training and operations of the Army Guard Forces of the State in preparation for the dual missions established by law for Army National Guard units.

- Command & Control Headquarters (CAC)

The unit has an authorized strength of 13 officers, 11 warrant officers and 48 enlisted. This unit is located at Camp George West in Golden with the mission of exercising command and control over four battalions of the Colorado Army National Guard.

- 169th Field Artillery Brigade

This unit has an authorized strength of 24 officers, 2 warrant officers, and 110 enlisted. It is located in Aurora with a Federal mission of commanding and controlling two or more artillery battalions.

- First Battalion, 157th Field Artillery

This battalion has an authorized strength of 26 officers, two warrant officers, and 445 enlisted. The five company size units of this battalion are located as follows:

Longmont

Montrose

Grand Junction

Golden

Boulder

Headquarters & Headquarters Battery
Battery A
Battery B
Battery C
Service Battery

The basic armament of this battalion is twelve 8-inch self-propelled artillery pieces, four located in each of the three firing batteries. The unit is capable of firing both conventional and nuclear artillery projectiles in support of the ground gaining arms.

- Second Battalion, 157th Field Artillery

This unit is identical in organization with its sister battalion described above but with authorized strength of 26 officers, two warrant officer, and 463 enlisted. Unit locations are as follows:

Headquarters & Headquarters Battery
Battery A
Battery B
Colorado Springs
Colorado Springs
Colorado Springs
Battery C
Pueblo
Service Battery
Canon City

Headquarters & Headquarters Detachment,

This battalion headquarters has an authorized strength of six officers, one warrant officer and 33 enlisted. The unit is located in Aurora with a mission of providing operational control of subordinate medical units.

- 122d Medical Company (Ambulance)

This company has an authorized strength of four officers and 89 enlisted. The unit strength is split between Trinidad and Monte Vista/Alamosa with a mission of providing ambulance support as required.

- 928th Medical Company (Ambulance)

This company is identical in organization with the 122d Medical Company. This unit is split between Durango and Cortez.

- 947th Medical Company (Clearing)

This company has an authorized strength of 13 officers and 122 enlisted. The unit is split between Las Animas and Lamar with the mission of establishing three medical clearing stations in the forward areas of a combat zone.

- Headquarters & Headquarters Detachment, 193d Military Police Battalion

This battalion Headquarters has an authorized strength of six officers and 27 enlisted. It is located at Camp George West in Golden. The mission is to provide command and control over subordinate military police companies and a maintenance company.

- 220th Military Police Company

This company is authorized four officers and 159 enlisted. Located at Camp George West, the unit has the mission of providing military police support in an assigned area.

-3650th Maintenance Company (Forward - Direct Support)

Located at Camp George West, this company has an authorized strength of four officers, three warrant officers, and 140 enlisted. It has a DETACHMENT at Fort Carson in Colorado Springs which is authorized one officer, two warrant officers, and 62 enlisted. Its mission is to provide maintenance support to units in an assigned area.

- Headquarters & Headquarters Company, 140th Signal Battalion

This battalion is allocated to the State with an authorized strength of 24 officers, 13 warrant officers, and 508 enlisted. The four organic and one attached units are located as follows:

Headquarters & Headquarters Company Aurora Detachment 2, Company A Fort Morgan Company A (-) Company B (-) Detachment 1, Company B Craig Company C 142d Signal Detachment

Fort Collins Aurora Aurora

The mission of the Signal Battalion is to provide communication support in an assigned area of a field Army.

- Company D, 40th Aviation Battalion (Attack Helicopter)

This company has an authorized strength of 19 officers, 44 warrant officers, and 182 enlisted. The unit is located at Buckley ANG Base with 21 attack helicopters, 12 observation helicopters, and two utility helicopters authorized. The assigned mission is to increase the combat effectiveness of the unit to which assigned or attached by employment of direct aerial fires in offensive and defensive actions.

- 147th Medical Hospital

This unit is located at Buckley ANG Base with an authorized strength of 39 officers and 87 enlisted. Its mission is the operation of a one hundred bed hospital.

- 5th Special Forces Battalion, 19th Special Forces Group

This battalion is allocated to the State with an authorized strength of 51 officers, one warrant officer and 208 enlisted. The four elements of the battalion are located as follows:

Headquarters & Headquarters Detachment Golden Company A Aurora
Company B Pueblo Company C Fort Collins

The majority of personnel must be parachute qualified. Units are organized into small operational detachments capable of deployment, and self-sustained operations in any area of the world.

- The 101st Army Band

The unit is located in Denver with an authorized strength of one warrant officer and 44 enlisted. Its mission is to provide band support at an assigned Army installation.

- 104th Public Affairs Detachment

Also located in Denver, it has an authorized strength of four officers and nine enlisted with a mission of providing public information support to local units.

Traiming

Training Objectives

The overall training objective for Colorado Army National Guard units is to achieve prescribed readiness postures, thereby producing units and members capable of accomplishing their assigned Federal and State missions. These missions are:

- A. To provide units, which in a national emergency, will be ready for mobilization and deployment in accordance with Department of the Army operational plans in support of the "Total Force Concept."
- B. To provide units organized, equipped and trained to function effectively in the protection of life and property under orders of the Governor of the State of Colorado.

Training

All training is conducted under the command of State authorities in accordance with Department of the Army, U. S. Army Forces Command and the National Guard Bureau training criteria, goals and programs.

To achieve prescribed readiness posture each National Guard unit has an annual training program which includes both an inactive duty training (IDT) phase of 48 four-hour periods (normally executed in the form of one Saturday and Sunday weekend drill per month) and an active duty "annual training" (AT) phase of 15 days.

Concentrating on performance oriented training using guidelines of Army Training and Evaluation Programs (ARTEPs) and Soldier's Manuals, each unit strives for unit and individual proficiency with ultimate goal of attaining and maintaining operational readiness. The annual training phase is the culmination of the training year when units actually deploy to an Active Army or State-owned training site and engage in mission oriented training to test their operational effectiveness. During the AT phase, each unit received an evaluation by

Active Army evaluators for the purpose of determining both individual and unit proficiency. All Colorado Army National Guard unit evaluations for calendar year 1979 were satisfactory.

Annual training periods for the Colorado Army National Guard units during 1979 were performed at a variety of sites as follows:

TRAINING SITE	UNIT/ORGANIZATION	HOME STATION	
State Sites			
Camp George West Golden, CO	Colorado National Guard Military Academy	Go1den	
Camp Guernsey, WY	Command and Control HQs HHD 193d MP Bn 220th MP Co HHD 217th Med Bn 122d Med Co (Amb) Detachment 1 928th Med Co (Amb) Detachment 1 947th Med Co (C1r) Detachment 1 140th Signal Bn Company A Detachment 1 Company B Detachment 1 Company C	Golden Golden Golden Aurora Trinidad Monte Vista Cortez Durango Las Animas Lamar Aurora Sterling Fort Morgan Fort Collins Craig Aurora	
Camp Williams, UT	HHC 5th Bn 19th Special Forces Group (Abn) Company A Company B *Company C	Golden Aurora (Buckley) Pueblo Fort Collins	
Gowen Field, ID	Co D 40th Avn Bn (Atk Hel)	Aurora	
Active Army Sites			
Fort Carson	HHD Colorado ARNG 104th Public Affairs Det HHB 169th FA Bde HHB 1st Bn 157th FA Battery A Battery B Battery C Service Battery	Denver Denver Aurora Longmont Montrose Golden Grand Junction Boulder	

^{*} Organized effective 1 Oct 79

TRAINING SITE

UNIT/ORGANIZATION

HOME STATION

Active Army Sites (Cont.)

Fort Carson (Cont.)

HHB 2d Bn 157th FA Battery A Battery B Battery C Service Battery 3650th Maint Co (Fwd DS)
Detachment 1

Colorado Springs La Junta Colorado Springs Pueblo Canon City Golden Colorado Springs

Center, WA Aurora (Buckley) Madigan Army Med 147th Hospital

Other Sites 7 .0 basedalA T93

Various Colorado 101st Army Band Denver

Other notable training accomplishments by the Colorado Army National Guard units/activities during 1979 which added to improved unit and individual proficiency were:

- A. Unit Aviation School courses conducted by Colorado ARNG Aviation Support Facility for Guard aviators assigned to Company D, 40th Aviation Battalion.
- B. Medical Specialist, Phase I Course, conducted by the Medical Battalion for guardpersons assigned to medical specialist career field. Instructor support by Colorado ARNG medical officers and specialists from the Medical Battalion and the Hospital was indeed noteworthy.
- C. Civilian Education (91C). Clinical Specialists are trained by those civilian institutions offering the Licensed Practial Nurse/ Licensed Vocational (LPN/LVN) training. The National Guard utilized allocated federal funds to pay the individuals' pay and allowances and associated costs while in attendance.

The courses mentioned are cost effective and conserve allocated funding for other supplemental and career development training via the formal school program at various Active Army School Centers. Many of the Guard participants not only improved their individual military proficiency but also derived benefits as concerns their civilian occupations.

CPT John T. Lvy

Army Commanders

Headquarters, Colo Army National Guard BG Hershel C. Yeargen Headquarters Detachment CPT John S. Materi 147th Medical Hospital 101st Army Band 104th Public Affairs Detachment

Command & Control Headquarters, COARNG Headquarters, 140th Signal Bn Headquarters Company, 140th Signal Bn Company A (-), 140th Signal Bn Detachment 1, Company A, 140th Sig Bn Company B (-), 140th Signal Bn Detachment 1, Company B, 140th Sig Bn Company C, 140th Signal Bn 142d Signal Detachment Headquarters, 217th Medical Battalion Headquarters Detachment, 217th Med Bn 122d Medical Ambulance Company (-) Detachment 1, 122d Med Amb Co (-) 928th Medical Ambulance Company (-) Detachment 1, 928th Med Amb Co (-) 947th Medical Clearing Company (-) Detachment 1, 947th Med Clr Co(-) Headquarters, 193d Military Police Bn LTC Richard W. Hess Headquarters Detachment, 193d MP Bn 220th Military Police Company 3650th Maintenance Company (FWD) (DS) Detachment 1, 3650th Maint Co (FWD) (DS) Headquarters, 5th Special Forces Bn Headquarters Detachment, 5th SF Bn Company A, 5th Special Forces Bn Company B, 5th Special Forces Bn Company C, 5th Special Forces Bn

Headquarters, 169th Field Artillery Bde Headquarters Battery, 169th FA Bde Headquarters, 1st Bn, 157th FA Bde Headquarters Battery, 157th FA Battery A, 1st Bn, 157th FA Battery B, 1st Bn, 157th FA Battery C, 1st Bn, 157th FA Service Battery, 1st Bn, 157th FA Headquarters, 2d Bn, 157th FA Headquarters Battery, 2d Bn, 157th FA Battery A, 2d Bn, 157th FA Battery B, 2d Bn, 157th FA Battery C, 2d Bn, 157th FA Service Battery, 2d Bn, 157th FA

LTC Alan L. Watts WO Delwin R. Befur MAJ John A. Bormolini

> COL Paul A. Parsons MAJ Conrad A. Johnson CPT Charles D. Marcus CPT Richard D. Findlay 2LT Joe A. Gomez CPT Jerry A. Kyckelhahn 2LT John J. Forys 11 CPT Richard J. Navin 2LT Peggy J. Moench LTC Richard A. Brooks CPT Everett R. Lajoie, Jr. 2LT Michael D. Dolan 2LT Silverio S. Salazar CPT Larry K. Wilkerson 1LT Michael S. Bills LTC John B. Hester III CPT Gregory V. Ronning CPT James T. Miller CPT Bruce O. Beckman CPT Stephen N. Greivel 2LT Richard T. Vigil LTC Robert L. Harrison MAJ Ray Z. Dissinger CPT George D. Thomas MAJ Bernard T. Lofft, Jr. CPT James E. Chase, Jr.

COL Robert G. Hancock CPT William R. Suhre LTC Herbert R. Shelton CPT Jerald L. Bohn CPT Ralph S. Curfman CPT Leslie K. Holmes CPT David L. Potter CPT Lynn R. Stremme LTC Marion A. Carmickle CPT Verdell Taylor, Jr. CPT Gary W. Butner CPT John T. Ivy CPT Jack H. Alter CPT Michael J. Clermont

Federal Support

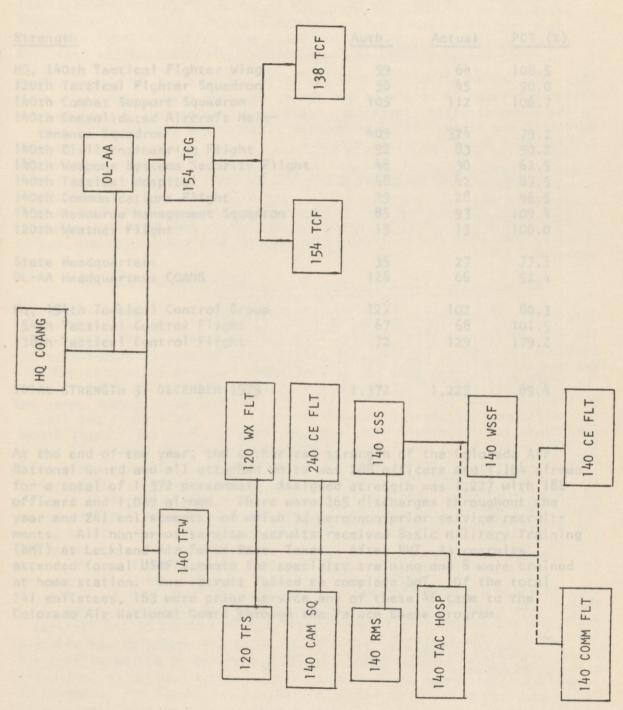
of the

Colorado ARNG

Pay of Full Time Employees Travel & Per Diem POL (Fuels and Lubricants) Communications Transportation (Shipping) Miscellaneous Supplies and Services Medical Care and Examinations Recruiting Materials Military Drill Pay Annual Training Subsistence (Weekend Training) Schools and Full Time Training Duty Pay Disability Payments	\$ 5,610,936 65,422 248,750 14,271 29,118 513,760 15,284 21,472 3,170,476 1,126,899 76,737 612,057 95,156
TOTAL	\$11,600,338
Military Construction	878,445
TOTAL FEDERAL SUPPORT (ARMY)	\$12,478,783

AIR GUARD!

Gward G National Allr Colorado



Colorado

Air National Guard

Strength Strength Strength Strength	Auth.	Actual	PCT (%)
HQ, 140th Tactical Fighter Wing 120th Tactical Fighter Squadron 140th Combat Support Squadron	59	64	108.5
	50	45	90.0
	105	112	106.7
140th Consolidated Aircraft Main- tenance Squadron 140th Civil Engineering Flight 140th Weapons Systems Security Flight 140th Tactical Hospital 140th Communications Flight 140th Resource Management Squadron 120th Weather Flight	409 92 48 48 29 85	324 83 30 42 28 93 13	79.2 90.2 62.5 87.5 96.6 109.4 100.0
State Headquarters OL-AA Headquarters COANG	35	27	77.1
	126	66	52.4
Hq, 154th Tactical Control Group	127	102	80.3
154th Tactical Control Flight	67	68	101.5
138th Tactical Control Flight	72	129	179.2
TOTAL STRENGTH 31 DECEMBER 1979	1,372	1,227	89.4

At the end of the year, the authorized strength of the Colorado Air National Guard and all attached units was 208 officers and 1,164 airmen for a total of 1,372 personnel. Assigned strength was 1,227 with 188 officers and 1,039 airmen. There were 265 discharges throughout the year and 241 enlistments, of which 32 were non-prior service recruitments. All non-prior service recruits received Basic Military Training (BMT) at Lackland Air Force Base, Texas. After BMT, 23 recruits attended formal USAF schools for specialty training and 8 were trained at home station. One recruit failed to complete BMT. Of the total 241 enlistees, 163 were prior service and of these 46 came to the Colorado Air National Guard through the Palace Chase program.

Assigned Units - Authorized Strengths & Missions

- State Staff, Headquarters, Colorado Air National Guard

This unit has an authorized strength of 14 officers and 21 airmen. The assigned mission is to advise and assist Colorado State authorities in the administration, logistics, training and operation of the Air Forces of the State. This encompasses planning and employment of the Air National Guard for State missions.

- OL-AA, Headquarters, Colorado Air National Guard

This unit has an authorized strength of 22 officers and 104 airmen. The primary mission is the total operation of Buckley ANG Base, including those periods when the tactical organizations are federalized and deployed.

- Headquarters, 140th Tactical Fighter Wing

This unit has an authorized strength of 112 officers and 833 airmen. The wing has two Tactical Fighter Groups and one Tactical Fighter Squadron assigned. The 150th Tactical Fighter Group at Albuquerque, New Mexico; the 138th Tactical Fighter Group at Tulsa, Oklahoma; and the 120th Tactical Fighter Squadron at Buckley all fly the A-7D. (The unit at Tulsa was gained in July when the National Guard Bureau announced the realignment of several TAC-gained wings. The realignment put like weapons systems together, thus removing the 149th Tactical Fighter Group in Texas since it is converting to F-4Cs.) The primary mission of the wing is to provide overall supervision and necessary advisory assistance to the Fighter Groups and Squadron to insure they maintain a high state of combat readiness. Additionally, the wing is responsible for establishing and maintaining war readiness material to provide supplies to the tactical squadron when it is deployed.

- 120th Tactical Fighter Squadron

This is the combat arm of the fighter wing with an assigned mission to train for and maintain full combat readiness in support of the Tactical Air Command. The squadron is capable of worldwide deployment at all times, augmented by those support elements dictated by the specific national requirement.

- 140th Combat Support Squadron

This squadron has an authorized strength of 8 officers and 97 airmen. The primary mission of the support group is to provide total bare-base support of the tactical organization when required. During non-federalized training status, elements of the group are attached to Operating Location AA (OL-AA) to maintain continuity for total, efficient base support. Functions which come under the support group include personnel, food service, security, transportation, administration, base operations, disaster preparedness, chaplain, legal and other lesser functions.

- 140th Consolidated Aircraft Maintenance Squadron

This squadron has an authorized strength of 8 officers and 401 airmen. The primary mission of the maintenance squadron is to provide organizational and field maintenance of air frames, engines and allied maintenance; electric and electronic systems and equipment for the assigned A-7D aircraft. When deployed, the majority of assigned personnel are attached to the tactical squadron to move as a unit anywhere in the world to provide maintenance for the aircraft.

- 140th Tactical Hospital

The Hospital has an authorized strength of 15 officers and 33 airmen. The primary mission of the Hospital is to provide medical support to personnel assigned to the other units, including veterinarian services. The hospital is capable of performing diagnostic and therapeutic service in the area of general medicine at any time and minor surgery under field or combat conditions for personnel assigned or attached to the parent organization.

- 140th Civil Engineering Flight

This unit has an authorized strength of 4 officers and 88 airmen.

There are two separate and distinct missions for this flight. First, and most important, is to provide a highly mobile (Prime Beef Team) response capability with highly skilled specialists able to deploy as a unit or with the wing to satisfy USAF civil engineering requirements worldwide. The second mission is to provide real estate management constructions, rehabilitation, repair and maintenance of installed property, fire protection and aircraft crash/rescue services.

- 140th Communications Flight (Support)

This unit has an authorized strength of 2 officers and 27 airmen.
This unit is gained by Air Force Communications Command (AFCC) upon activation, as opposed to most other organizations reporting to Tactical Air Command. The flight is, however, attached to the wing for duty and has a primary mission to operate and maintain all ground communications facilities in support of the tactical mission.

- 140th Weapons Systems Security Flight

This unit has an authorized strength of 1 officer and 47 airmen. All personnel are attached to the support group for administration and training. Upon federalization, the flight would deploy with the Tactical Squadron for enroute security operations, being integrated into the host base security police organization upon arrival. During peactime, the flight is responsible for the security of the aircraft, equipment and associated facilities.

- 120th Weather Flight

This unit has an authorized strength of 4 officers and 9 airmen. The primary mission of the flight is to provide air weather service for the mission organizations. Upon federalization, the flight may or may not deploy with the tactical units since they would be gained by the Air Weather Service under Military Airlift Command. At Buckley ANG Base, the flight is integrated for optimum training with the USAF Weather Detachment assigned to the base.

- 140th Resource Management Squadron

This squadron has an authorized strength of 7 officers and 78 airmen. The primary mission of the squadron is to provide mission support to the fighter wing in the supply, procurement, comptroller and traffic management areas. Upon federalization, the squadron would deploy with the tactical squadron being integrated into the host base organization.

- Headquarters, 154th Tactical Control Group

This group has an authorized strength of 60 officers and 206 airmen. The primary mission of the group and subordinate units is the control for tactical forces during employment operations in a combat environment. The 154th consists of a total of nine units in five states; the 153rd TACCS and the 116th CRP at Portland, Oregon; the 105th CRP at Cheney, Washington; the 107th CRP at Phoenix, Arizona; the 106th and 109th TCF at Salt Lake City, Utah; the 138th TCF at Greeley, Colorado; and the 154th TCF at Peterson AFB, Colorado Springs, Colorado.

- 138th Tactical Control Flight

This unit has an authorized strength of 9 officers and 63 airmen. The primary mission of the 138th is to provide the direct link between the Theatre Commander and all tactical air operations. The unit has extensive radar equipment which is further augmented by gap filler radars assigned to TACPs and CRPs. All information from the extended radars is fed to the 138th for consolidation and coordination. This provides the key link in the entire Tactical Air Control System.

- 154th Tactical Control Flight

This unit has an authorized strength of 9 officers and 58 airmen. The flight is a Forward Air Control Post (FACP) and is a highly mobile search radar and radio communications operating location in the Aircraft Control and Warning sub-system of the United States Air Force Tactical Air Control System. The FACP is designed to be deployed into forward areas of a battle zone to augment the TACS radar surveillance and control coverage and to provide increased low level coverage for mid-course guidance in close air support operation.

ANG Facilities

The State Headquarters of the Colorado Air National Guard is located at 300 Logan Street in Denver. The 138th Tactical Control Flight is located at Greeley Air National Guard Station, Greeley, Colorado; the 154th Tactical Control Flight is located at Peterson Air Force Base, Colorado Springs, Colorado; and all other units of the Colorado Air National Guard are located at Buckley Air National Guard Base in Aurora, Colorado.

Buckley ANG Base consists of two separate land areas totaling 3,262 acres. The airfield complex consists of two runways of 11,000 and 8,000 feet. Each is 150 feet wide. The original structures remaining from the time when the the base was constructed for the U. S. Army Air Corps in 1942-43 and those newly constructed facilities are categorized as either operations, maintenance or training types. The base has no community facilities, base housing, or billeting capabilities. The flying activity is at a maximum and all facilities are fully occupied and in use.

The Colorado Air National Guard operates and maintains Buckley ANG Base for the Air Force and supports various tenants of the active and reserve forces and certain civilian agencies. Occupancy and use of land and facilities is negotiated locally and approved by the Secretary of the Air Force. Agreements under which the Colorado Air National Guard provides and is reimbursed for services are drawn up locally and funded through the National Guard Bureau.

Buckley is the only military flying base in the area. It is charged with certain responsibilities related to aircraft search and rescue and crash response within the geographical area measuring half the distance from Buckley to Cheyenne, Salt Lake City, Colorado Springs and Wichita. In addition to supporting all base assigned aircraft, the base also serviced 4,361 transient military aircraft this year, of which approximately 2,002 remained at least one night on base. Practically every type of aircraft in the inventory from every service and command visits Buckley ANG Base during the year.

The original cost of construction of Buckley ANG Base was 7.5 million dollars and during the past year approximately \$827,160 was spent on major military construction. Major construction consisted primarily of construction of a fuel cell maintenance corrosion control facility.

Aircrast

The Colorado Air National Guard has 24 A-7D aircraft, one C-13B transport, two 0-2 observation aircraft, and two T-43A transport aircraft. Twenty-four A-7Ds are authorized. The A-7D is a single engine, single seat close air support interdiction tactical fighter bomber. The 12Oth Tactical Fighter Squadron is one of 14 fighter squadrons in the Air National Guard that fly this aircraft. It is among the most sophisticated air-to-ground delivery aircraft in the world today. Total flying hours for the Colorado Air National Guard's A-7Ds during 1979 were 5328.1. Two A-7D aircraft were lost when they crashed and burned. Captain Dennis E. Klock was killed February 28 when his A-7D crashed in a field southwest of Cheyenne Wells in eastern Colorado. Captain Harold M. Cochran was killed April 24 when his aircraft crashed on the Fort Carson bombing range south of Colorado Springs.

The C-131 is a twin-engine aircraft (reciprocating engine) used for passenger service and light cargo hauling and accumulated 322.1 flying hours during 1979.

The 0-2A and 0-2B are twin reciprocal engine observation aircraft that are used for the primary purpose of transporting tactical pilots to the air-to-ground gunnery range at Fort Carson Army Base. The two aircraft accrued a total of 225.7 flying hours during 1979.

The Colorado Air National Guard announced the acceptance of a new mission with the arrival of two T-43 aircraft on June 25, 1979. The aircraft were transferred from the Air Training Command to the Air National Guard to enhance the training requirements of the Department of Defense. The two T-43s, the military version of the Boeing 737, retained their navigator training configuration that was required in support of Air Force navigator training and will support the U. S. Air Force Academy Airmanship Program. The Airmanship Program is a term used for all USAFA flight training programs. This includes the aviation science program, which provides cadets flight courses in astronomy, navigation, and other aviation related subjects. There was an increase of 24 positions to accommodate the new mission. The two twin engine jet aircraft accrued a total of 769.0 flying hours from the time of their arrival until the end of 1979.

The Aero Club of the Lowry Technical Training Center has 3 Cessna 150 aircraft, 4 Cessna 172 aircraft, 1 Cessna 182 aircraft and 1 Beechcraft T-34 aircraft assigned to Buckley ANG Base. Additionally, the club has an RG Cardinal and a Cessna 152. The other aircraft assigned to the club is a Cessna 310, a twin engine reciprocal aircraft, the rest of the fleet are single reciprocal engine aircraft. They are used to train student pilots.

Military Education

The Professional Military Education Center conducts three schools for members of the Air National Guard; the Academy of Military Science (AMS); Noncommissioned Officers Academy (NCOA); and Leadership School. All three schools are conducted at McGhee Tyson Air National Guard Base, Alcoa, Tennessee.

The mission of the Academy of Military Science is to prepare Officer Candidates mentally, morally, and physically to become officers in the Air National Guard. The training is a varied program of military, academic and physical training. The six week program consists of lectures, seminars and demonstration-performance. Physical training consists of competitive sports and all officer candidates are required to run in a scaled version of the Air Force Aerobics Program.

The Air National Guard Noncommissioned Officers Academy is designed to provide the academic and military environment that will increase the Noncommissioned Officer's ability to function as a supervisor, communicator, resource manager, and professional leader. The curriculum consists of at least 225 academic hours and the school is accredited by the Southern Association of Colleges and Schools Commission on Occupational Education. The major divisions of the curriculum are devoted to seven basic subjects: Human Relations, USAF and ANG History, World Affairs, Communicative Skills, Supervision and Management, Military Training and Military Justice. In addition to these courses, physical training is accomplished by each flight competing against the others in selected sports.

In order to prepare selected Airmen and Sergeants to assume supervisory positions, the Air National Guard Leadership School was established. The two week course is a mixture of physical, military and academic training. The Leadership School is also accredited by the Southern Association of Colleges and Schools Commission on Occupational Education.

A program recently opened to all Air Guardsmen is the Community College of the Air Force. It is free to enlisted members and is accredited by the Southern Association of Colleges and Schools Commission on Occupational Educational Institutions. The curriculum is a defined pattern of prescribed course content in General, Management and Physical Education. Successful completion of programs of study offered by CCAF can result in an Associates Degree. The college recently announced that the credit hours earned can be used in support of the Air Guard commissioning program.

Training

Fifteen members of the Ohio Air National Guard were at Buckley for two weeks in January to get training in general firefighting and specific techniques for fighting fires involving A-7D aircraft. The exchange program was provided for the Ohio Air Guard because of their conversion to A-7 aircraft. Members of the active Air Force from Francis E. Warren AFB, Wyoming, trained with the unit in instruction on refueling procedures. The training programs provided by the Colorado Air National Guard help reinforce the total force policy.

To improve the combat capability of the A-7D the Colorado Air National Guard was among the first units to modify their aircraft with the newest laser target identification system, Pave Penny. It will enable the aircraft to precisely locate and lock onto laser illuminated targets and greatly extends the pilot's effectiveness in acquiring and tracking ground targets for first-pass attack.

Forty members of the Civil Engineering Flight spent their Annual Field Training at McGhee-Tyson ANG Base in Knoxville, Tennessee. The purpose of the deployment was to accomplish extensive repairs and remodeling to the existing Transient Airmen's Quarters.

Members of the 154th Tactical Control Group participated in Brave Shield 20, a United States Readiness Command Exercise. The purpose of the exercise was to train personnel in varied facets of possible combat roles.

The 140th Tactical Fighter Wing deployed more than 400 Air Guardsmen to Merzifon, Turkey, in September and October of 1979. The purpose of the deployment was to participate in NATO Exercise, "Display Determination." It is an annual NATO exercise designed to re-emphasize and promote coordination of multi-national forces assigned to Allied Forces Southern Europe and to demonstrate NATO's readiness to deter aggression. Units from Italy, Portugal, Turkey, the United Kingdom and the United States participated in the exercise. The 140th contribution to the exercise involved roughly a 10,000 mile trip to Merzifon and over 300 sorties

flown in support of the exercise. These included orientation flights for the pilots, range firing activity, close air support and special support missions. It was the most austere "bare base" deployment an Air National Guard unit has ever had. "Bare base" is a base with only an air strip and a nearby water supply; no buildings and no equipment. All else needed for living and working comes with the group using the air strip.

Recruiting

A continuing problem in the Air National Guard is recruiting and retention. The number of discharges for 1979 exceeded the number of enlistments by 24. Steps were taken by the federal and state governments to make the Air National Guard have more appeal to new members and those who chose the Air Guard as a career.

In February, the USAF announced a promotion policy change that reduced time in service and time in grade requirements for promotions in the Staff Sergeant through Chief Master Sergeant ranks. Additionally, a special promotion system was instituted to assure career servicemen could attain at least the rank of Master Sergeant after they had completed 20 years of service.

The Department of Defense approved action which authorized payment of enlistment and re-enlistment bonuses to certain enlisted members of the Air National Guard. The critical areas selected for incentive bonuses were in Munitions Systems and Aircraft Armament. Re-enlistment or extension bonuses were approved for these career fields plus the Nuclear Weapons and Security career fields. The program was expanded to cover six more career fields for first term recruits and 45 additional career fields for personnel who re-enlisted in June. Unfortunately, funding for the bonuses ran out before the year was over.

An intangible benefit was granted to Air Guardsmen in July when the privilege of attending Army/Air Force Motion Picture Theaters was granted through Air Force policy change. The change was a result of a suggestion by Colorado Guardsman, SMSgt Lowell P. Leigh and applies nationwide.

The Colorado State Legislature passed Senate Bill 55, providing 100% free tuition for Guardsmen who attend state schools. Although signed into law by Governor Richard D. Lamm, the bill does not have the appropriate funding to cover the costs.

As part of a federal test program, selected positions in the Colorado Air National Guard were converted from Air Technician positions to active duty military slots. Airmen in the slots will serve a two-year term under the test.

Air Commanders

Chief of Staff, Air Assistant Adjutant General, Air HQ, 140th Tactical Fighter Wing OL-AA, HQ Colorado Air National Guard 154th Tactical Control Group 120th Tactical Fighter Squadron 140th Combat Support Squadron 140th Consolidated Aircraft Maint. Sq 140th Tactical Hospital 140th Civil Engineering Flight 140th Communications Flight 140th Weapons Systems Security Flight 120th Weather Flight 154th Tactical Control Flight MAJ Roy C. Chase
138th Tactical Control Flight LTC George A. Fisher, Jr. 140th Resource Management Squadron MAJ William F. McGaffin

BG Monroe G. Mathias COL William H. Neuens BG John L. France COL Stanley C. Wood COL Jack D. Abercrombie LTC Jack M. Rosamond LTC Chester J. Preisser MAJ Arvey E. Mason COL John B. Laubach MAJ Charles J. Bowling MAJ Elwood P. Glaser MAJ Michael A. Soda MAJ Donald R. Steele

Federal Support

of the

Colorado ANG

Military Drill Pay Annual Field Training Subsistence - Unit Training Assemblies Schools & Full Time Training Duty Pay Petroleum Products Pay & Allowances - Civilian Personnel Travel & Per Diem Transportation of Material Communications Services Utilities Supplies, Materials & Equipment Recruiting & Advertising Services Medical Equipment, Care & Supplies	\$ 1,984,031 573,418 36,688 462,815 3,663,388 11,697,132 263,998 34,735 191,266 292,009 1,431,041 11,981 23,245 \$20,665,747
Construction MINITED TO A TO SW	3,247,794
TOTAL FEDERAL SUPPORT (AIR)	\$23,913,541

Colorado Military Academy

The Colorado National Guard Military Academy conducts various schools related to military education. Generally, the types of courses may be categorized as the Officer Candidate School (OCS), three separate schools of the Noncommissioned Officer Education System (NCOES), and Special Courses

Officer Candidate School

This course of instruction consists of four phases: Phase 14 Three NUTA-5 weekend training assemblies; Phase 11 - A two week Annual Training period: Phase 111 - Six MUTA-5 weekend training assemblies and Phase 17 - Branch Officer Sasic Course (BOSC) of the branch selecte or assigned to the newly commissioned Second Lieutenant. Minimum standards curriculum and the scope of instruction are prescribed by Department of the Army Training and Doctrine Command and the Chief, National Guard Bureau. To fit the needs of the Colorado National Guard, augmentation to the scope and course of instruction are established by the Colorado National Guard Military Academy Academic Board. In 1979, the Academy graduated 21 Second Lieutenants and since its loception In 1957, the OCS has graduated 373 Lieutenants in the Colorado Army National Guard, Colorado Air National Guard, and the U.S. Army Reserve

MILITARY ACADEMY

Basic Noncommissioned Officer School which is designed for enlisted pay grades E-4 and E-5; the Advanced Noncommissioned Officer School designed for enlisted pay grades E-6 and E-7; and the Senior Noncommissioned Officer School for enlisted grades E-8 and E-9. The program of instruction is standardized for all ARNG Academies by the Chief, National Guard Bureau. Subjects Include Jeadership, discipline, map reading, weapons, communications, training management, personnel and

MILITARY

Colorado Military Academy

The Colorado National Guard Military Academy conducts various schools related to military education. Generally, the types of courses may be categorized as the Officer Candidate School (OCS), three separate schools of the Noncommissioned Officer Education System (NCOES), and Special Courses.

Officer Candidate School

This course of instruction consists of four phases: Phase I - Three MUTA-5 weekend training assemblies; Phase II - A two week Annual Training period; Phase III - Six MUTA-5 weekend training assemblies and Phase IV - Branch Officer Basic Course (BOBC) of the branch selected or assigned to the newly commissioned Second Lieutenant. Minimum standards curriculum and the scope of instruction are prescribed by Department of the Army Training and Doctrine Command and the Chief, National Guard Bureau. To fit the needs of the Colorado National Guard, augmentation to the scope and course of instruction are established by the Colorado National Guard Military Academy Academic Board. In 1979, the Academy graduated 21 Second Lieutenants and since its inception in 1957, the OCS has graduated 373 lieutenants in the Colorado Army National Guard, Colorado Air National Guard, and the U. S. Army Reserve.

Noncommissioned Officer Education System

These courses are conducted on weekend training assemblies, during Annual Training and in Unit School status. Type courses currently conducted by the Colorado National Guard Military Academy consist of the Basic Noncommissioned Officer School which is designed for enlisted pay grades E-4 and E-5; the Advanced Noncommissioned Officer School designed for enlisted pay grades E-6 and E-7; and the Senior Noncommissioned Officer School for enlisted grades E-8 and E-9. The program of Instruction is standardized for all ARNG Academies by the Chief, National Guard Bureau. Subjects include leadership, discipline, map reading, weapons, communications, training management, personnel and

property management, etc. In 1979, the Academy graduated 122 individuals from these schools which brought the total number of graduates, since its inception in 1971, to 1,601 students. Due to the large number of applicants and the promotional requirements for attending NCO School, five separate courses were conducted in 1979.

Special Schools

As part of its mission, the Colorado National Guard Military Academy is tasked with requesting approval from Chief, National Guard Bureau and conducting various courses which relate to a wide range of subjects. As examples, the Academy routinely conducts Non-Prior Service recruit training, Equal Opportunity Unit Discussion Leader training and Recruiting and Retention schools. The Academy staff must maintain flexibility and current conceptual knowledge of these subjects in order to accommodate requirements.

The Academy's programs parallel those of Active Army OCS and Service Schools. Supervision of the Military Academy is the responsibility of the Commandant with support from his staff. The Commandant of the Colorado National Guard Military Academy is LTC James J. Stenger.

THE

TECHNICIANS

Colorado National Guard Technicians

Colorado National Guard technicians are Federal Civil Service employees of the Department of Defense, Departments of the Army and Air Force, and the Colorado Department of Military Affairs. Technicians of the Colorado Air and Army National Guard, in addition to being Federal Civil Service employees, are required to maintain military membership as a condition of employment.

The technician force, authorized under the provisions of Title 32, United States Code, Section 709, was originally established to accomplish those tasks which could not be completed during weekend training assemblies. When units of the Colorado National Guard are mobilized for either State or Federal missions, the technician force provides a nucleus of specially trained professionals. Individuals employed as technicians provide a wide range of skills and trades to include administration, personnel, logistics, accounting, security, automatic data processing, aircraft maintenance, flying and budgetary expertise.

The Federal Government provides monetary support for the technician force on a 100 percent basis. Authorized strength is governed by the National Guard Bureau and is based primarily on military personnel strengths and other pertinent requirements.

The Adjutant General of Colorado is responsible for administering the technician program for the State. The Technician Personnel Officer and his staff assist in the administration of the program. General areas of administration include:

Recruitment and placement of technicians, processing personnel actions, labor-management relations, reduction-in-force, adverse actions, grievances and appeals, employee training and development, suggestion program and incentive awards.

Personnel Strength

During 1979, an average of 624 technician positions were authorized for Colorado. Of those authorized positions, 320 were in support of the Colorado Army National Guard and 304 positions were in support of the Colorado Air National Guard. There were an additional 254 Department of the Air Force (Title 5) civilian employees to support Buckley Air National Guard Base. These Title 5 civilian employees are administratively assigned to Lowry Air Force Base; however, they are under the operational control of the Colorado Air National Guard.

The number of authorized Air National Guard technician spaces increased in 1979 over the authorized number for 1978. This increase was due to the addition of maintenance personnel to support the T-43 program.

The Army National Guard's authorized technician strength decreased slightly over that for 1978. The decrease was due to the implementation of the Conversion to Full Time Military (CFTM) program.

Labor Relations

A new agreement is currently being negotiated with the Association of Civilian Technicians, the organization which represents the Air National Guard technicians. The agreement with Local 1678, National Federation of Federal Employees expired in December 1979 and is also currently under negotiation. Local 1678 represents technicians of the Colorado Army National Guard.

There were no outstanding unfair labor practice charges at the end of 1979. All grievances filed during the year were resolved as were any of the adverse actions taken. The scope of Labor-Management Relations increased significantly during 1979 due to the Civil Service Reform Act of 1978.

Technician Training

During 1979 major emphasis was placed on training technicians in the areas of administration, supply, and new equipment training. Further emphasis was placed on safety and cardio-pulminary resuscitation training. Although these were the major areas covered, training in a variety of other areas was also accomplished.

Since the duties of technicians are primarily militarily related, the majority of training is accomplished through military channels. Certain courses which provide training in areas such as personnel management, supervision, labor-management relations and budget are obtained through the Office of Personnel Management, Rocky Mountain Training Center. The National Guard Professional Education Center at Little Rock, Arkansas, continued to expand its curriculum during 1979 and now offers a wider variety of courses covering educational matter peculiar to National Guard technicians.

In 1979, 219 technicians took advantage of courses available at a cost in excess of \$22,550.

Fiscal

The Federal Government provides funds for the administration and operation of the technician program. Technician pay and technician training comprise the major fiscal expenditures. During calendar year 1979, the technician payroll for Colorado Army and Air National Guard employees exceeded \$15,300,000.

In addition to their base pay, technicians are paid travel pay for:

- A. Travel within the State for the purpose of supervision, drawing supplies, conferences and certain training sessions.
 - B. Travel to conferences and meetings on a national level.
- C. Travel in connection with Permanent Change of Station. This includes relocation within the State and for those individuals hired from outside the State.

The technician training budget for 1979 was in excess of \$22,000 and was used mainly in support of training courses conducted locally through the Office of Personnel Management, Rocky Mountain Training Center.

Incentive Awards

The technician Incentive Awards Program was instituted to reward, in some measure, those technicians whose ideas resulted in dollar savings to the Colorado National Guard. Further, to show some recognition to those individuals whose performance of duty was consistently above that which is normally expected. In 1979, 13 technicians submitted suggestions which resulted in a savings of \$35,168 to the Colorado National Guard. Each suggestion is forwarded to National Guard Bureau for additional consideration for possible use throughout the National Guard and other departments of military forces. Several suggestions are currently under consideration for use by other agencies of the Department of Defense. Technicians were paid a total of \$890.00 for those suggestions submitted during 1979.

In addition to the Suggestion Program, supervisors may recommend Quality Salary Increases and Sustained Superior Performance Awards for those individuals whose performance has been Excellent and/or Outstanding. These awards are a form of recognition to those employees whose performance and accomplishments are a notable service to the Colorado National Guard. Approximately 1% of the total work-force received these awards during 1979. The total amount awarded was \$3,338.00.

AWARDS

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Many of our Colorado Guardsmen received recognition for their excellence in the military service in the form of medals, placques, or other devices in 1979.

DISTINGUISHED SERVICE MEDAL (AIR) was awarded to Major General William D. Weller, the retiring Adjutant General, for exceptionally meritorious service to the Government in a duty of great responsibility.

ARMY COMMENDATION MEDAL is awarded to any member of the Armed Forces of the United States who, while serving in any capacity with the Army, distinguishes himself by heroism, meritorious achievement or meritorious service, and as further provided by AR 672-5-1. The following members of the Colorado Army National Guard received this award in 1979.

SGM Lester E. Riddle, HHD Colo ARNG
MAJ James J. Stenger, 147th Med Hosp (100 Beds)

ISG Robert I. Mestas, 947th Med Co (Clr)

CSM Nathaniel Mestas, HHD 217th Med Bn
SFC Raymond D. Flanagan, HHD Colo ARNG
COL Imogene Anspach, 147th Med Hosp (100 Beds)
COL Richard E. Bond, HHD Colo ARNG

COL Paul A. Parsons, HQ CAC

COL Donald S. Hightower, HHD Colo ARNG

COL Darrell L. Rowland, HHD Colo ARNG

COL Rex W. Sjostrom, HHD Colo ARNG

LTC Cleon C. Leck, HHD Colo ARNG

LTC Joseph C. Boyersmith, HQ 5th SF Bn

LTC Richard A. Brooks, HQ 217th Med Bn

CSM Lloyd R. Shelton, HHD Colo ARNG

BG Hershel C. Yeargan, HHD Colo ARNG

1SG Kenneth L. Sheriff, 3650th Maint Co Adam 301 VS32 2001 SOT1 S3M OCASO 103

SSG Edward R. Geron, 3650th Maint Co

any capacity in or with the thinked SFC Robert G. Deakins, Det 1 Co B 140th Sig Bn

CPT Larry K. Wilkerson, 928th Med Co (Amb)

The following individuals received the COLORADO COMMENDATION RIBBON during 1979.

William T. Glenn, 140th CAM SQ Monte H. Cook, 140th CAM SQ MSG

SSG Michael B. Gitzen, 140th CAM SQ

TSGT Eddie J. Hartman, 140th Cmbt Supt Sq

MSG Edward J. O'Connor, Jr., HQ COANG

SMSGT Normand Langfelder, 140th CAM SQ

SFC Felix A. DeJulio, 217th Med Bn
W01 Carlo A. Blandina, HQ CAC
1SG Franklin D. Moore, Co C 140th Sig Bn

William S. Polkinghorne, Co D 140th Sig Bn

Armond A. Richards, Svc Btry 1st Bn 157th FA SSG Berverly L. Pack, HHD COARNG 2LT Warner M. Leeds, IV, HHD COARNG Jennings B. Barr, II, HHD COARNG MSG Richard M. Bond, HHD COARNG SFC Scott A. Drysdale, HHD COARNG Larry D. Robertson, HHD COARNG SFC Raymond D. Flanagan, HHD COARNG SFC PSG Harold D. Harris, Jr., Det 1 122d Med Co SP4 John M. Martinez, Det 1 122d Med Co Antonio M. Perea, Det 1 122d Med Co SP5 Antonito T. Salazar, Det 1 122d Med Co PFC SGT Emilio Sella, 140th CAM SQ SSG Elias E. Leisey, 140th CAM SQ Kenneth S. Berwecky, 140th CAM SQ James E. Mielke, 140th CAM SQ CPT SFC Harry L. Wampler, HHD COARNG SFC Thomas Jordan, Jr., HHD COARNG SMSqt Wayne N. Hawley, HQ COANG/OL-AA SFC Felix M. Cheek, HHD 217th Med Bn John J. Herman, HHD COARNG CW2 COL James C. Hall, HQ COANG CMSqt Lowell P. Leigh, HQ COANG LTC Donald O. Neary, 140th Tac Ftr Wg MAJ Joe E. Letsinger, HHD COARNG Dennis B. Stiefvater, HHD COARNG MAJ LTC Melvin M. Mackey, HHD COARNG LTC Kenneth A. Muhle, HHD COARNG SP4 Donald M. Jesik, Co B 5th SF Bn 19th SF Jamie L. Irvin, 3650th Maint Co (FWD DS)(-) 2LT Cynthia Trujillo, HQ 217th Med Bn SSG Daniel L. Marques, Co A 5th SF Bn 19th SF James E. Odell, Co A 5th SF Bn 19th SF

COLORADO MERITORIOUS SERVICE MEDAL is awarded to any person serving in any capacity in or with the Colorado National Guard who distinguishes himself by exceptionally meritorious service to the State of Colorado. In 1979, the following awards were made.

MAJ Robert L. Harrison, 5th SF Bn 19th SF LTC James S. Sellars, HHD COARNG MSG Warren W. Sweat, HHB 2d Bn 157th FA Lester E. Riddle, HHD COARNG CPT Larry K. Wilkerson, 928th Med Co (-) Norman D. Kaiser, 928th Med Co (-) SSG Teresita P. Smith, Det 1 947th Med Co SP5 MSG James A. Evans, 140th CAM SQ TSG Janet A. Wright, 140th Tac Ftr Wg AMN Cindy R. Snow, 140th CAM SQ COL Richard E. Bond, HHD COARNG Joyce C. Terry, 147th Med Hosp SFC Manuel Montez, HHD 217th Med Bn Lawrence A. Hebert, HHB 169th FA Bde SGT Phillip G. Richardson, Co A 5th SF Bn 19th SF SFC

MSG John G. Smithson, HHB 169th FA Bde Leroy A. Smith, HHB 1st Bn 157th FA SMSgt John R. Plunkett, Jr., HQ COANG/OL-AA SFC Robert G. Deakins, Det 1 Co B 140th Sig Bn Civilian Employee Betty Hinton Harry A. Serra, HQ COANG SFC Gene D. Hartfelder, 3650th Maint Co MAJ John W. Allen, Jr., HHD 193d MP Bn MSG James J. Fitzpatrick, HHD 193d MP Bn MSG Frank R. Stephens, OL-AA LTC Richard E. Hatten, HHD COARNG Park G. Wood, Btry A 2d Bn 157th FA MAJ Emmett A. Friel, HQ 217th Med Bn SMSgt Robert M. Minnehan, 140th CAM SQ MSG. John C. Moore, 140th CAM SQ TSG Louis G. Donaldson, 140th CAM SQ SMSgt Normand Langfelder, 140th CAM SQ CW4 Melvin C. Hovde, Sel Svc Sec HHD COARNG CPT William A. Perry, Sel Svc Sec HHD COARNG COL Robert C. Thompson, Sel Svc Sec HHD COARNG

In 1979, 40 RECRUITER BADGES, 21 RECRUITER RIBBONS, and 2 CAREER COUNSELOR BADGES were awarded.

Three awards are made each year to cadets of the Officer Candidate School, one Distinguished Graduate award for each Noncommissioned Officer School and one award to a faculty member. The awards presented during graduation ceremonies in 1979 were:

The Erickson Trophy

For the distinguished graduate for the highest combined academic and leadership averages was presented to Officer Candidate Bert D. Hendricks, Battery B, 2nd Battalion, 157th Field Artillery.

The Association of the United States Army Award

For demonstrating the highest standards of leadership was presented to Officer Candidate Philip B. Knight, Company B, 5th Special Forces Battalion, 19th Special Forces Group (Airborne).

The Adjutant General's Award

For the highest academic average was presented to Officer Candidate Bert D. Hendricks, Battery B, 2nd Battalion, 157th Field Artillery.

The Ivan B. Baker Distinguished NCOS Graduate Award

For achieving the highest academic and leadership averages, the initial award presented to Staff Sergeant Robert C. Dees, Company A, 5th Special Forces Battalion, 19th Special Forces Group (Airborne).

The Commandant's Instructor Award

In recognition of accomplishments, enthusiasm and inspiration to others as selected by the graduating officer candidates was presented to Major Lester M. Reaksecker.

COMMUNITY SERVICE

Community Service

The town of Elbert and surrounding area was without electricity and practically isolated March 22-24, 1979. Snow drifted over the roads several feet deep in places. Freezing snow and fog formed on the electrical lines, breaking them, and in some instances, the supporting poles. The emergency was neither long lasting nor wide spread. The Governor ordered selected individuals with equipment to State Active Duty (SAD). The Colorado National Guard dispatched one generator and one UH-1H helicopter with crews, to the area for two days; a total of 10 man-days were committed to support this emergency operation.

During April, the Colorado National Guard prepositioned communication trucks in both Durango and Monte Vista. The area of greatest flood potential was in the Rio Grande and Animas River drainage. The unusually heavy snowpack in the higher elevations of the San Juan Mountains posed a serious flood threat. The Military Support Section and 7 Guardsmen participated in a Command Post Exercise (CPX) May 8-9, 1979 in Alamosa. The exercise was conducted by the Colorado State Patrol, National Weather Service and local government officials. The Colorado National Guard furnished three ambulances and six Guardsmen (State Active Duty) from the local unit to the Alamosa County Sheriff for the exercise May 9.

Ten National Guard volunteers were employed by the National Forest Service to assist in the supression of a fire near Estes Park, October 2.7, 1979. Equipment used: one 1½ ton truck, four 2½ ton trucks, two 5 ton trucks, and four 1½ ton water trailers. All costs for personnel, fuel, equipment and repairs amounted to \$3,796.33, and was funded by USDA National Forest Service. The costs for fuel and repairs were reimbursed to USPFO-CO by the National Forest Service.

Members of Colorado Army National Guard Headquarters and Headquarters Detachment (HHD) and Command and Control Headquarters (CAC) participated in the Colorado State Area Command (CO-STARC) mobilization exercise August 17-19, 1979. This was the first exercise of the CO-STARC organization. The scenario was written by the 1st U. S. Army Maneuver Training Command (1st MTCO, USAR). The purpose of the exercise was to exercise the mobilization preparedness and military support to civil defense capabilities of CO-STARC. The 20 hour CPX exercised the STARC's mobilization planning, provided civil defense instruction and exercised the civil defense planning. In addition to the 132 officers and enlisted participants, 1st MTC team, the USAF Reserve MOBDES personnel were utilized as instructors and evaluators. The USAR 5006th Civil Preparedness Detachment provided exercise communications. Visitors/observers attended from Headquarters 6th U. S. Army and Kansas Army National Guard.

Three enlisted National Guard personnel responded to emergency rescue of a stranded Colorado State Patrol Communications Technician, who was repairing a Microwave relay station some 30 miles south of Lamar, in Baca County. The Guard dispatched on October 30, 1979, two $2\frac{1}{2}$ ton trucks and successfully rescued and returned the technician to Lamar. Total cost to the State for fuel: \$162.00.

Nine Guardsmen supported State Active Duty emergency operations
November 2-4, 1979. The emergency resulted from a snowstorm with
blizzard conditions in southeastern Colorado, centered primarily in
Baca County. The Guardsmen responded to missing person reports,
supplying needy people, delivering over 30 tons of hay to stranded
cattle and other assistance to the Sheriff's Department. Two UH-1H
helicopters and two refueling tankers were used in the operation.
Total cost of State Active Duty for 27 man-days - approximately
\$5,400.00. No expense to the Federal Government. The duty was excellent
operational training.

Colorado National Guard units and individuals in volunteer non-paid status continued charitable activities and organizations, such as Boy and Girl Scouts, blood drives, youth groups and other legal non-profit groups.

DIVISION OF
DISASTER
EMERGENCY
SERVICES

WARTIME Services RADIOLOGICAL DEFENSE Emergency OPERATIONS DIRECTOR DISASTER Misaster ADMINISTRATIVE SUPPORT

MAINTENANCE

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DODES History, 1979

The Colorado Division of Disaster Emergency Services was created by the Disaster Emergency Act of 1973, to serve Colorado and its citizens in times of greatest need. The Division is charged specifically with assisting Colorado's local governments to prepare for, respond to, and recover from all types of disaster/emergency events which may overtax their resources. During 1979 events and studies demonstrated a need to improve the capabilities of the Division to meet this challenge in the 1980's. In its first seven years, and indeed in the many years of its predecessor agency, the Colorado Civil Defense Agency, Federal funding sources dictated that priority be given to preparedness for enemy attack. Realization grew that the frequency and cost of disaster in peacetime demanded an efficient and comprehensive approach to emergency management. Colorado's vulnerability to such events is growing with its population and an expanding and increasingly complex economy.

In 1979, executive and legislative actions focused attention on the Division. The principal tasks involved in achieving the goal of protection of Colorado's citizens, as mandated in the 1973 Act, in both peace and war are:

- Identifying and assessing the increasing vulnerabilities of a growing population.
- Taking all feasible steps to mitigate hazards within the State.
- Assisting local governments to provide a level of preparedness commensurate with risks and resources.
- Providing leadership in defining the growing role of State government in comprehensive emergency management.

- Effectively bringing to bear State and Federal resources in response to the disaster/emergency needs of Coloradoans (as it did on 129 occasions in 1979).
- Managing recovery activities of State and Federal governments to provide the maximum assistance for Coloradoans affected by disaster.

The effort required will grow significantly in the next decade as our populaton and the complexities of our use of resources and space grow. Changes in technology and lifestyle will create greater demands upon State and local governments to serve the preparedness needs of their citizens.

The cost of these services will inevitably grow, and a percentage of these costs may have to be shouldered by State government. The provision of a system of comprehensive emergency management in the Colorado of the 80's will have to be a joint venture of local government, and the Federal government. The assessment of the needs of Colorado's citizens must be continuous and should be matched by the commitment of public officials to provide for these needs.

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1979 was a year of unprecedented change and opportunity for the Division of Disaster Emergency Services. In February of 1979, Governor Lamm, sensing the disaster vulnerabilities of Colorado and concerned with the effectiveness of the Division of Disaster Emergency Services, appointed a task force, drawn largely from the private sector, to study the management and efficiency of the Department of Military Affairs. A Disaster Preparedness Subcommittee focused its attention on DODES. The findings of this committee, along with the results of a May flood exercise for the San Luis Valley, indicated that, indeed, the Division of Disaster Emergency Services was incapable, as constituted, of fulfilling its role under the Colorado Disaster Emergency Act of 1973. It was from this finding and the commitment of Governor Lamm and the Legislature to improve the capabilities of the Division that truly significant changes flowed throughout 1979. An initial step in this enhancement period was the appointment of Mr. John "Pat" Byrne, on loan from the City and County of Denver, as the Governor's Special Representative. Mr. Frank N. Bales, on loan from the Federal Emergency Management Agency, joined the staff as Mr. Byrne's Executive Officer. An immediate result of this infusion of leadership and Governor Lamm's continued support was the initiation of an upgraded communication system within the EOC. Along with improved communication equipment capability came general emergency operations center improvements, redefinition of staff responsibilities, formalized EOC procedures, a greatly enhanced 24-hour Duty Officer capability and a single State emergency number - 279-8855.

Fort St. Vrain

Paralleling these developments were growing concerns about Colorado's ability to respond to a radiological emergency at the Fort St. Vrain Nuclear Generating Plant. These concerns grew from the lessons learned from the Three Mile Island Plant incident and focused on the need to complete the Division's radiological emergency response plan. This intense revision of the Fort St. Vrain Plan required the full-time efforts of two DODES staff members plus much of the time of the remainder of the staff. The first draft of the Fort St. Vrain Plan was finished in April. Following a meeting with the Governor's office and all State, county, and local agencies involved for critical review; a second draft was produced in July of 1979. This was reviewed by the Regional Advisory Committee of the Nuclear Regulatory Commission and comments from this review are incorporated in a further draft and changes in November of 1979. To fulfill the Nuclear Regulatory

Commission's charge that the plan be exercised, in October DODES' staff were assigned the many tasks involved in a massive exercise of this type. The exercise was scheduled for February, 1980. Work continued throughout the remainder of the year in preparation and by the time of the exercise, it was estimated that a total of four man years would have been devoted to this project.

Rocky Flats

Another "fixed site" nuclear concern of Colorado is the Rocky Flats Nuclear Weapons Plant. At the same time the Division was involved in the Fort St. Vrain activities, inital steps were being taken for the development of a series of exercises of the Rocky Flats Plan with representatives of Jefferson, Boulder, Adams Counties, the Department of Energy, Federal Emergency Management Agency, all State agencies, and Rockwell International. This first exercise of "off site" response to an incident at the plant will be held during the summer of 1980, and is of paramount concern in the DODES work plan.

House Bill 1566

During 1979, a significant change in the organization of the Division of Disaster Emergency Services came about through House Bill 1566. This amendment to the Disaster Emergency Act of 1973 provided for a civilian Deputy Director to serve as head of the Division. He is charged with establishing rules and regulations to govern the reimbursement of funds to State agencies and political subdivisions and is authorized to approve reimbursement of expenses for Search and Rescue operations in Colorado. The amendment further provides personnel services through the Merit System Council for Civil Defense employees of political subdivisions of the State. In partial response to these mandates The Administration of Disaster Emergency Assistance in Colorado, along with Guidelines for Relief Planning at the Local Level were published in December, 1979.

Hazard and Damage Assessment/Emergency Operations

Faced with the constant threat of Spring flooding, the operations staff of DODES was in virtual hourly contact with authorities of the Western and Front Range Counties most threatened. The "flood watch," which lasted over three weeks, kept the Governor apprised of the danger through twice-a-day Situation Reports delivered by courier to the Capitol and mansion. This level of assessment, including field inspections by DODES' staff and local authorities of threatened areas, enabled DODES to provide State services to a large number of counties as it was needed.

During 1979 Colorado experienced the rarity of a tornado literally in the Foothills. In June, Manitou Springs suffered tens of thousands of dollars of damage from a tornado. DODES' staff responded to accomplish damage assessment to determine the State response. During November and December severe winter storms hit Baca, Las Animas, Weld,

and Logan Counties. The DODES operations staff, working from the Emergency Operations Center, assessed the damages caused by the storms and coordinated State response to the affected counties. A total of \$60,000 in aid from the Highway User Fund and the Agricultural Disaster Fund was required to assist in the stricken areas.

In addition to the above, the DODES operations log reflects that during 1979, the following 127 other disaster/emergency situations required some action by the Division:

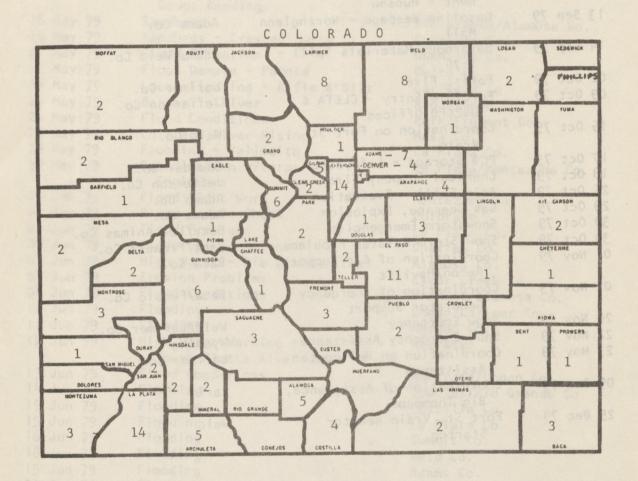
01	Jan	79	UAL Cargo, re Spill - Staple- ton Airport	Denver Co.
05	Jan	79	Pikes Peak Incident (Possible Earthquake)	El Paso/Teller Co.
06	Jan	79	Blair Incident - re Xylene	Summit Co.
	Jan		Morrison - Frozen Water Main	Jefferson Co.
	Jan		Gasoline Seepage - Colorado	El Paso Co.
12	odii	1)	Springs	need, the Division of
15	Jan	79	Gasoline Tanker - Slow Leak,	Adams Co.
	0011	,,	Thornton	And of 19 fartists was from
15	Jan	79	Irrigation Pipe - Palmer Lake	El Paso Co.
	Jan	The state of the s	Arc Welder for Idledale	Jefferson Co.
	Jan		Water Problems - Palmer Lake	El Paso Co.
	Jan		Snow Removal - Southwestern	Montezuma Co.
.,	odii	13	Colorado	
22	Jan	79	Train Derailment - South of	Larimer Co.
	odii	13	Laramie	Line of Laboratory
22	Jan	79	Vanadium Incident	Summit Co.
	Jan		Train Derailment	Larimer Co.
-	Jan		CAP Search & Rescue South of	La Plata Co.
2)	odii	13	Durango	
23	Jan	79	Checkup on Arc Welders for	Jefferson Co.
-)	odii	13	Idledale	
23	Jan	79	Palmer Lake Water Problems	El Paso Co.
	Jan		Gasoline Seepage - Colorado	El Paso Co.
-	odii	13	Springs	Register Statistics bills by 1838ii
25	Jan	79	Snow Removal - Silverton	San Juan Co.
	Jan		Blackhawk Water Problems	Gilpin Co.
	Jan	COLUMN CONTRACT	Snow Removal - Statewide	Colorado
	Jan		Snow Equipment, Expenses	La Plata Co.
	Jan	1010111011	Blackhawk Water Problems	Gilpin Co.
-	Jan	1073 1 1 1 1 1 1 1 1 1	Wildlife Condition in State	Mineral/Moffat Co.
-	Feb		Meeker Water Problem	Rio Blanco Co.
	Feb	CONTRACTOR NAMED IN	Request for Sandbags	Gunnison Co.
	Feb		Conifer - Frozen Water Pipes	Jefferson Co.
	Feb		Blackhawk - Frozen Water Pipes	Gilpin Co.
	Feb		Transfer of Arc Welder to	Jefferson Co.
	30. 8.	11.5790	Conifer	Require tary Servension and
09	Feb	79	Brook Forest Water Dist	Jefferson Co.
	ann	niciación de	Frozen Lines	
09	Feb	79	Wondervue Water Co	Jefferson Co.
	*DIS	, 25m1	Frozen Lines	TO TOURS OF THE COURSE OF
12	Feb	79	Brook Forest Water Problems	Jefferson Co.

1/ 5 / 70	of servera amort arboots no no	
14 Feb 79	Coordination of Sandbag	Mesa Co.
43 Aug 79	Availability	
16 Feb 79	Water Problems - Eaton	Weld Co.
	Development	
16 Feb 79	Frozen Water Mains -	Clear Creek Co.
	Georgetown	THE STATE OF THE PO
20 Feb 79	Blackhawk - Supply of Pipe	Gilpin Co.
21 Feb 79	Flooding Situation	
21 Feb 79	City Water Problems -	Saguache Co.
21 160 /3		Gilpin Co.
01 4 70	Blackhawk	Gauge Rea
01 Mar 79	Flooding & Ice - Saguache	Saguache Co.
05 Mar 79	Downed Plane	Eastern Colorado
05 Mar 79	Estimate of Flood Potential	La Plata/San Miguel Co.
07 Mar 79	Brook Forest Water Problems	Jefferson Co.
07 Mar 79	Downed Aircraft	Costilla Co.
07 Mar 79	Snow Removal - Silverton	San Juan Co.
08 Mar 79	Brook Forest Water Situation	1-66
12 Mar 79	Inquiry re Flood Potential -	Delta Co.
	Surface Creek	beita co.
12 Mar 79	Potential Flooding - Lake City	Hinsdale Co.
20 Mar 79	Coffer Dam Failure -	
20 1101 /5		Jefferson Co.
21 Mar. 70	Wheatridge	Ol Jun 79 Flood shights
21 Mar 79	Water & Power Outage - Calhan	El Paso Co.
21 Mar 79	Power Outage - Elbert County	Elbert Co.
22 Mar 79	Road & Highway Closings due	Kit Carson/Lincoln Co.
	to Snow	O7 Jun 79 High-Marsett
22 Mar 79	Winter Storm Emergencies	
22 Mar 79 22 Mar 79	Winter Storm Emergencies	El Paso/Elbert Co.
		El Paso/Elbert Co. El Paso Co.
22 Mar 79 23 Mar 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co.
22 Mar 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co.
22 Mar 79 23 Mar 79 23 Mar 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co.
22 Mar 79 23 Mar 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co.
22 Mar 79 23 Mar 79 23 Mar 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package -	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package - Stapleton Airport	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package - Stapleton Airport Power Outage - Arapahoe	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79 04 Apr 79 05 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package - Stapleton Airport Power Outage - Arapahoe County Airport	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package - Stapleton Airport Power Outage - Arapahoe County Airport Flood Water Problems -	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co. Denver Co. Arapahoe Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79 04 Apr 79 05 Apr 79 07 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package - Stapleton Airport Power Outage - Arapahoe County Airport Flood Water Problems - Durango	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co. Denver Co. Arapahoe Co. La Plata Co.
22 Mar 79 23 Mar 79 23 Mar 79 04 Apr 79 04 Apr 79 05 Apr 79	Winter Storm Emergencies Calhan Area Power Outage Snow Removal Checked Potential Flood Hazard Coordination re Economic Losses Damaged Radiological Package - Stapleton Airport Power Outage - Arapahoe County Airport Flood Water Problems - Durango Sandbags for Pagosa Springs	El Paso/Elbert Co. El Paso Co. Elbert/El Paso Co. Montrose Co. Denver Co. Denver Co. Arapahoe Co. La Plata Co.
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	Apr		Coordination on Flood	Alamosa Co.
	May		Picric Acid - Cheyenne Wells	Cheyenne Co.
02	May	79	Streams Out of Banks - Fort	Larimer Co.
			Collins	
	May		Dike Requireqments	Alamosa Co.
	May		Potential Flooding - Pitkin	Gunnison Co.
	May		Raw Sewage in Platte River	Arapahoe Co.
	May		Sandbags for Gunnison/Lake City	Gunnison/Hinsdale Co.
	May		Notification re Bear Creek Gauge Reading	Jefferson Co.
	May		Sandbags	Rio Grande/Alamosa Co.
	May		Sandbags - Crested Butte	Gunnison Co.
	May		Flood Situation	Gunnison Co.
	May		Flood Damage - Paonia	Delta Co.
	May		Local Flooding - Rifle & Silt	Garfield Co.
	May		Boxcar in River	Rio Grande Co.
	May May		Flood Conditions	Park/Fremont Co.
	May		Colorado River Rising	Mesa Co.
	May		Flooding - Vallecito Coordination w/Corps	La Plata Co.
50	nay	15	Engineers	La Plata/Montezuma Co.
01	Jun	79	Flood Fight Work	Montagues C-
	Jun		River Levels Check	Montezuma Co. Colorado
	Jun		Flood Problems	La Plata Co.
	Jun		Clean-up Operations	Chaffee Co.
	Jun		High Water - Rio Grande River	Alamosa Co.
	Jun		Erosion Problems	Clear Creek Co.
	Jun		Flood Conditions	Fremont/Alamosa Co.
	Jun		Flooding	Logan/Larimer Co.
	Jun		Flooding	Morgan Co.
12	Jun	79	High Water Warning -	Nebraska
			South Platte River	
	Jun		Flood Conditions	Montrose/Logan Co.
	Jun		Flooding	Douglas/Rio Grande Co.
15	Jun	79	Flooding	Costilla Co.
15	Jun	79	Flooding	La Plata Co.
	Jun		Flooding	Summit Co.
	Jun		Flooding	Weld Co.
	Jun		Flooding	Adams Co.
	Jun		Flooding	Summit Co.
	Jun		Flooding	Costilla/Summit Co.
	Jun		Coordination on Removal Bodies - Crestone Park	Saguache Co.
	Jun		Flood Damage	Costilla Co.
	Jun		High Water Conditions	Summit Co.
	Jul		Tornado - Bennett	Adams Co.
	Jul		City Water Problems - Victor	Teller Co.
	Jul		Power Outages	Fremont Co.
	Jul		Water Supply Problem - Pueblo West	Pueblo Co.
	Jul		Radioactive Cannisters	Denver Co.
	Ju1		Wyoming Tornado	Laramie Co., WY
	Jul		Aircraft Crash	Park Co.
22	Jul	79	Search for Aircraft	Grand Co.

24 Jul 79 09 Aug 79 23 Aug 79 29 Aug 79	Snow Melt Runoff - San Juan Chemical Incident - Seibert Leaking Dam - Georgetown Natural Gas Pipeline Rupture - Watkins	La Plata Co. Kit Carson Co. Clear Creek Co. Arapahoe Co.
07 Sep 79	Leaking Chemical Tank Car - Parshall	Grand Co.
07 Sep 79	Chemical Spill Union Carbide Plant - Uravan	Montrose Co.
11 Sep 79	Burlington Northern Derail- ment - Hudson	Weld Co.
13 Sep 79	Gasoline Seepage - Northglenn Mall	Adams Co.
14 Sep 79	Hazardous Materials Spill - 1-76	Adams/Weld Co.
02 Oct 79 09 Oct 79	Forest Fire Forcible Entry - CLETA &	Larimer Co. Jefferson Co.
15 Oct 79	USP&FO Offices Coordination on Fort St. Vrain	Weld Co.
17 Oct 79 18 Oct 79 25 Oct 79	PCB Storage - Lafayette Chemical Company Fire Acid Spill - Evacuation	Boulder Co. Jefferson Co. Adams Co.
29 Oct 79 30 Oct 79	Gas Seepage, Explosion Snowstorm Emergencies	Adams Co. Baca/Las Animas Co.
30 Oct 79 01 Nov 79	Snow Storm Related Problems Coordination of Air Support, Recon/Haylift	Bent/Prowers Co. Baca Co.
02 Nov 79	Coordination of Emergency Generator Support	Baca/Pueblo Co.
20 Nov 79 22 Nov 79	Snow Emergency	Weld/Larimer Co.
23 Nov 79	Snow Emergency Assistance	Wyoming
and upmersel	Coordination on Helicopter Assistance	Larimer Co.
05 Dec 79	Coordination of Assistance, Big Thompson	Larime
25 Dec 79	Fort St. Vrain Reactor Startup	Weld

D.O.D.E.S. 1979 Disaster/Emergency
Support to Counties



On-Site Assistance

As part of DODES' efforts to improve emergency management in Colorado, a program of on-site assistance to upgrade local preparedness was developed. This program was designed to aid counties and selected municipalities to comply with the Colorado Disaster Emergency Act of 1973, and also to comply with the Governor's Executive Order that "the Division of Disaster Emergency Services be responsible for overseeing and coordinating the development of local disaster emergency preparedness plans."

Essentially this program involved reviewing and evaluating existing local response plans in light of local vulnerabilities and capabilities to respond; offering assistance in developing mitigation, relief and recovery plans, encouraging the integration of local capabilities with State and Federal resources which might be requested in time of emergency, and insuring that emergency response officials understand Colorado's statutory standards.

To initiate the program, a series of visits were planned for Jefferson, Boulder, Larimer, Weld, El Paso, Mesa, Delta, Montrose, Gunnison and Adams Counties. As a spring flood threat was expected, visits were planned to the San Luis Valley Counties, as well as Archuleta, La Plata, Montezuma, Dolores, Morgan, Logan and Sedgwick Counties to concentrate on potential flooding problems. DODES has included on the vist teams other State agencies, such as the National Guard, Social Services, Health, and Highways as well as private agencies, such as the Red Cross and Salvation Army, which are most likely to have response tasks assigned in actual emergencies. These on-site visits began early in 1979, and DODES comprehensive planning includes eventual visits to all counties.

The program includes consultation with County Emergency Staffs, Sheriffs, and Commissioners, applying standardized preparedness criteria for systematic measurement. Following each visit, written recommendations will be forwarded to County Commissioners and to the Governor.

Federal Emergency Management Agency

Great changes took place in the Emergency Management structure of Federal government also during 1979. In October, the Federal Emergency Management Agency was formed from the Defense Civil Preparedness Agency, the Federal Disaster Assistance Administration, the Federal (Flood) Insurance Administration, and other smaller agencies. Some of these agencies are Federal funding sources for the Division and close association existed with them.

With the formation of FEMA the President centralized the 'coordination of emergency management functions of Federal government. This same type of centralization of function and authority is the goal of the reorganization of DODES.

DODES and Local Government

Federal funds from the Defense Civil Preparedness Agency, which in October was incorporated into the Federal Emergency Management Agency as the Plans and Preparedness Section, are made available to DODES and to local governments. These funds, totaling \$429,073 in 1979, are provided on a matching basis as the Federal contribution to preparedness. Oversight of the strict criteria of eligibility of these funds is another DODES task.

During 1979, through DODES, local eligible Colorado political subdivisions obtained on a 50-50 matching basis, the following types of Federal financial assistance.

Program blood and bear appeared in	Number of Projects	Number of Participants	Amount
State/Local Management Program (Program covers shared costs for Personnel and Administrative expenses)	33	l State 7 Cities 25 Counties	\$354,019
Maintenance and Services (Program covers recurring costs and necessary maintenance and repair for Emergency Warning and Communications Systems, plus Emergency Operations Centers)	40	3 State 4 Cities 8 Counties	
Supporting Materials (Shared expense on capital equipment of warning type emergency communications and other materials necessary to cope with a disaster situation)		7 Counties	

During 1979 approximately 80 local directors and staff attended three seminars held at Colorado Springs, Colorado, and Vail, Colorado. Topics in the broad area of comprehensive emergency preparedness were presented by the staff of DODES, Federal Emergency Management Agency, various State agencies, the University of Denver, the University of Colorado, the National Weather Service, and others. The diversity of topics and speakers reflected the complexity of emergency management.

During the September seminar at Vail, the State Executives' continued commitment to emergency preparedness and genuine interest in local government's role as evidenced as Lt. Governor Nancy Dick was the opening speaker before a group of over sixty local officials. Three days later, the meeting closed with an address from Governor Richard Lamm. The Governor said in part:

"My sensing is that many Governors, especially in the Western States, see a need to upgrade their State's emergency management programs. As our populations and economics expand we become more vulnerable to technological hazards, materials shortages, and mass casualty events than we have been. I intend to focus this State's efforts in the Division of Disaster Emergency Services. With encouragement from the Division, the other Departments of State Government will become more active in contingency planning and exercising their capabilities to respond to criteria.

The brunt of a disaster comes to bear at the local level of government. Most of you work in local preparedness organizations and you know better than I do the need for effective assistance from State and Federal governments when a major disaster strikes. The partnership of all three levels of government, along with the private sector, needs to be strengthened. The Three Mile Island accident brought this lesson home in a most forceful way. We simply must work together better across the whole spectrum of mitigation, response, relief, and recovery planning and operations. The Comprehensive Emergency Management Study of the National Governor's Association provides a useful blueprint for a Governor, and I'll pay close attention to those suggestions. The National Association of Counties and the U. S. Conference of Mayors are conducting similar studies for those levels of government.

The new leadership in the Department of Military Affairs, General John France as the new Adjutant General and Pat Byrne as my Special Assistant in the Division of Disaster Emergency Services, are already working on plans for long-range improvements. I plan to control the State response to disasters from the Emergency Operations Center. Your plans should take this into account as you consider how to communicate information and needs for assistance to the State. We will exercise more frequently procedures for decision-making between Operations Centers and share after-action reports so the lessons learned are available to all."

In 1979 the Division of Disaster Emergency Services was privileged to make presentations to local officials through Colorado Counties, Inc., the statewide organization of County Commissioners, and the Colorado Sheriff's Association. Direct contact with the officials of local governments through meetings such as these and the on-site assistance visits is vital to the accomplishment of DODES' role of developing a system of comprehensive emergency management serving local, State, and Federal interests.

DODES and Local Preparedness in Colorado

A primary task of the Division is assistance to and oversight of disaster preparedness in all of the counties in Colorado. County government is the cornerstone of preparedness and the first line of disaster response.

DIVISION OF CIVIL AIR

PATROL

CAP Highlights, 1979

The Colorado Civil Air Patrol was again number one in the Nation in the number of lives saved during 1979. Four of those saved were in an aircraft that crashed high in Rocky Mountain National Park. Civil Air Patrol volunteers spent Christmas Day searching, locating and removing the members of a Longmont family from their aircraft after a trip to California ended with an emergency landing.

Nationwide, Civil Air Patrol saved the lives of fifty-five persons and located search objectives 499 times. CAP volunteer members participated in 1,000 search missions, flew 18,340 hours and spent many thousands of man-hours doing ground related work. Search and Rescue (SAR) statistics continue to get better for the Civil Air Patrol in Colorado and nation-wide due to continued upgrading of CAP's expertise and capability in conducting the SAR mission and increased use of SAR aids and tools. According to the Air Force Rescue Coordination Center (AFRCC) data, the Emergency Locator Transmitter (ELT) has proven to be the best aid to searchers and the best hope for timely rescue of survivors of air crashes.

Each year more volunteer man-hours than can be counted are donated to the people of Colorado by the Civil Air Patrol. The hours spent searching for missing aircraft, lost hunters and hikers, and distress signals from ELTs (many of which are false signals due to inadvertent activation of the ELT) by members of the CAP constitutes a great saving in tax dollars and man-hours. In 1979 alone, the Colorado CAP instituted searches for 125 ELT signals. Of these, only 18 were assigned official "mission numbers." The other 107 were found by CAP volunteers spending their own money for fuel with no reimbursements from the United States Air Force.

There was a total of seventy-one "official missions" during 1979, an average of one and a half per week. If the United States Air Force, of which Civil Air Patrol is an auxiliary, was doing all the search and rescue missions now assigned to CAP, nationwide the cost would easily have risen past the two million dollar level. In Colorado alone, the taxpayers were saved more than \$350,000 by CAP volunteers.

Cadets in the Civil Air Patrol are those males and females 13 through 18 years of age who are enrolled in a public or private school and maintain satisfactory progress. They must be single and not a member of the Armed Forces. The Cadet Program consists of training in aerospace education, military leadership, physical fitness, and moral leadership. The program normally takes about five years to complete. In 1979, the highest recognition available, the Carl A. Spaatz Award, was won by David Stahl. Stahl, a student at the University of Northern Colorado, was the eleventh person in Colorado to receive the honor.

Each year the National Civil Air Patrol corporation awards more than \$40,000 in educational grants and scholarships to deserving cadets.

During 1979, the Cadet Program was very active. The following is a partial list of some of the activities cadets were involved in as part of their overall training.

Summer Encampment | Shortski historiak visak ni dpid bedests ish 37813

Cadets from Colorado attended this activity at the United States Air Force Academy. The program is conducted under CAP supervision with military advice, assistance and cooperation, and enables cadets to live in the environment at which they are conducted. Costs are paid by the individual member.

National Activities based one dones . Allow besselen boutong police and name

Each year Civil Air Patrol cadets in the country participate in an activities program consisting of orientation courses, officers schools, and survival courses at Air Force installations around the United States.

International Air Cadet Exchange

The IACE is a one month program to foster international understanding, goodwill and fellowship. CAP exchanges cadets with similar organizations in Canada, Europe, the Middle East, the Far East, and the South Pacific. Approximately two hundred cadets and a like number of foreign participants representing some twenty-two countries take part in the exchange. During 1979, Colorado was represented by Scott Murphy, William Murray, and Kathleen Kleewein. The program is jointly funded by the USAF and the CAP National Corporation.

Cadet Flying

This is a major part of the CAP program. It is offered as an incentive for cadets to complete the CAP Cadet Program, as an introduction to general aviation, and as motivation for cadets to enter aviation careers, either civilian or military. Colorado cadets received more than two hundred hours of orientation flight time equaling well over three hundred separate flights.

In addition to flight orientation, cadets have the opportunity to learn to fly on their own or compete for various scholarships for solo flight and training through their Private Pilots Licenses. Funds for this program are provided on a cost-sharing basis between individuals and the Civil Air Patrol Corporation and from monies specifically donated for such purposes. No State appropriated funds are used for cadet programs or activities.

Reseme Missioms 29 Search

Opening Closing Date Date	Jan	23 Jan 24 30 Jan 30 4 Feb 4	Feb 19	21 Feb 21 2 Mar 5	21 Feb 21 2 Mar 5 2 Mar 2 7 Mar 8	21 Feb 21 2 Mar 5 2 Mar 7 Mar 10 10 Mar 10 14 Mar 14	21 Feb 21 2 Mar 5 2 Mar 6 10 Mar 10 14 Mar 10 16 Mar 14 18 Mar 19 19 Mar 30 31 Mar 19 7 Apr 7	21 Feb 21 2 Mar 2 2 Mar 25 10 Mar 10 14 Mar 10 18 Mar 19 19 Mar 19 19 Mar 19 11 Apr 11 12 Apr 7 11 Apr 11 12 Apr 11
Location of Find	Colorado Springs Crested Butte Area SE Durango	4 miles E of Arapahoe Airport 10 miles S of Platoro Gunnison Valley						
Type of Mission	Meteorite Helicopter Lost People	Snowmobilers gency Animal Feedin	Possible Downed Aircraft Blood Flight Cessna 210, N-761MV Snow Cat transported pre-heater	15000 000000000000000000000000000000000	Mountain Check out Aircraft Wreckage Sighting	tai out tin tin Fli	untai cout ghtin d Fli A-6 A-6 a 31 ey Ma	rtai out Fli Fli Fli Ma Ma Ma out tof
on Number	25-01-0979 FRCC 7-071 FRCC 7-078A	7-08	AFRCC 7-186 AFRCC 7-199 * AFRCC 7-239 127-030279		CC 7-270	C 7-270 C 7-280 C 7-314A C 7-326	7-270 7-280 7-314A 7-326 7-343 7-416 7-416	C 7-270 C 7-280 C 7-314A C 7-326 C 7-343 C 7-408 C 7-416 C 7-416 C 7-416 C 7-455 C 7-472

Opening Closing Date Date	9 Jun 24 23 Jun 24 26 Jun 28 3 Jul 5 7 Jul 7	212 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	15 Aug 15 Aug 18 Aug 18 Aug 21 Aug 22 Aug 22 Aug 22 Aug 27 Aug 27 Aug 27 Aug 27 Aug 1 Sep 20 Sep 20 Sep 20 Sep 5 Oct 6 Oct 14 Oct 16 Oct 20 Oct 21 Oct 21 Oct 22 Oct 23 Oct 23 Oct 26 Oct 26 Oct 20 Oct 23 Oct 26 Oct 26 Oct 20 Oct 20 Oct 20 Oct 23 Oct 25 Oct 26 Oct 26 Oct 27 Oct 26 Oct 26 Oct 27 Oc
Location of Find	Ft. Collins/Loveland Airport Pueblo & Montrose Sangre De Cristo Range Crested Butte Gilpin County Australia	Lama Airport Gore Range, Walked Out Las Vegas Airport Grand Junction Area Lamar Delta County	Grand Junction to Cortez Ouray Area Larimer County Price, Utah E of Cheyenne Laramie, Wyoming Pueblo Airport SW of Grand Junction Stopped Transmitting 10 miles S of Gunnison Beck Mountain Hanksville, Utah Near Columbine, Colorado Near Steamboat Springs Gunnison Area Petterson AFB
Type of Mission	ELT Disaster Relief 4 Missing People PA-28, N-2203F Sighting of Wreckage Skylab Watch	ELT SAR Test Cessna 150 Lost Boy PA-20, N-2254A ELT Medical Airlift 2 Lost Girls	Medical Airlift 2 Lost Hikers Sighting of Wreckage PA-18, N-6455J ELT Lost Female SARCAP Possible Downed Airplane Stranded Trucker ELT Cessna 210, N-7938T Advise Hunter Father Seriously Injured Insering Hunters Missing Person Lost Hunter 4 People in a Jeep ELT
Mission Number	AFRCC 7-756A S76-5-79 AFRCC 7-831A AFRCC 7-865 129-070779		AFRCC 7-1081A * AFRCC 7-1093A 131-082179 AFRCC 7-1113 AFRCC 7-1157 AFRCC 7-1165A S112-8-79 AFRCC 7-1265A AFRCC 7-1328 AFRCC 7-1328 AFRCC 7-1328 AFRCC 7-1353 132-102079 AFRCC 7-1392A AFRCC 7-1392A AFRCC 7-1392A AFRCC 7-1402A AFRCC 7-1402A AFRCC 7-1456

AFRCC 7-1465 AFRCC 7-1477 AFRCC 7-1544A ++	Cessna 310, N-1758H ELT Missing Hunters	New Mexico Paonia, Colorado	Date 9 Nov 12 Nov 26 Nov	12 Nov 12 Nov 26 Nov
* * * * * *	ELT ELT Cessna 172, N-36LM PA-23,N-2013P	Littleton (in a garage) Buckhorn Lake Area, Montrose 39 miles NW of Longmont	9 Dec 10 Dec 15 Dec 24 Dec	2651

+ Finds * Saves

COLORADO NATIONAL GUARD

IN° MEMORIAM

SFC WILLIAM H. WOODLEY Btry A 2d Bn 157th FA 7 February 1979 CPT DENNIS E. KLOCK 120th Tactical Fighter Squadron 28 February 1979

SSG GARY E. WAGNER 140th Cmbt Spt Sq 11 March 1979

CPT HAROLD M. COCHRAN 140th Tactical Fighter Wing 24 April 1979

MG IRVING O. SCHAEFFER Retired 25 April 1979 SSG LINN H. LEWIS 138th Tactical Control Flight 18 April 1979

SP4 MICHAEL M. SHULD HHB 169th FA Bde 20 May 1979

SGT TOMMY LEE SMITH 140th Con 11 August 1979

SSG CHARLES O. NESBIT III Co A 5th SF Bn 19th SF 6 October 1979

