

CONSOLIDATED FIRE DISTRICT

19

67



ANNUAL REPORT

A MESSAGE FROM THE CHIEF

CONTRA COSTA COUNTY CONSOLIDATED FIRE DISTRICT



FIRE CHIEF
A. V. Streuli
2010 Geary Road
Pleasant Hill, California 94523
TELEPHONE 4151 953-3400

BOARD OF FIRE COMMISSIONERS
Robert L. Schroder - Chairman
H. Alvin Limberg, Vice-Chairman
Daniel E. Bosworth
Leo F. Suenkel
Harold E. Wildes

The Honorable Board of Fire Commissioners
Contra Costa County Consolidated Fire District
Pleasant Hill, California

Gentlemen:

The Contra Costa County Fire Protection District's Chief of Staff submits for your approval the Third Annual Activity Report of the Fire District.

This year, 1967, the District again lowered the fire tax rate by \$.049, providing a \$.75 tax rate. Since our organization in December 1964, we have reduced our tax rate by \$.122. This represents a saving of 14% to tax payers throughout our jurisdiction.

With the addition of the Mt. View Fire District, we presently serve an area of 120 square miles with a population of approximately 300,000.

The District has now completed Phase I of our Fire College and Fire Station #10. Work on Phase II will commence prior to June 1968. These facilities have already been utilized by many State Fire Training Organizations and Fire Prevention groups.

Our greatest effort this year has been in reviewing our many programs - Fire Training, Fire Alarm Communications, Fire Prevention and Engineering, Public Education and Public Relations.

With the intent of refining and continual upgrading in the improvements of these programs, we, the administrative staff, are following your direction in presenting to our citizens the finest level of fire protective service as possible on a sound economical level.

Respectfully submitted,

A. V. Streuli

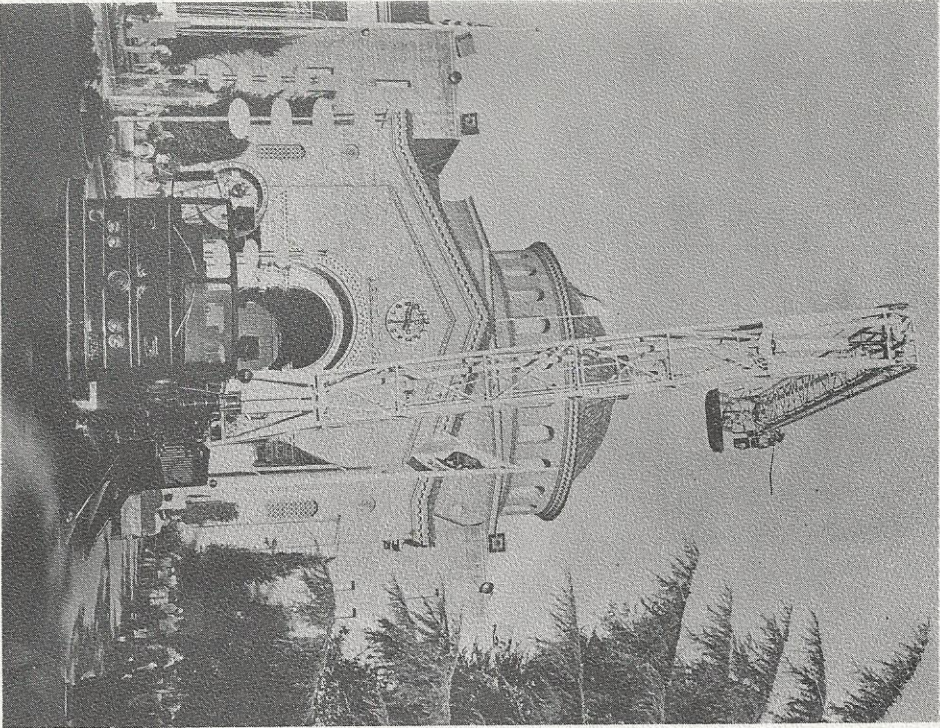
A. V. Streuli
Fire Chief



FIRE CHIEF ALBERT V. STREULI



INVITATIONAL DEMONSTRATION



CALIFORNIA STATE FAIR, SACRAMENTO, 1967

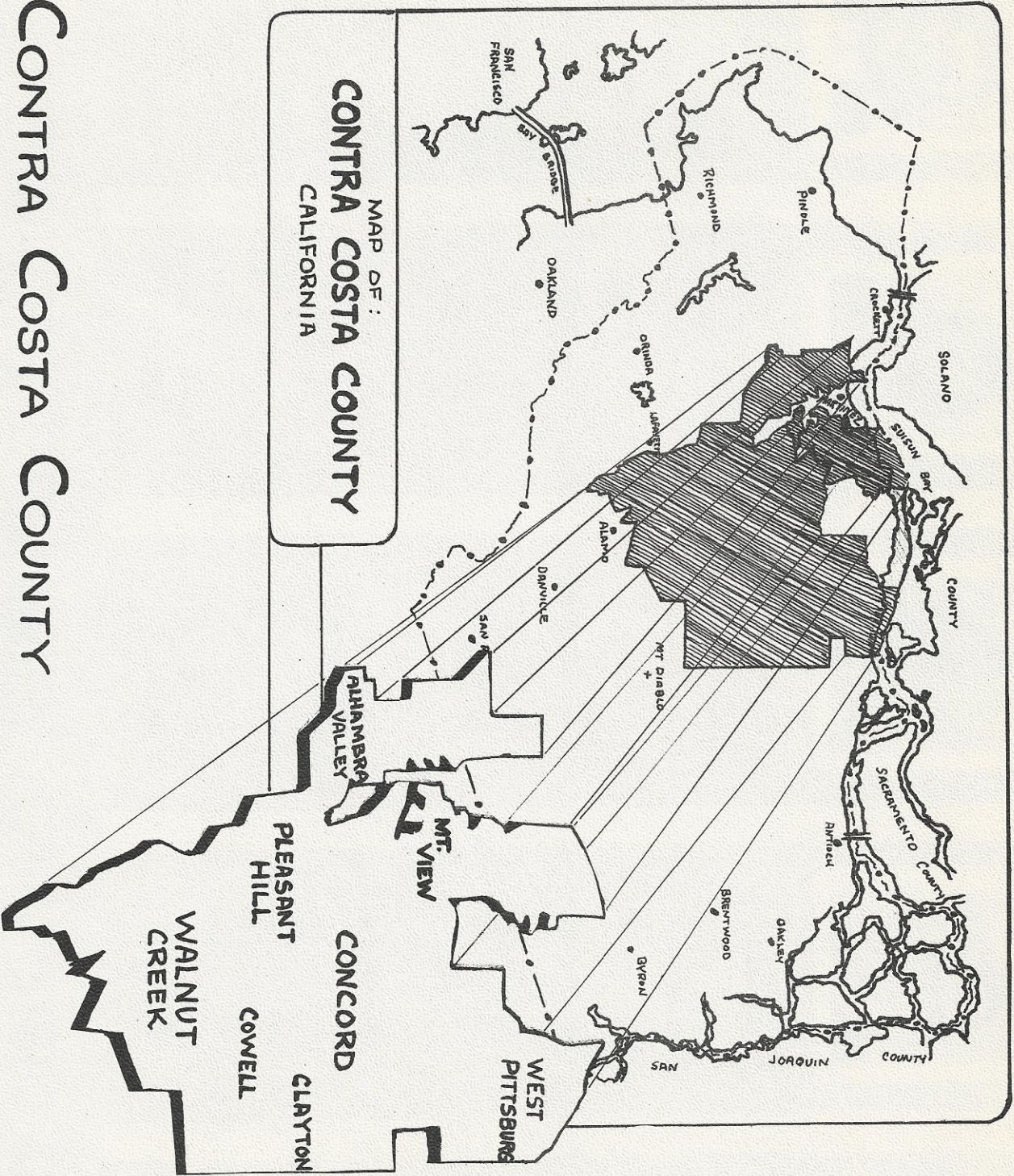
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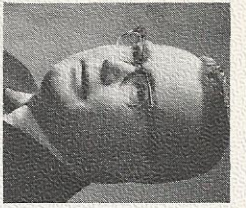
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THIS REPORT HAS BEEN COMPILED BY
CAPTAIN FRED B. CAPERTON
 RECORDS AND REPORTS DIVISION



CONTRA COSTA COUNTY
CONSOLIDATED FIRE DISTRICT
SERVING THE GREATER CENTRAL COUNTY AREA





Commissioner
ROBERT I. SCHRODER
Representing

**CITY OF
WALNUT CREEK**

CITY COUNCIL

- Mayor
DOUGLAS R. PAGE
- Vice Mayor
PETER HOWARD
- NEWALL B. CASE**
- ROBERT I. SCHRODER**
- BENJAMIN H. CLARK**

POPULATION
24,028

ASSESSED VALUATION
\$84,073,395.00

AREA
14.23 SQ. MI.



Commissioner
DANIEL BOATWRIGHT
Representing

**CITY OF
CONCORD**

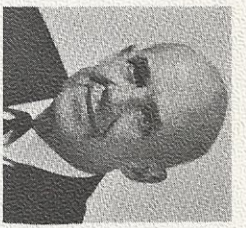
CITY COUNCIL

- Mayor
DANIEL BOATWRIGHT
- Vice Mayor
ROSALIE SHER
- WARREN BOGGESS**
- NORMAN KESTNER**
- GEORGE KRUEGER**

POPULATION
83,000

ASSESSED VALUATION
\$128,469,250.00

AREA
23 SQ. MI.



Commissioner
LEO F. SMARSH
Representing

**CITY OF
PLEASANT HILL**

CITY COUNCIL

- Mayor
JAMES G. MCGUIRE
- Vice Mayor
FRANK SALFINGERE
- LENARD GROTE**
- BEN HARTINGER**
- MARTIN McLAREN**

POPULATION
27,411

ASSESSED VALUATION
\$41,130,640.00

AREA
6.0 SQ. MI.



Commissioner
ALVIN LIMING
Representing

**CITY OF
CLAYTON**

CITY COUNCIL

- Mayor
ALVIN LIMING
- Vice Mayor
ROBERT HOYER
- RAY OLLELA**
- DR. DAVID COOK**
- HENRY WAGNER**

POPULATION
1,216

ASSESSED VALUATION
\$2,048,090.00

AREA
.75 SQ. MI.



Commissioner
HAROLD E. WILDES
Representing

**UNINCORPORATED
AREA**

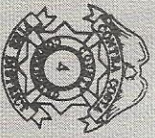
BOARD OF SUPERVISORS

- Chairman
EDMUND A. LINSCHIED, Dist. 5
- Vice Chairman
ALFRED M. DIAS, Dist. 2
- JAMES P. KENNY, Dist. 1**
- JAMES E. MORIARTY, Dist. 3**
- THOMAS J. COLL, Dist. 4**

POPULATION
164,345

ASSESSED VALUATION
\$121,086,265.00

AREA
75.72 SQ. MI.



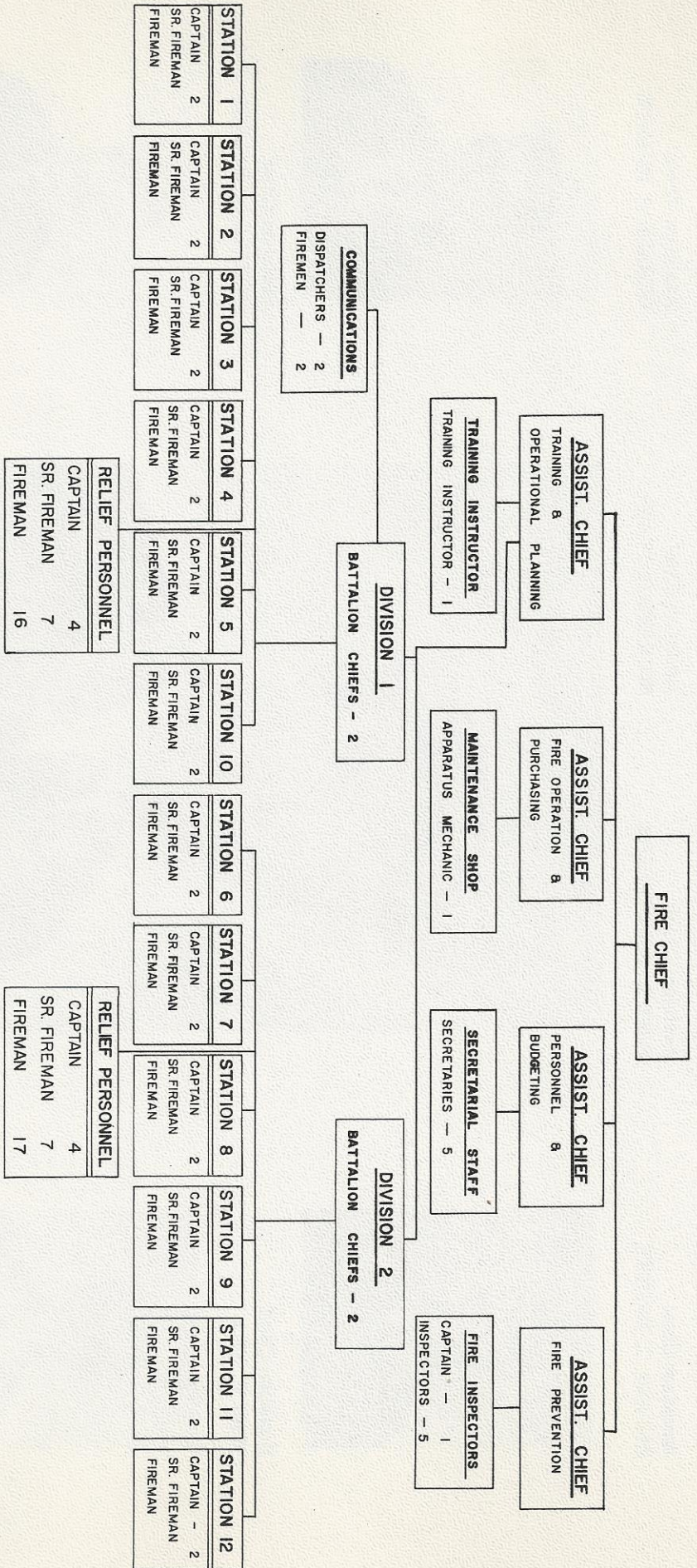
CONTRA COSTA COUNTY CONSOLIDATED FIRE DISTRICT

TOTAL POPULATION
300,000

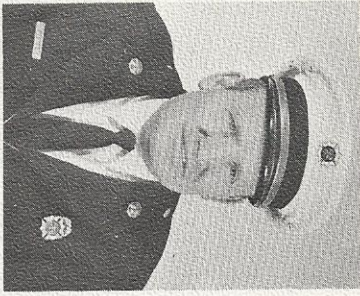
TOTAL ASSESSED VALUATION
\$376,807,640.00

TOTAL AREA
120 SQ. MI.

CONTRA COSTA COUNTY FIRE PROTECTION DISTRICT
 ORGANIZATION CHART
 JANUARY 1968



STAFF OFFICERS



Assistant Chief
ALBERT C. TRETTE



Assistant Chief
FRED L. GOLINVEAUX



Assistant Chief
RICHARD D. STARR



Assistant Chief
GERALD D. DUARTE



Battalion Chief
JOHN W. HILL



CHIEF ALBERT V. STREULI



Battalion Chief
RONALD L. DALTON



Battalion Chief
RONALD W. SANDMANN



Battalion Chief
BERNARD E. LYNCH



PERSONNEL DIRECTORY

FIRE CHIEF

Albert V. Streuli

ASSISTANT CHIEFS

Fred L. Golinvaux Richard D. Starr Albert C. Trette

BATTALION CHIEFS

Ronald L. Dalton John W. Hill
Bernard E. Lynch Ronald W. Sandmann

FIRE PREVENTION BUREAU

Gerald D. Duarte Assistant Chief
Clayton S. McMorran Inspector
Herman Walden Inspector
* Martin Lippman Inspector
* Neil M. Collier Inspector
Richard D. Brown Inspector
* Promoted to Captain, December 1967

CAPTAINS

Billings, William E. Orr, James E.
Caperton, Fred B. Pedretti, William L.
Clark, Chester A. Riegelsberger, Robert F.
Davenport, Walter E. Robertson, George W.
de la Montanya, Herbert W. Rose, Harry D.
Gruessing, Clarence W. Santos, Albert E.
Haines, James R. Shisler, William O.
Hartsock, Glenn W. Skinner, Donald M.
Irby, Michael M. B. Spomer, Zane T.
Jenkins, Kenneth L. Stubblefield, Harry L.
Lane, William G. Sullivan, Richard G.
Lowrance, James M. Varrio, Edward
Machado, Joseph L. Vittitow, Bill R.
Mulcahy, John M. Walden, Frank H. Jr.
McMannus, William C. Walden, George A.
Walker, William C.

SENIOR FIREMEN

Arens, Melvin P.
Babcock, Eugene R.
Bottom, George A.
Brown, Jackson W.
Burke, John D.
Clary, John O.
Collins, Marlin A.
Cullen, Robert W.
Delgato, Alfred G.
Duncan, Earl L.
Ellison, Steven D.
Eye, Cameron
Fuerst, Robert E.
Gray, William A.
Gruessing, Marlin G.
Hall, William A.
Hetrick, Ronald L.
Jenkins, Leroy
Kelley, John A.
Kenney, Cyril M.
Littlejohn, Virgil L.
Lyle, Hugh A.
Mealley, James P.
Montague, Warren F.
McCotter, Orten G.
Ortland, Ralph H.
Parisi, Salvatore P.
Paulick, Stephen P.
Read, Laurence C.
Reynolds, Franklin L.
Ross, Robert D.
Scrimiger, Robert E.
Sherman, Dean L.
Shively, Donald J.
Silva, Andrew D.
Slusher, Jesse T.
Smith, Robert
Soper, Reid L.
Stanton, Leo J.
Sterling, Carl
Weaver, Vaughn F.
Wight, Stuart V.

FIREMEN

Adams, Robert Compton, Don E.
Anderson, Nils E. Cooper, John R.
Aten, Forrest A. Cox, John E.
Bascou, Albert A. Crofford, Harold B.
Berg, Roger W. Dameron, Wilbur T.
Best, Bennie T. Ebert, John N.
Boehrer, Robert I. Emery, David R.
Bowen, John F. Fender, Gerald V.
Brennan, William T. Friese, James L.
Brockett, Lloyd D. Gaffney, Charles M.
Casey, Billie Garren, Richard M.
Casey, Jerome T. Geelman, William G.
Chrystikos, Lewis J. Gross, Donald A.



PROMOTIONS

NAME	POSITION
Harguth, Darrell W.	Assistant Chief
Harris, Kenneth L.	Battalion Chief
Hellstrom, Lawrence T.	Battalion Chief
High, Royce R.	Battalion Chief
Hovland, Ronald R.	Battalion Chief
Jackson, Gerald R.	Battalion Chief
Johnson, Frank L.	Battalion Chief
Jones, Cyril H.	Captain
King, John D.	Captain
King, Robert J.	Captain
Kingham, Bruce A.	Captain
Kovach, Michael J.	Captain
Kruger, Donald	Captain
Kuidis, Edward B.	Captain
Lawrence, Dennis F.	Captain
Lewis, Bill J.	Captain
Lewis, Terry W.	Captain
Lindsay, James D.	Captain
Linninger, Jack A.	Captain
Littorno, Andrew	Captain
Mangini, Robert G.	Captain
Manning, Robert	Captain
Martinez, Charles	Captain
Massolo, Charles G.	Captain
Maxfield, William F.	Captain
Meyer, Alby	Captain
Middleton, Willie H.	Captain
Miraglia, Raymond	Captain
Morrissey, Robert	Captain
Mulgrew, John F.	Captain
McCully, Thomas L.	Captain
Nelsen, Chester	Captain
Newman, David K.	Captain
Nicholas, Barney A.	Captain
Nielsen, Henry R.	Captain
Olds, Rockne B.	Captain
O'Sullivan, Phillip D.	Captain
Paulson, Vernon D.	Captain
Peterson, Otto J.	Captain
Rackwitz, Aart J.	Captain
Reshatofi, Jack F.	Captain
Songey, Norman	Captain
Sublette, Bruce A.	Captain
Taylor, William B.	Captain
Walker, Ronnie M.	Captain
Wallen, Alvin M.	Captain
Welch, Dale W.	Captain
Westrup, John A.	Captain
Wilder, William W.	Captain
Wilson, Jack S.	Captain
Winkelman, Raymond H.	Captain
Woodman, Harold D.	Captain

DISPATCHER CLERKS
 Wright, Benton R.

DISPATCHER CLERKS
 Dawson, Wayland J.

CLERICAL STAFF
 Farrant, Barbara
 McKay, Marlon
 Schliz, Alice E.

CLERICAL STAFF
 Little, Wilma R.
 Pitkin, Carolyn
 Slicenter, Cynthia-Ann

RETIREMENT
 Reid L. Soper (Disability)



MONTH

MONTH	NAME	POSITION
June	Gerald D. Duarte	Assistant Chief
August	Bernard E. Lynch	Battalion Chief
August	John W. Hill	Battalion Chief
August	Ronald E. Dalton	Battalion Chief
August	Ronald W. Sandmann	Battalion Chief
December	Martin Lippman	Captain
December	William G. Lane	Captain
December	Albert E. Santos	Captain
December	Neil M. Collier	Captain
December	Zane T. Spomer	Captain
December	Robert W. Cullen	Captain
December	Alfred G. Delgado	Captain
December	Earl L. Duncan	Captain
December	Ronald L. Hetrick	Captain
December	Larry D. Peebles	Captain
December	Stuart V. Wight	Captain

NEW PERSONNEL 1967

April	Thomas L. McCully	Senior Fireman
April	Jack A. Linninger	Senior Fireman
April	Carl A. Berkhof	Senior Fireman
April	Willie H. Middleton	Senior Fireman
June	Wilma R. Little	Senior Fireman
September	Robert C. Adams	Senior Fireman
September	Donald B. Kruger	Senior Fireman
September	Terrv W. Lewis	Senior Fireman
September	Robert L. Manning	Senior Fireman
September	Raymond Miraglia	Senior Fireman
September	Robert Morrissey	Senior Fireman
September	David Newman	Senior Fireman
September	Wilbur Damron	Senior Fireman

RESIGNATIONS

February	Kenneth Bush
May	Carl Berkhof
June	Wallace Coulter
July	Robert H. Browne
October	Huston Anderson

PERSONNEL INJURY REPORT

In 1966, 136 Personal Injury Reports were received, citing 137 injuries to various parts of the body. Of the 137 injuries, 4 were re-injuries.

In 1967, 134 Personal Injury Reports were received, citing 158 injuries to various parts of the body. Of the 158 injuries, 3 were re-injuries.

1966 - 60 required medical attention.
1967 - 38 required medical attention.

1966 - 608 working days lost (441 from 1965 injuries)
167 days (4008 working hours)
1967 - 457 working days lost (407 from 1965 injuries)
50 days (1200 working hours)
Reduction in time lost - 117 days (2808 working hours)

ANALYSIS OF PERSONNEL INJURIES

Part Injured	1966		1967	
	1966	1967	1966	1967
Ankle	6	6	Hip	1
Arm	3	3	Knee	10
Back	38	21	Leg	5
Chest	1	3	Lungs	3
Elbow	0	3	Neck	2
Eye	6	6	Nose	1
Face	3	3	Ribs	2
Finger	6	8	Shoulder	10
Foot	8	5	Thumb	5
Groin	2	1	Toe	4
Hand	11	12	Tooth	0
Head	3	2	Wrist	3

Type Of Injury	1966		1967		Decrease In
	1966	1967	1966	1967	
Abrasion	4	6			2
Amputation	0	1			1
Blisters	1	1			0
Bruise	24	31			7
Burn	10	9			1
Chipped Bone	1	0			1
Crushed Bone	0	1			1
Cut	8	8			0
Dislocation	1	0			1
Foreign Matter (Eye)	6	6			0
Fracture	1	0			1
Heat Exhaustion	0	1			1
Hyper-ventilation	0	1			1
Laceration	0	1			1
Paint Allergy	0	3			3
Poison Oak	4	0			4
Pulled Muscle	17	2			15
Puncture	10	3			7
Re-injury	4	3			1
Silver	0	1			1
Smoke Inhalation	3	30			27
Sprain	6	8			2
Strain	29	24			5
Tendon Severed	0	1			1
Twist	8	17			9

Loss From 1965 Injuries

	DAYS		HOURS	
	1966	1967	1966	1967
Otto L. Peterson	54	137	1296	3288
Michael T. Kovach	136	137	3264	3288
Reid L. Soper	136	110	3264	2640
Frank L. Johnson	74	23	1776	552
Ronnie M. Walker	41	0	984	0
TOTAL	441	407	10584	9768



ACTIVITIES REPORT

RESCUE, RESUSCITATOR AND FIRST AID

TYPE		SEX AND NUMBER	
Rescue	51	No. of Adults	449
Resuscitator	429	No. of Juveniles	141
First Aid	64	Sex Unknown	19
No Service Rendered	48	TOTAL	609
TOTAL	592		
(Suicides & Attempts)	19		

AGE GROUPS		CAUSES	
1-12	94	Convulsions a/o Choking	74
13-19	46	Heart a/o Strokes	215
20-29	46	Electrocutions	2
30-39	40	Sleeping Pills	17
40-49	61	Auto Accident	59
50-59	73	Extrication	8
60-69	84	Fainting	58
70-79	66	Drowning	12
80-89	29	Toxic Gas	12
90 +	3	Other	147
Age Unknown	67	TOTAL	604
TOTAL	609		

PUBLIC SERVICE CALLS

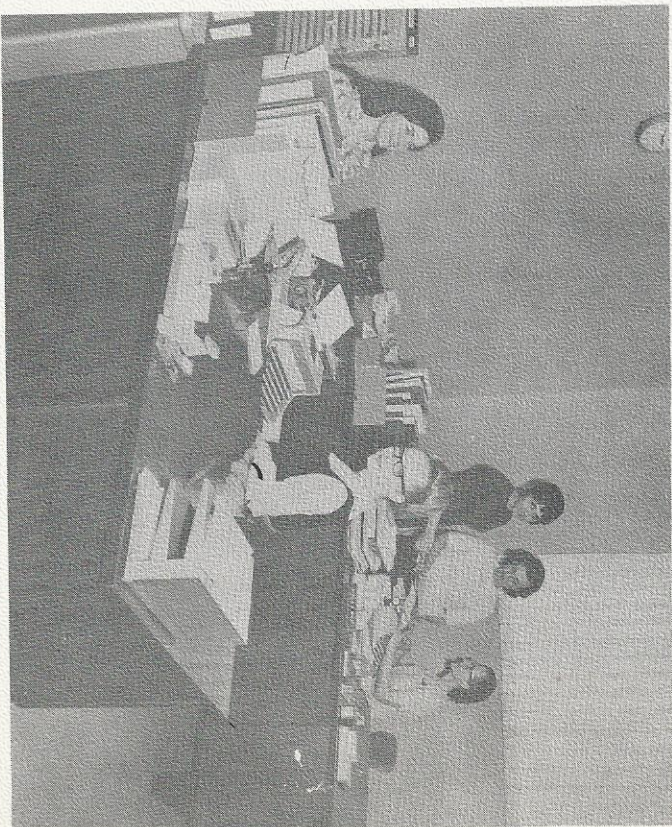
Animal Rescue	15	Fire Prevention Standby	29
Snakes	4	Fire Prevention Checks	77
Lock-Outs	63	Complaints	33
Washdowns (non-collision)	74	Assist Sick or Injured	21
Other	91	Miscellaneous Assist	128
TOTAL	91	TOTAL	545

UTILITY EQUIPMENT

Broken Gas Main or Line	30
Electric Wires Arcing	17
Electric Wires Down	17
Telephone Pole Fire	3
Water Main Broken/Leaking	6
Fire Hydrant Broken/Leaking	29
Other	15
TOTAL	117

MUTUAL AID

Martinez	14
Pittsburg	1
Danville	4
Lafayette	15
Eastern	6
Island	8
U.S. Navy	0
Tidewater	0
Port Chicago	2
Other	5
TOTAL	55



CLERICAL STAFF



GRASS AND RUBBISH FIRES

No. of Grass Fires	656
No. of Fence Fires	34
No. of Rubbish Fires	162
Other	75
TOTAL	927

How many of the fires were confined to the Roadside

160

CAUSES

Incinerators	88
Fireworks	11
Welding	7
Burning Violation	72
Burning with Permit	45
Juveniles	369

FALSE ALARMS

Ashes a/o Sparks	28
Smoking	38
Rekindle	35
Farm Equipment	3
Flare Pots or Flares	10
Other	221
TOTAL	927

TYPE	
Alarm Box	102
Telephone Alarm	194
Radio Alarm	12
Direct Alarm	9
Private Systems	33
TOTAL	350

FIRES IN MOTOR VEHICLES

Auto	390
Trucks	50
Motor Bikes	9
Other	15
TOTAL	464

RESPONSIBLE	
Juveniles	99
Adults	118
Unknown	133
TOTAL	350

CAUSES

Electrical Short	67
Overheated Brakes	10
Collisions	41
Backfire	133
Smoking	52
Welding	17
Gas Spill	59
Miscellaneous	85
TOTAL	464

REASON

Bomb Scare	15
Malicious	112
Honest Error	140
Equip. Failure	31
Unknown	51
TOTAL	350

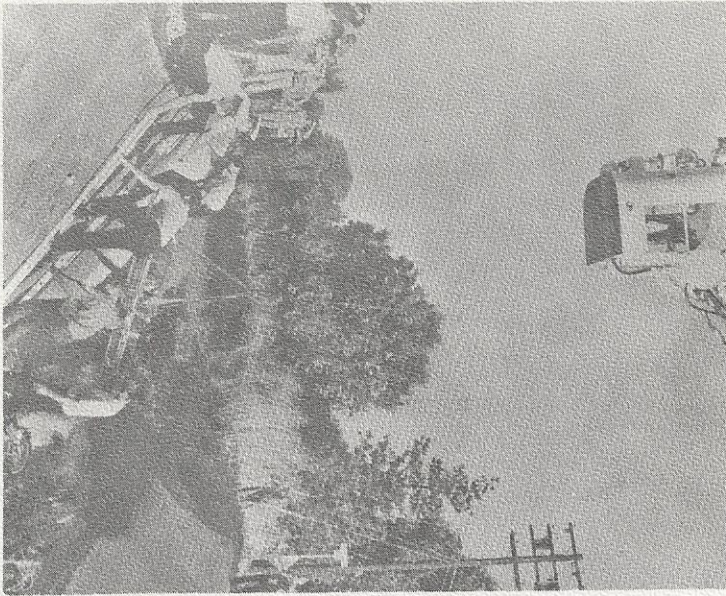
FIRES IN BUILDINGS

FIRES IN BUILDINGS

PUBLIC	
School	15
Theater	1
Auditorium	0
Meeting Room	1
Church	2
Office	7
Garage	1
Other	3
TOTAL	30

COMMERCIAL

Store	47
Shop	9
Garage	5
Motel	2
Apartment	47
Service Station	5
Warehouse	5
Factory	2
TOTAL	46
Other	168
TOTAL	168



ACTUAL RESCUE SCENE USING SNORKLE



PRIVATE	
Dwelling	475
Garage	17
Shed	33
Mobile Home	11
Other	<u>9</u>
TOTAL	545

TOTAL 3 COLUMNS 743

CAUSES	
Incinerator	9
Ashes/Sparks	14
Juvenile Venture	63
Flammable Liquid	23
Stoves/Cooking	138
Arson	13
Electric Motor	46
Electric Lights	14
Fluor. Lights	13
Heater (Gas)	98
Heater (Electric)	12
Smoking	54
Fireworks	3
Dryers	35
Washers	14
Welding	11
Electric Wiring	91
Fireplace	25
Miscellaneous/Un.	<u>67</u>
TOTAL	743

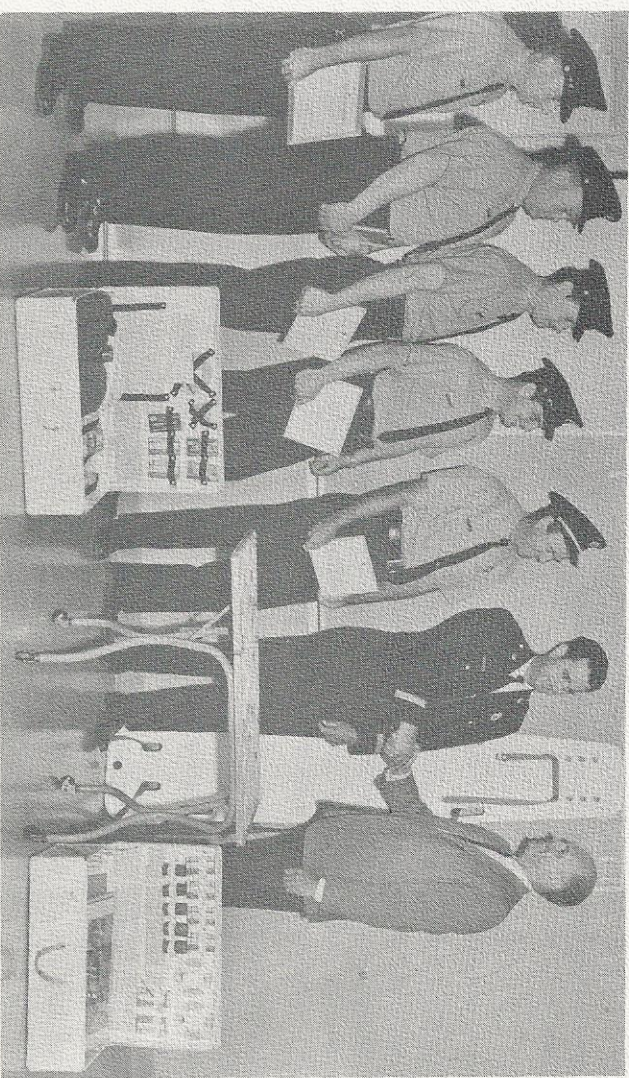
FIRE LOSS	
District	\$736,989.00
Walnut Creek	\$171,645.00
Concord	\$577,770.00
Pleasant Hill	\$126,140.00
Clayton	<u>\$ 2,395.00</u>
TOTAL	\$1,614,939.00

HOW ALARMS WERE RECEIVED	
Telephone	3,879
Radio	205
Direct	158
Private System	<u>70</u>
TOTAL	4,318

Net Miles Traveled	21,251
Net Hours Pump Time	1,283
Net Hours Engine Time	3,639
Net Gasoline Used	12,622
Hose Used	
3/4 inch	177,611
1-1/2 inch	26,675
2-1/2 inch	43,290
Total ft. Ladders Used	4,109
Salvage Covers Used	47
No. Fire Permits Issued	10,627

ASSISTING OTHER STATIONS			
TO:	At the Fire	At the Station	Net Total
Sta. 1	25	86	111
Sta. 2	76	1	77
Sta. 3	37	3	40
Sta. 4	30	11	41
Sta. 5	46	12	58
Sta. 6	40	107	147
Sta. 7	18	31	49
Sta. 8	53	33	86
Sta. 9	71	19	90
Sta. 10	64	4	68
Sta. 11	37	15	52
Sta. 12	<u>32</u>	<u>11</u>	<u>43</u>
TOTAL	529	333	862

ANOTHER GROUP OF CONSOLIDATED FIREMEN GRADUATED TO RED CROSS INSTRUCTORS



ANNUAL TRAINING REPORT

1967 saw a greater extension into all elements of the training program. Recruit training, company training, tower drills, and special courses were expanded. The experience gained this year will provide the basis for refinement and greater effectiveness in coming years.

The following breakdown summarizes activities and effort put forth by the men of the District.

RECRUIT TRAINING: In April, a 3 week recruit training course was conducted for 4 new employees. The course was expanded to 4 weeks duration and conducted for 6 new employees in September. A total of 1440 man hours of instruction was absorbed by the recruit firemen.

COMPANY TRAINING: Company training, consisting of daily classroom sessions and manipulative drills, was assigned by the Training Officer and conducted by company officers. Class topics covered the fields of Fire Prevention, Departmental Programs and Procedures, Arson Detection, Rules and Regulations, Fire Fighting and Emergency Care. Manipulative drills were aimed at teaching standard procedures and maintaining skills with apparatus and equipment.

Total effort of 30,247 man hours was recorded during 1967. Each station averaged 1.9 hours per day in training.

TOWER DRILLS: The appointment of Battalion Chiefs expedited tower drill activity. A total of 87 drills was conducted. 65 drills were conducted for the purpose of evaluating the performance of companies. 8 multi-company drills helped develop coordination between companies. 4 drills were instructional in nature.

OFFICER SCHOOLS: Officer Schools served as the vehicle for developing standard procedures, introducing departmental program and studying administrative problems. There were 20 Officer School sessions.

SPECIAL COURSES: 4 special courses of instruction were presented to District personnel. The 36 hour Emergency Care course was concluded with 142 men earning Standard Red Cross cards and 137 men earning Advanced cards.

Separate 8 hour Aerial Ladder and Aerial Platform Familiarization courses were presented to all companies.

A course in Cardio-Pulmonary Resuscitation, under the auspices of the American Heart Association, was given to 131 men.

STAFF TRAINING: The Fire Prevention Bureau held 12 staff training sessions, involving a total of 128 man hours. Subject material was Procedures and Code Interpretation.

JUNIOR COLLEGE FIRE SCIENCE PROGRAM: District employees completed 5 Fire Science courses. It is noteworthy that some employees were also enrolled in academic courses, presented on a platoon basis for fire fighters, in an effort to achieve their A.A. degrees.

Fire Science courses were:

- Fire Protection Equipment and Systems - 19 men
- Building Construction for Fire Protection - 22 men
- Company Organization and Procedures - 1 man
- Rescue Practice - 2 men

SCHOOLS, SEMINARS AND WORKSHOPS: The District sent representatives to the following non-departmental educational endeavors.

- Fire Alarm Maintenance School
- Fire Training Officer and Workshop
- Radiological Monitor Instructor's Course
- International Fire Chief's Administration Seminar
- Ambulance Emergency Care Course
- Governor Safety Conference
- California Staff and Command School
- Contra Costa County Mechanic's School

TRAINING FIRES: 8 training fires were conducted for the purpose of introducing new employees to the experience of combating fire and testing techniques.

FIRE COLLEGE: The 1st phase of construction, consisting of station, hose tower and frontage development, was completed. Utilities necessary for total development have been brought to the site. Thus, the physical development has become an actuality.



FIRE SERVICE DAY

On October 14, 1967 the Consolidated Fire District hosted the 3rd annual Fire Service Day Program, held at the Diablo Valley College.

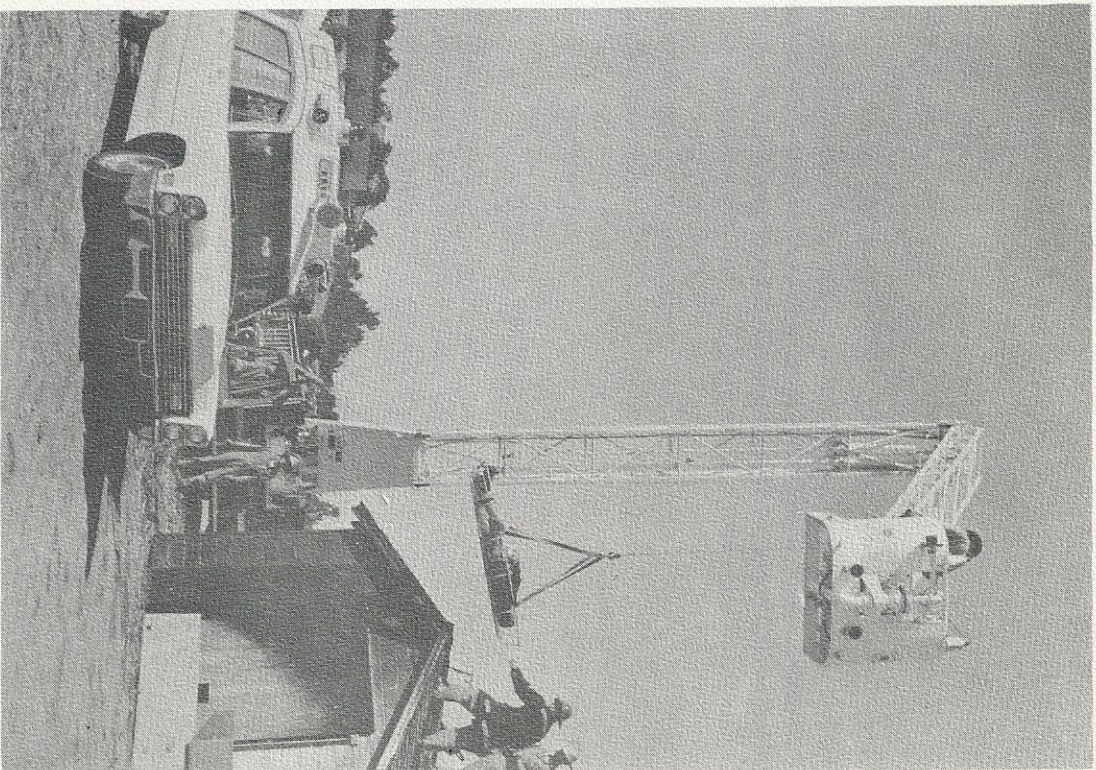
The nearly 5000 children and adults in attendance were given the opportunity to see the results of leaving fire hazards around the house and yard as well as the dangers of flammable liquids and pressurized containers found in several forms in every home.

The public witnessed the team work of the dedicated, well-trained, professional fire fighters in the use of heavy fire streams, special tools and equipment on actual structural fires, auto crash fires, and aircraft crash fire.

The program included an impressive demonstration of the versatility of the fire engines and the 100 ft. Aerial Ladder Truck and the 85 ft. Snorkle.

The assistance of all agencies and personnel who helped produce this program is deeply appreciated.

William F. Maxfield, Fireman



“ROOF TOP RESCUE” FIRE SERVICES DAY DEMONSTRATION
DIABLO VALLEY COLLEGE



HOSE TESTING

The fire hose tested during 1967 and judged to be serviceable for continued use was as follows:

2-1/2 inch Cotton Jacket, Rubber Lined	41,400 feet
1-1/2 inch Cotton Jacket, Rubber Lined	14,500 feet
3/4 inch Rubber, Booster	7,200 feet

During the year the department had a total of 800 feet of hose damaged and found to be unusable. Consequently this hose was surveyed and sold in accordance to County regulations.

The above hose was replaced and our present stock was augmented by the purchase of 160 fifty-foot lengths of 2-1/2 inch Cotton Jacket Rubber Lined hose, 60 fifty-foot lengths of 1-1/2 inch Cotton Jacket Rubber Lined hose and 1,200 feet of 3/4 inch Booster hose.

Captain H. L. Stubblefield
Testing Office

FIRE ALARM MAINTENANCE

During 1967 the Fire Alarm crews completed a major underground installation of 21,000 feet of fire alarm wiring along South Main Street in Walnut Creek. The task involved in excess of 300 man hours to complete.

This department was also involved in a total of 1800 man hours for general maintenance of the existing fire alarm system throughout the district. This maintenance was in the form of tree trimming and relocating lines, plus the keeping of accurate diagrams of these changes.

We were also able to complete and distribute a book on the Fire Alarm Testing Procedures and Records. These books and record forms were distributed to all concerned stations and personnel in the department.

I would like to conclude this report with stating my sincere gratitude to everyone who lent us their cooperation and help during 1967.

B. A. Kingham

EMERGENCY OPERATING CENTER

The Emergency Operating Center equipment installation was completed and placed in service on schedule in February of 1967. The Alarm Center officially started operating on March 3 and functions as a "Type A" operation with two sub-systems.

Marginal mobile radio communication from some areas of the District was remedied in September by the installation of a remote transmitter/receiver on Kregor Peak.

The installation of "Quick Call" decoders in all station receivers is now complete and assures a means of alarm transmission in case of telephone failure.

The reliability of components has been generally good and the fire alarm operators have adapted to the new equipment and procedures in an excellent manner.

Battalion Chief J. W. Hill

BOY SCOUTS

During 1967 the personnel of the Consolidated Fire District assisted several local Boy Scout Troops to obtain their Merit Badge.

The classes in Firemanship were held by Instructor Al Delgado at Station No. 5 on Boyd Road in Pleasant Hill and Instructor John Mulgrew at Station No. 6 in Concord. These Instructors completed a successful class of 35 Scouts.

Fire Fighter Gerald Fender conducted several First Aid Classes to the Boy Scouts and a total of 60 boys earned their Merit Badge for successfully completing that course.

Fire Fighters John Mulgrew and Frank Reynolds assisted 64 Boy Scouts to obtain their Merit Badge in Safety by giving them several hours of intensive instruction and ending with a comprehensive examination.

Captain R. F. Riegelsberger



ENGINE PUMP TEST RESULTS

All rated pumping engines in the Consolidated Fire District were tested during the month of November 1967 at Keller Lake in Concord. The 'In Service' volume pressure test was applied for a forty minute period to each pump tested.

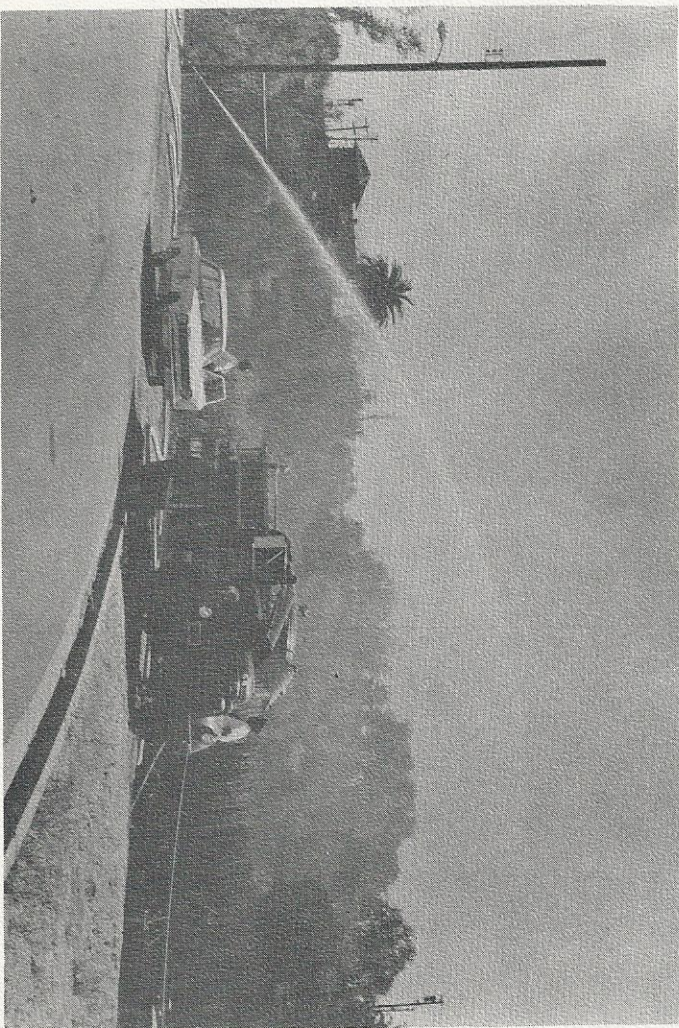
A total of 18 pumping engines were tested. Tests on an additional two units could not be held until a later date because these units (Number 112 and 115) were undergoing repairs in the shop.

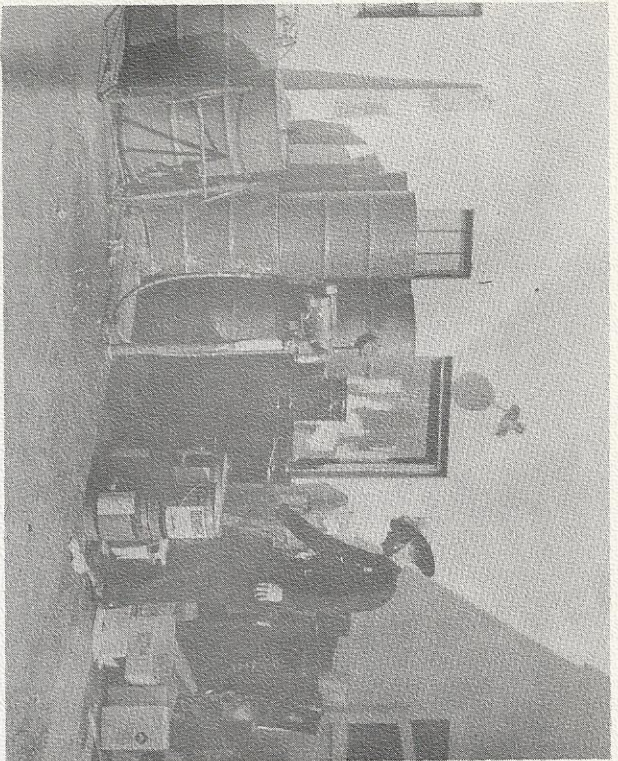
The total gallons of water pumped per minute in the above test is listed as follows:

Unit No.	Engine No.	Gallons Per Min	Unit No.	Engine No.	Gallons Per Min
107	Reserve	750	123	5	1,250
108	7A	1,000	124	6	1,250
109	5A	1,000	125	1	1,500
110	Reserve	600	126	Trk. 1	1,500
111	1A	1,000	127	7	750
113	9	1,000	128	11	750
114	3	750	129	4	750
120	2	1,000	131	12A	1,000
121	6A	1,250	132	12	750

FIRE HOSE TESTING

Captain J. L. Machado
Testing Officer





REMOVAL OF HAZARDS

FIRE PREVENTION BUREAU

Modern living brings increasing demands upon practices of safety in business and everyday living. Fire Prevention is one of these most important demands and each day greater emphasis is placed upon this subject.

Fires do not happen, they are caused. Nearly three-fourths of all fires are from causes known to have been preventable, the other fourth are from unknown causes — probably preventable.

The Fire Prevention Bureau personnel have endeavored to incorporate all the latest innovations in their Fire Prevention Program. Of prime interest has been the establishment of a Fire Brigade Project, this currently is being utilized by some of our larger industries.

A general revamping of existing methods of issuing permits compiling reports and maintenance of records will save many hours (man hours) as well as provide greater information.

All efforts are being directed at all times toward greater fire protection coverage of our district.

A continual and concerted inspection program of our commercial, manufacturing, institutions, group residential and buildings of public assembly, protecting them and private residences from fire:

Fire Prevention Bureau Inspections	1,825
Fire Company Inspections	1,033
Total Inspections — All Occupancies	2,858

OCCUPANCY INSPECTIONS

Day Care Nurseries	38	Manufacturing	90
B.H.A. & Children	92	Office Occupancies	201
Hospitals & Conv.	75	Repair & Body Shops	54
Public Assemblage	311	Service Stations	88
Schools	83	Bldgs. under Constr.	562
Dry Cleaning	19	Bulk Storage Plants	5
Churches	33	Warehouses	29
Hotel & Apt. Houses	247	Wholesale & Retail	931

Total number of complaint investigations 750

The issuance of permits is most effective method of controlling a multiple of hazards.

Total number of special permits issued 163

COMPANY INSPECTIONS

Fire Prevention Inspections & Pre-Fire Emergency Planning

Total Inspections and Pre-Planning — All Stations	1,033
Total Recommendations — All Stations	1,403
Total Hours on Inspections — All Stations	3,513

PLAN REVIEW

Building Plans are reviewed for compliance with Fire and Panic Safety regulations:

Total Plans Checked by Bureau	295
Total Plans Check Man Hours	935



FIRE INVESTIGATIONS

It is the responsibility of the Fire Prevention Bureau to investigate all fires of an undetermined or incendiary origin.

Total Incendiary Fires	42
Total Arson Fires	12
Total Other Fires	<u>73</u>
TOTAL	127
Total hours for investigations	742
Fire Deaths:	
Children	0
Adults	1
Total Juvenile Reports	248
Total Fire Investigations & Juvenile Reports	375

FIRE SAFETY EDUCATION & TRAINING PROGRAMS

Total Departmental Effort

Service Clubs	
Hospitals	
Industry	
Schools	
P. T. A.s	
Youth Organizations	
Convalescents	
Total Fire Safety Lectures and Training	175
Total Individuals Reached	4,924
Total Man Hours	1,050

SCHOOL PROGRAMS

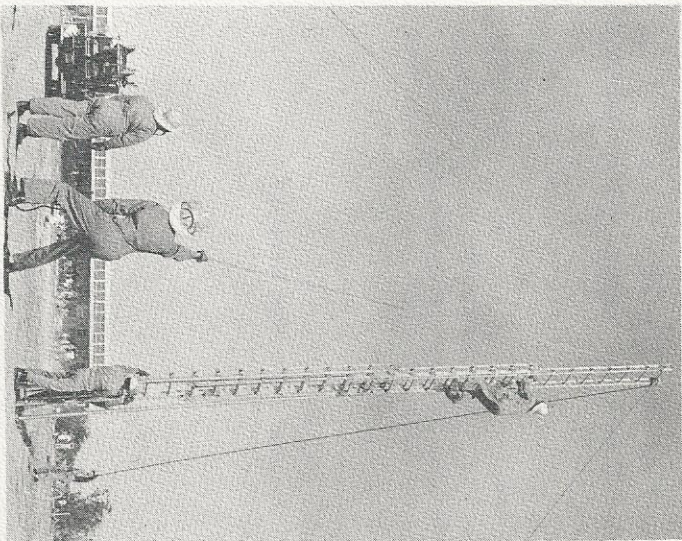
Total Number Programs	200
Total Number Man Hours	450
Total Number Students	18,399

SUMMER SCHOOLS

Total Number Programs	10
Total Number Students	500
Total Number Man Hours	15

FIRE PREVENTION WEEK EVENTS

- | | |
|-----------------------|----------------------|
| T. V. Stations | Marquee Signs |
| Radio Stations | Fire Safety Programs |
| Newspapers | School Handouts |
| Window Displays | Fire Service Day |
| Fire Prevention Signs | |



FIRE SERVICES
 DAY
 DEMONSTRATION
 DIABLO VALLEY
 COLLEGE

Our Third Fire Service Day Demonstration climaxed a very successful Fire Prevention Week. A citizen crowd of approximately 8,000 adults and children were in attendance at this Diablo Valley College site. Our Program was as follows: Car fires, building fires, grass fires, rescue procedures, ladder aerial and snorkle demonstrations and concluded with a spectacular airplane fire rescue.



WEED ABATEMENT PROGRAM

Number of Individual Properties Inspected	17,220
Number of Notices Mailed to Property Owners	8,275
Number of Properties Posted for Abatement	6,778
Number of Properties Abated by Owners	5,326
Number of Properties Abated by District	1,452

REPRESENTATION AT MEETINGS

The Fire Prevention Bureau was represented at the following meetings:

- Flammable Liquids Committee
- Pacific Rating Bureau
- Fire Protection for Flue Vents, Restaurant
- Northern California Hospital Association Meeting
- Boarding Home for the Aged Committee
- Bay Rapid Transit
- Codes Committee
- California Buildings Official Conference
- Convalescent and Hospital Committee Meetings
- Title No. 19 Committee

FURTHER EDUCATION

- (1) Fire Prevention Seminar Davis
- (2) Seminar on Class "D" Occupancies San Jose
- (3) Inter-Departmental & Staff Meetings

COURSES ATTENDED OFF DUTY

- (4) Building Construction (U.B.C.) Diablo Valley College
- (1) Social Science Diablo Valley College
- (2) First Aid Classes With Engine Companies
- (1) Fire Protection Systems Diablo Valley College

SPECIAL ACTIVITIES

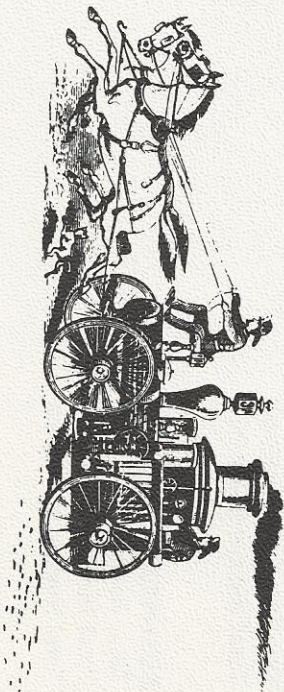
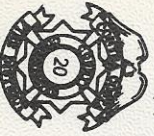
- Fire Prevention Week
- Weed Abatement Program
- Fire Brigade Program
- Kodak Seminar
- Lumber Yard Inspections
- BART Field Survey
- Planning Fire Protection - Sun Valley Mall
- Inspections of Shell Chemical with City Chiefs
- Industrial Assessment Survey
- Buchanan Field Inspections
- Wrecking Yard Inspections
- Conference of Code Amendments
- Adoption of a New Fire Prevention Code

CONCLUSION

Again, we thank the citizens of our district for the fine cooperative way they have received our program.

Our department is very concerned over the annual serious fire losses of life and property. We believe man's control of fires will depend upon his ability to foretell the possible combinations causing the result. This is fire prevention, which is a vital part of protection against the effects of fire.

With the above in mind, the Consolidated Fire Department will continue its primary purpose which is safeguarding life and preventing interruptions of business due to fires.



NEW APPARATUS

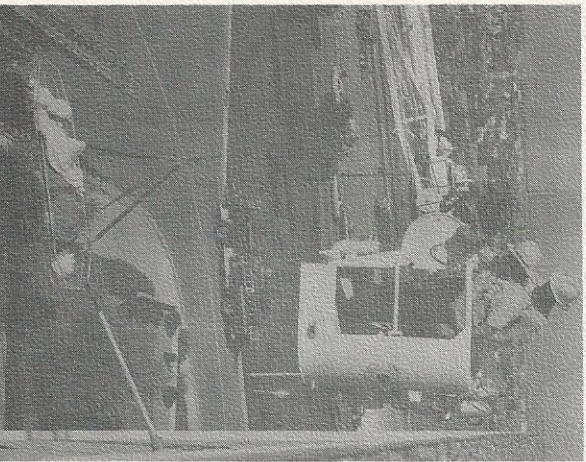
During the year of 1967 this district continued the established policy of annually upgrading their first response fire apparatus. It was during this period two additional triple-combination 750 gallon pumpers were put into service. Each of the two new engines has a 4-wheel drive, carries 400 gallons of water and 2,200 feet of hose, plus the conventional fire fighting and rescue tools.

The District also added three Dodge Station Wagons for the use of an Assistant Chief and the newly appointed Battalion Chiefs.

Future apparatus acquisitions has been scheduled to replace the present engines when they no longer can pass the series of rigid performance tests.

Preventative maintenance of the fire apparatus on a set schedule has long been the hallmark of the Consolidated Fire District. Such maintenance has often proven its value when the Engines are subjected to strenuous and prolonged performance in combatting fires.

A total of 1,461 man hours were devoted to this assignment in 1967.



RESCUE
DEMONSTRATION
WITH
SNORKLE

SUMMER FIREMEN'S APPRENTICESHIP PROGRAM

During the summer of 1967 the Consolidated Fire District in cooperation with the Office of Economic Opportunity inaugurated a Summer Firemen's Apprenticeship Program whereby eight youths registered with the O.E.O. were given temporary employment.

The objectives of the program were to expose the Apprentices to fire department training which included fire fighting, and maintenance duties. In addition the extensive classroom work was designed to indoctrinate the Apprentices of what was expected of them and especially to motivate them to develop good work habits. Striving to further their education through continued schooling was stressed frequently.

A staff of 25 department officers and firemen devoted their talents to supervise this project. It was through the Supervisors' continual interest, zest, guidance and fundamental training that congealed the Apprentices into an effective and efficient fire fighting task force. Their enthusiasm of applying their newly found knowledge in all their daily assignments and tasks earned them successive plaudits from the regular firemen and officers.

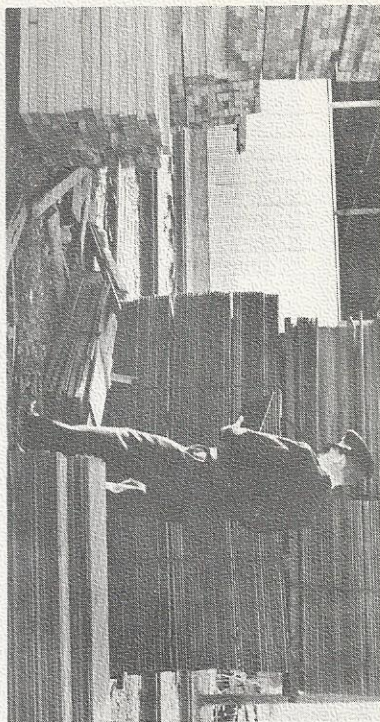
The total program was found to be highly beneficial both to the district and to the participating personnel. The district gained additional manpower when it was most needed, during the heaviest portion of the grass fire season, and the participants gained an insight of the educational requirements necessary for continued employment, especially the challenging tasks confronted by the firemen; should they choose this profession as their occupation. The Apprentices were given a daily increase of responsibilities and their Instructors were gratified in the manner the Apprentices accepted and completed their assignments. It was especially noted their spirit was always on a high level and they eagerly sought more knowledge.

The summer Firemen's Apprenticeship Program ended in September and a follow-up of the participants employment after they left indicated that three had returned to school and the other five had gained permanent employment.

The experience the fire district gained from the 1967 program will serve as a guide for similar programs in the future.



RESERVE FIREMEN



COMMERCIAL INSPECTION

The program of Reserve activities consists essentially of classroom training, drill and fire suppression.

Present plans for 1968 include a solid schedule of training especially a comprehensive series of classes in First Aid. This class will be conducted by the department's own Red Cross Instructors.

In addition to the weekly two hour drills in 1967 our Station No. 7 Reserves conducted a day long training school at an abandoned house where actual fire problems were given to the Reserves by Department Training Instructors. These Reserves received measurable actual fire experience from this session.

Our Station No. 12 Reserves enthusiastically participated in the Fire Service Day Program at Diablo Valley College. Their part in the four hour demonstration was lauded by the spectators as the crews efficiently worked out the complex fire suppression problems

During the year of 1967 the department installed an intricate radio relay activating equipment so the Reserve Alerting Horns could be sounded in the Mt. View and West Pittsburg area via remote control from our Communications Center in Pleasant Hill. This alarm also allows the regular Fire Fighters on duty to intensify their daily commercial and home inspections, plus it being used to call the Reserves in the event of an emergency.

The district has a total of 23 Reserves on the rolls as of December 31, 1967. Nine of the Reserves are out of our Station No. 7 and fourteen are out of Station No. 12.

RESERVE MEMBERSHIP

<u>Name</u>	<u>Area</u>	<u>Yrs. of Service</u>
Sam Brady	West Pitts.	26
Jack Mackie	Mt. View	24
Harold E. Wildes	West Pitts.	22
George C. Borba	Mt. View	13
George E. Wildes	West Pitts.	8
Laurence Bartolomei	Mt. View	7
Horace Siino	West Pitts.	7
Frank Higby	Mt. View	5
Jerry Harden	Mt. View	5
Lyle L. Annis	Mt. View	3
Bob T. Fraley	Mt. View	2
Richard J. Krantz	Mt. View	2
Robert L. Hartz	Mt. View	2
Earle L. McGuire	Mt. View	2
Ronald Killough	Mt. View	2
Melvin W. Clarke	Mt. View	*
Garry V. Howes	Mt. View	*
Thomas Neves	West Pitts.	*
William Siino	West Pitts.	*
John Kunstal	West Pitts.	*
Stephen Cosentino	West Pitts.	*
Bobbie C. Price	West Pitts.	*

* denotes less than one full year

ATTENDANCE RECORD

	<u>Sta. No. 7</u>	<u>Sta. No. 12</u>
Total Fire Response (Times Called)	70	42
Average Response (men per call)	2.75	5.09
Total number of Drills	44	38
Average Attendance per Drill	3.5	9.35
Man hours per Drill	308	753
Resignations	1	7
New Recruits	5	3

