



Look closely at the door of this helicopter,
then see "MAXINE" on page 2.

JUNE 1986

"MAXINE"



As you all know, Assistant to the Director Maxine Jeffries passed away in February of this year after a brief battle with leukemia. However, what you probably do not know is that without her, our Air Attack Program would be minus its fleet of helicopters right now. "I'm 98 percent sure we wouldn't have them

now if it wasn't for her," said Air Operations Officer III Olis Kendrick who manages the helicopter program.

CDF has leased its helicopters from the military since 1981. The UH-1F helicopters are converted for use in fire fighting and in the Vegetation Management Program. Those five-year leases were due to be up

this year and because of language that was inserted into the Department of Defense budget the Air Force was not going to be able to renew them. The helicopters were going to have to be returned.

Maxine spent several years in Washington, D.C. as press secretary for Senator S. I. Hayakawa, and had the know how and the connections to guide the helicopter program through the leasing problem. "She knew how to go about it and planned all the strategy," Olis said, "I just provided the technical material."

After many meetings, and a lot of letter writing and phone calls, Olis finally got word early this year that an exemption had been made for CDF and the leases would be renewed.

When this news came Maxine was already in the hospital. She died shortly after. In memorium, Director Partain suggested that one of our helicopters be named after her; and rightfully so, for without her hard work we would be going through this fire season without those helicopters.

Copter 901 now carries the name "Maxine" in her memory.

Last year

All the numbers are in now and they confirm what we all knew: Last year's fire season was one of the worst.

Following are the numbers from last year, and in order to give you something to compare them to we've also included the numbers from the 1984 Fire Season.

1985

Region	Fires	Acres
I	1,274	15,580
II	1,813	10,631
IV	1,473	50,985
V	1,161	123,868
VI	1,517	22,218
TOTALS	7,238	223,282

Top Five Causes

Equip. Use	1,937
Arson	1,166
Misc.	1,164
Debris	1,108
Playing with fire	756

DAMAGE - \$42,981,100

1984

Region	Fires	Acres
I	1,281	4,615
II	1,809	19,776
IV	1,509	32,809
V	1,434	32,149
VI	1,797	14,321
	7,830	103,670

Top Five Causes

Equip. Use	1,959
Debris	1,260
Arson	1,162
Misc.	1,108
Playing with fire	858

DAMAGE - \$23,656,700

How our ranger units fared

Once again Nevada-Yuba-Placer and Riverside ranger units led the statistics with the largest number of fires in state responsibility areas (SRA). NYP recorded 689 wildfires in their jurisdiction in 1985; Riverside recorded 614.

For the past 10 years, (1974-1984), Riverside and NYP have dealt with more fires than any of the other ranger units. During those 10 years Riverside handled an average of 846 wildfires; NYP, 757 wildfires.

However, last year neither NYP or Riverside burned the most acres. Riverside burned 6337 acres and NYP burned 1409 acres but, San Luis Obispo dealt with 312 horrendous wildfires that burned 52,420 acres.

Following is a rundown of the number of fires that each ranger unit had to deal with last fire season.

Fire Season 1986

(Ranger units cont..)

RANGER UNIT	WILDFIRES
NYP	689
Riverside	614
Tuolumne-Calaveras	602
San Diego	560
Shasta-Trinity	443
Amador-El Dorado	423
Santa Clara	386
Lake-Napa	380
Mendocino	326
Humboldt-Del Norte	317
San Luis Obispo	312
Butte	289
San Bernardino	276
San Benito-Monterey	265
Sonoma	251
Madera-Mariposa	229
San Mateo-Santa Cruz	198
Tehama-Glenn	154
Fresno-Kings	144
Siskiyou	122
Lassen-Modoc	116
Tulare	75
Owens Valley	67

Following is a list of acres burned in each ranger unit last year.

RANGER UNIT	ACRES
San Luis Obispo	52420
San Benito-Monterey	49296
Fresno-Kings	35670
Santa Clara	20409
San Diego	13185
Lake-Napa	12394
Riverside	6337
Madera-Mariposa	6180
Tuolumne-Calaveras	5881
Lassen-Modoc	3809
Amador-El Dorado	3095
San Bernardino	2146
Shasta-Trinity	2054
Butte	1998
San Mateo-Santa Cruz	1743
NYP	1409
Mendocino	1349
Tehama-Glenn	1086
Sonoma	1014
Humboldt-Del Norte	823
Owens Valley	550
Siskiyou	275
Tulare	159

*All numbers are for State Responsibility Areas (SRA).

Now that you remember how busy your unit was last year, are you ready for this year!?

(All numbers were provided by Management Services Technician Bonnie Tulysewski)

Last year's fire season will go down in the record books as one of the worst ever as far as acres burned and property destroyed. However, there was a good side to last year's fire season - the PROVEN ability of CDF'ers to get the job done, safely, under extremely hazardous conditions.

During that three-week period last June and July the eyes of the world were focused on us, and we never missed a step. The thousands of hours spent on training and physical fitness, and just plain dedication to the job proved to all that the California Department of Forestry is the best wildland firefighting organization in the world.

The statistics tell the story on how much damage was done but, they don't really tell how many homes and whole communities were saved by our efforts.

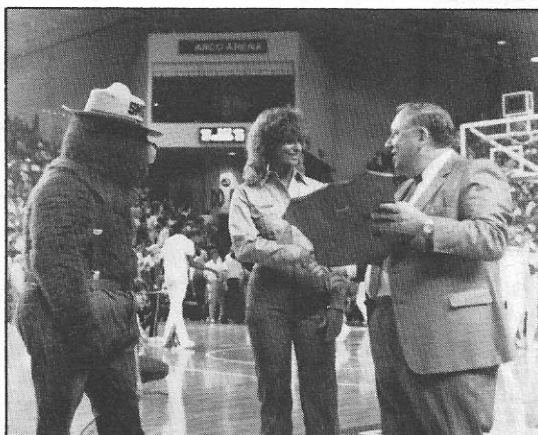
It's too early to tell, but this year could be just as bad as last year and we have to be ready for the worst. The grass crop is very heavy this spring and the potential for extremely hot, fast moving fires is very real.

Our ability to cope with the worst was evident last year and now we must be ready to prove that we can meet the challenge again. Let's all work together as a team to make the 1986 Fire Season a success for CDF.

Smokey and the Pros: 1986



Smokey autographs Kings card sets for some of the (younger?) fans.



Smokey looks on as a Fire Prevention Appreciation Plaque is presented to Sacramento Kings General Manager Joe Axleton by Sandy Wilson of the USFS. The plaque was presented to the Kings by CDF, the USFS, and the BLM.

The California Department of Forestry, U.S. Forest Service and Bureau of Land Management kicked off the 1986 Smokey and the Pro's Fire Prevention Program with the Sacramento Kings and the Los Angeles Lakers, Saturday night, March 22, at Arco Arena in Sacramento.

The Kings lost but, the 10,000 fans in attendance were treated to Sacramento Kings/Smokey the Bear card sets (sorry we do not have any more), and of course Smokey himself was on hand to sign autographs and shoot some baskets to the delight of the younger fans.

(Cont. on pg. 4)

(Pros cont..)

In order to prevent a repeat of last year's disastrous fire season, PREVENTION, is going to be more important than ever and the Smokey and the Pros Program has been preparing for it with a whole new batch of Smokey/ Player posters and public service announcements.

The following organizations are participating in the 1986 program:

MAJOR LEAGUE BASEBALL

- Los Angeles Dodgers
- California Angels
- San Diego Padres
- Oakland A's
- San Francisco Giants

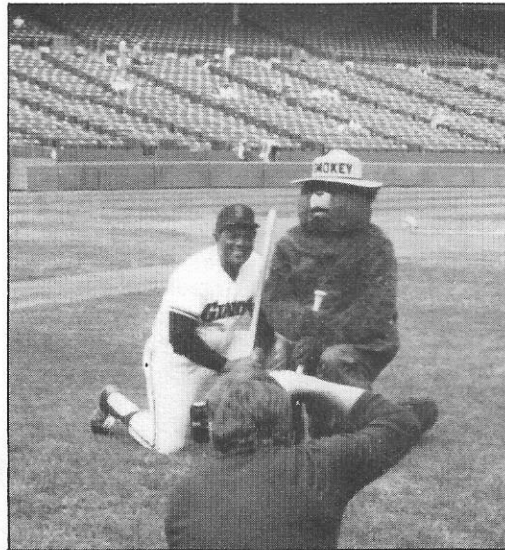
NATIONAL FOOTBALL LEAGUE

- Los Angeles Raiders
- San Francisco 49er's
- Los Angeles Rams
- San Diego Chargers

NATIONAL BASKETBALL ASSOCIATION

- Sacramento Kings
- Los Angeles Lakers

Watch the *Communiqué* for upcoming game dates when Smokey and the Pro's posters will be given out.



Willie Mays and Smokey, (two legends), teamed up recently to shoot the photo for a Smokey and the Pros Program poster.



Oakland A's first baseman, Dave Kingman and future A's player Bryan Alderson, pose with Smokey as part of the Smokey and the Pro's Fire Prevention Program.

Bronze Smokey presented at workshop

Bronze Smokeys were awarded to four attendees at the recent California Interagency Wildfire Prevention Workshop including CDF Fire Prevention Information and Education Officer Jack Wiest.

The prestigious national awards were also presented to three USFS employees who, along with Jack, have coordinated and guided the Smokey and the Pro's Fire Prevention Program.

Golden Smokeys, Silver Smokeys and Bronze Smokeys are presented each year to a limited number of individuals who show outstanding achievement in the field of fire prevention.

The awards were presented during the Wildfire Prevention Workshop, held in Oxnard, California, March 3-7, 1986 and came as a complete surprise to the recipients.

The workshop is an annual meeting of fire prevention employees from a variety of agencies; CDF,



Pictured are from L to R: CDF Director Jerry Partain, Jack Wiest, CDF Fire Prevention and Rod Kindlund, Russ Johnson, Dick Montague, and Punky McClellan of the USFS.

U.S. Forest Service, Bureau of Land Management, State Fire Marshal's Office and county fire departments. The object of the workshop is to increase skill, knowledge and an awareness of state-of-the-art fire prevention programs.

The workshop consists of five

days of speakers and group discussions covering all types of fire prevention related subjects including; "War on Arson", communications and interviewing skills, weed abatement, spark arresters, Volunteers in Prevention, and of course the Smokey and the Pros Program.

Familiar faces are leaving: New faces arrive

The Fire Protection Section in Sacramento is starting the 1986 Fire Season without some familiar faces, and with a few new ones. Beginning at the top, Deputy Director for Fire Protection Jerry Letson is retiring June 27, 1986, after 38 years with the department.



Jerry's been with Sacramento Headquarters since 1975 when he took over as Assistant Chief of Fire Control Operations. In 1980 he promoted to Chief of Fire Control, and in 1984 he was appointed deputy director, the position he will leave behind.

Jerry joined Forestry in 1948 as a seasonal firefighter in the Orange Ranger Unit where he remained until 1959. During that time he was hired on permanent as a forest fire truck driver in 1949, moved up to forest firefighter foreman in 1951, and then promoted to assistant state forest ranger in 1957.

After a short stay in Mendocino in 1959, Jerry became assistant forestry superintendent at the High Rock Conservation Camp (now the Humboldt Fire Center). It wasn't too long after that, (1960), when he moved again. This time to Santa Clara County as associate state forest ranger, a position he held for five years.

In 1965 Jerry moved to Sacramento as a SFR I and spent two years in the position of U.S. Forest Service Liaison. He also spent a

brief time in the contract counties position.

In 1968, Jerry was appointed ranger-in-charge of the Butte Ranger Unit. That was his last field assignment because in 1975 he moved to Sacramento and has been here ever since. Like Jerry says, "My next appointment is June 27."

Even though he's spent 38 years of his life with the department, Jerry said that when he looks back it seems like a relatively short time. When asked what the best part of his stay with CDF was, he said "it was the people", not anyone in particular but, the organization as a whole. He cited the support of lots of people - many of whom don't even realize it - for the career that he has had with the department.

He also mentioned the people that CDF serves. "When we get a call it's because someone really needs help." It's been very satisfying over the years when everything works out. Of course there have also been the times when things haven't worked and lives and property have been lost.

Throughout the years he has also found time to serve on the National Fire Protection Association's Forest Committee, the State Board of Fire Services and the Office of Emergency Services Fire and Rescue Advisory Board.

Jerry has contemplated retirement several times in the past and he says that if he doesn't do it now he may never. Over the years "so much time has been spent with forestry," ... "my wife deserves that time now."

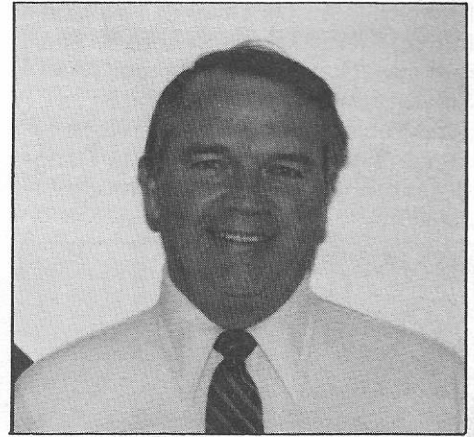
What are his plans after 38 years of getting up and going to work? "I'm keeping all my options open," Jerry said. He wants to keep active; maybe raise some cattle, but most of all enjoy this time in his life.

Save Saturday, July 19, 1986, for a retirement picnic for Jerry.

The picnic will be held at the Oak Grove Regional Park located at Interstate 5 and Eight Mile Road near Stockton, from 11 a.m. to 5 p.m.

A flyer is forthcoming. Contact Betty Bechtel for more information (916) 322-0178.

TAKING JERRY'S PLACE will be current Deputy Director for Management Services Dick Day.



Dick started with CDF in 1949 in various limited-term positions including seasonal firefighter. He took some time off to finish his education and serve in the U.S. Army Corps of Engineers. Dick graduated from U.C. Berkeley in 1954 with a bachelor of science degree in forestry and then spent two years in Germany with the Army.

In 1958, he took a full-time position as an assistant forestry technician at Region II Headquarters where he remained until he came to Sacramento as District III's Fire Control Officer. Four years later he moved to San Andreas where he became ranger-in-charge of Tuolumne-Calaveras Ranger Unit.

Dick was appointed assistant deputy state forester in Santa Rosa in 1975. Then in October 1983 he was named Deputy Director for Management Services in Sacramento. "I've enjoyed working with the Management Services people," Dick said, and he's had a good working relationship with them. They are a tremendous group of people who are dedicated to the department. "I will miss them but will be in close contact with them."

When there is a question or problem, Dick's staff feels free to go to him with it. "People pop in all the time," he added. However, he does expect his managers to do their jobs.

Dick also said that he's not the type to pick up the phone if he's got a question or problem. He goes right to his managers. The 16th floor and the field will probably be seeing a lot of the new Deputy Director for Fire Protection.

Moving along...

(Familiar faces cont..)

In January, Jim Dykes, chief of Region III, left his Chief of Fire Control Operations position here in Sacramento. State Forest Ranger IV Steve Brown has been filling in as acting chief since that time. Now, Steve is heading for the Butte Ranger Unit to fill the ranger-in-charge position.



Steve started his CDF career 22 years ago in Butte at the old Hurlerton Station. After spending three seasons there, during which time he was the first firefighter at the new Kelly Ridge Station, Steve moved to the Santa Clara Ranger Unit in 1967 as a forest fire truck driver.

In 1968, Steve graduated from California State University, Hayward with a bachelor's degree in political science and then left for a three-year stint in the Army as a Lieutenant in the Medical Service Corps.

When he returned from Vietnam, Steve reinstated in the Santa Clara Ranger Unit at the Sunol Station. He subsequently promoted to fire captain in the San Mateo-Santa Cruz Ranger Unit, and to State Forest Ranger I in San Diego where he was both a district ranger and air attack officer.

In 1979 Steve was assigned to the Fire Academy where he spent three years as Director of Fire Training before promoting to SFR III and coming to Sacramento. During his four years in Sacramento, Steve has been involved in coordinating the department's Cooperative Fire Protection program, including Schedule "A", contract counties, and federal agencies. Since taking over as acting Chief of Fire Control Operations Steve has been heavily involved with collective bargaining, ranger series allocations, and chairing the Emer-

gency Fund Task Force. He is a certified Chief Fire Officer and instructs in the fire command curriculum at both Asilomar and the National Fire Academy.

Both Steve and his son Matt, look forward to the move to Butte County. "Returning to an area I love and a ranger unit with a top flight reputation must be the reward for working and wearing out two new cars commuting over 120 miles daily for the last four years," said Steve.

More changes...

If you've been keeping track; at this point we have two vacant positions: 1) the Chief of Fire Control Operations position that Steve has been filling and 2) the position of Chief of Fire Planning and Research that Steve held previously.

Filling the position of Chief of Fire Control Operations is Bill Teie who is leaving his Ranger-in-Charge of Butte Ranger Unit position to join us in Sacramento.

(Look for a photo of Bill in an upcoming Communiqué'.)

Bill started with CDF 27 years ago, (1959), as a seasonal firefighter in the Santa Clara Ranger Unit. He spent the next four summers in a variety of positions with the department including firefighter, fire apparatus engineer and seasonal dispatcher. During this time he moved around quite a bit; going from Santa Clara to the Pratt Mountain helitack base in Humboldt, to Fresno, to Madera-Mariposa and back again to Santa Clara.

In July 1965, Bill was hired on permanent as a graduate trainee in Region I. After a brief stay there, he spent the following three years as an officer in the Army, stationed in Germany.

He was reinstated in Region I in 1969 as a junior forester. That same year he promoted to State Forest Ranger I and took over as emergency command center chief in Region I until 1972. He then transferred back to Butte Ranger Unit as a battalion chief in Chico.

Bill moved again in 1973 as a SFR II to the Orange Ranger Unit where he remained until 1978 when he first came to Sacramento's Fire Protection Section as a SFR III.

In 1980 he took over the position of Ranger-in-Charge of Butte Ranger Unit where he remained until permanently joining the Sacramento staff on May 20, 1986, as Chief of Fire Control Operations.

Bill says that he is excited about making the move to Sacramento but, of course, somewhat sad at leaving behind the Butte Ranger Unit. I have had some of "the best times of my life here," Bill said.

Along with his new position in Sacramento, on May 7, 1986, Bill was sworn in as the president of the California Fire Chief's Association.

Bill noted that right now, "everything is coming together," in his life.

(Look for a photo of Bill in an upcoming *Communiqué*.)

That leaves just one more position to fill among all these current changes; Chief of Fire Planning and Research. However, since we don't yet know who that is going to be right now, stay tuned to your *Communiqué*.



Another retirement that affects Fire Protection is that of Senior Air Operations Officer Cotton Mason, on May 30, 1986.

Cotton spent 36 years with the department, starting in 1947 as a seasonal firefighter in the Lassen-Modoc Ranger Unit. He joined CDF permanently in 1952 as a forest fire truck driver and then moved up to firefighter foreman in 1953, in Tehama-Glenn.

In 1955, Cotton moved to District II as a forestry trainee and then promoted to assistant forestry technician at Latour State Forest.

It was back to Lassen in 1958 where he promoted to assistant state forest ranger but, that stay was short because he moved on to the Butte Ranger Unit in 1959 as a

(Cont. on pg. 7)

("Cotton" cont..)

project supervisor at the Magalia Conservation Camp, (now the Butte Fire Center). Cotton promoted to forestry superintendent at Magalia in 1960.

It was back to Lassen one more time in 1963 as a state forest ranger I in charge of the Forestry Training Unit at the California Conservation Center. In 1965, Cotton did something he had always wanted to do; he got his pilot's license. Since then

he has been licensed as a commercial pilot, flight instructor, and has a type rating in the S-2 air tanker.

Cotton remained in the Forestry Training Unit until 1972, when he came to Sacramento as an SFR II in Fire Control as the Federal liaison officer. In 1973, he started flying for CDF and one year later was named Chief Air Operations Officer (the title was changed to Senior Air Operations Officer in 1978).

Cotton says he plans to remain in the Sacramento area where he will try to do something connected with aviation.

A retirement celebration for Cotton is planned for Friday evening, June 27, 1986, at Howard Johnson's Lodge, 2300 Auburn Boulevard, Sacramento. Happy hour will begin at 6:30 and dinner will be served at 7:30. Contact Ollis Kendrick (916) 324-9689 for more information.

Health and Safety Column

"SMOKING, OR FIRE FIGHTING, WHICH IS MOST HAZARDOUS?"

Which is worse for your lungs: Fighting fires or smoking cigarettes?

If you said fighting fires, which produce all that choking smoke, you are wrong. According to scientific research conducted on members of the London Fire Brigade, the prevalence of respiratory problems was significantly higher in firefighters who smoke cigarettes than in firefighters who do not.

Make no mistake—there is nothing good about breathing in the products of combustion at a fire. In fact, concern over the effect of smoke from fires is the reason for previous and continued research. In 1976 the Institute of Occupational Health in the London School of Hygiene and Tropical Medicine carried out a pulmonary survey of more than 100 randomly selected London firefighters. This was an attempt, the researchers said, "to determine whether firemen might be incurring an increased risk of pulmonary impairment as a result of occupational exposure to smoke and fumes."

There were some surprises in the research results. The report "showed that firemen exhibited ex-

cellent pulmonary function when compared with predicted or reference values."

However, there were aspects of the study that were not clear. A follow-up study was undertaken to validate specific findings and further investigate aspects that were not clear.

In the follow-up study, 1428 firefighters were examined, including 777 of the previous group. The firefighters completed a questionnaire on respiratory symptoms and smoking habits which was followed by standard tests to measure lung function. The same trained operator performed all tests to eliminate the chance of operator differences in measurement.

According to the report, "analysis again confirmed a pronounced effect on lung function as a result of tobacco smoking in addition to the normal aging effects present in nonsmokers."

In addition, the report stated, "The prevalence of respiratory symptoms was higher in smokers than nonsmokers and reached a maximum in those smoking 25 or more cigarettes per day."

It was also surprisingly confirmed

that: "No correlation was indicated between pulmonary function and either fire exposure or length of service." To the contrary, when the follow-up study compared the lung function results predicted for a "normal" population of similar age and height, "the firemen in the study again proved to have excellent, i.e., above average, pulmonary function. This applied to all age groups."

In considering these findings, it should be stated that London firefighters conscientiously wear self-contained breathing apparatus (SCBA) whenever exposed to combustion. This should emphasize the importance of wearing SCBA, if American firefighters are to achieve similar results.

In any event, the main impact of these findings is something that we should have known intuitively. Cigarettes are a firefighter's worst enemy. (Tobacco smoke can actually aid the injurious effects of inhaled hazardous fumes, gases, vapors and dusts on bodily organs.) When properly equipped, smoke from a fire is no threat. Any prudent firefighter will ALWAYS wear SCBA whenever products of combustion are present at structural and vehicular fires.

Instructor of the year

The Ed Bent Instructor of the Year Award was recently presented to Fire Academy Administrator Jim McFadden by the Fire Chiefs Association, Fire Instructors Workshop, and Film Communicators, a leader in providing training materials.

The award has been presented

annually since 1981 and is considered to be the highest form of recognition that a fire instructor can earn. Jim is the first CDF instructor to receive the award making it even more of an honor.

Nominees for this award must have demonstrated a dedicated

commitment to the fire service as a whole. Selection is influenced by the nominee having developed an outstanding course or other program, authored a text, devised audio-visual aids or otherwise contributed significantly to the training field.

Congratulations Jim!

Riverside Haz-Mat Team



The Riverside County Hazardous Materials Team is the first of its kind in the history of the California Department of Forestry/Riverside County Fire Department.

With its inception in the early 1980's and funding by the county fire and health departments, official approval by the Riverside County Board of Supervisors led to the hiring of personnel in 1985.

The Haz-Mat Unit is an International Harvester Crew Cab buildup,

on loan from the State Health Department. Presently, the unit is equipped with some basic chemical detection and monitoring equipment, special protective clothing, and a reference library. By late 1986, when the Haz-Mat Unit will be fully staffed and operational, it will have on board a complete reference library, computer, splash units, fully encapsulated suits, flash units, plugging equipment, and more extensive detection equipment. The unit will be

available for any hazardous materials incidents, regardless of jurisdiction, within Riverside County.

In 1985 a team of three fire captains worked on budgeting, staffing, training, and preparing a viable operational program for the county. Present staffing includes the three captains, six fire apparatus engineers appointed this year, and additional personnel from the Health Department which brings the number of response team personnel available on each incident to five.

Individual Haz-Mat Team members received over 200 hours in specialized training in 1985 and expect to receive over 300 hours this year. At the end of this extensive training, each person on the team will be certified as a Hazardous Material Technician I by the State Fire Marshal's Office and qualified to respond to hazardous material incidents. Additional equipment, training, etc., will place the Haz-Mat Unit into full service by July 1, 1986.

71 STATIONS IN RIVERSIDE

This June marks the end of the long awaited staffing of many new stations within the Riverside Ranger Unit.

Palm Desert North and La Quinta South stations were staffed on a fulltime basis, year round, at the end of 1985. The Home Gardens and Wildomar stations were staffed in May 1986, with one fire captain, two engineers, and a firefighter I. Kennedy Park Stations, located in the new city of Moreno Valley, will be fully staffed this month.

Money to staff these urgently needed stations was funded through the Riverside County General Fund.

Riverside Ranger Unit fire station totals are now: nine state, 50 county, and 12 all volunteer county stations.

plishments and duties include managing a volunteer force of 500 citizens; rewriting and updating the "5-Point" Fire Prevention Education Program; chairing the Inter-Agency Committee on Team Teaching; coordinating the filming of the Team Teaching training film in the area; acting as even leader for the Smokey and the Pros education program., organizing Team Teaching for deaf children using "sign"; and most recently, forming a VIP-Air Wing for high hazard patrols.

To top it off, Jim's Fire Prevention Education programs have reduced the San Diego Ranger Unit's child-caused fire incidents by over 60 percent in the last five years.

land division review, and building plot plan requirements.

The funding and duties of these technicians is the culmination of many years of research and budgeting. Until the final approval from the Riverside County Board of Supervisors last year, these technicians were employed as firefighter I's and worked in an experimental hazard reduction program.

During the experimental program, four technicians performed 57,000 LE-38 inspections in specific target areas. These were generally areas where large numbers of fires had been caused by children playing with matches, or where specific arson related problems occurred. It was found that vegetation fire occurrences were greatly reduced in these experimental areas. Due to the success of the program, the areas have been expanded and an additional two technicians hired for the program.

1986 brings forth a lot of promise. These technicians will not only perform LE-38 inspections, but will handle the Tax Lien Program that concentrates on vacant parcels within

(Cont. on pg. 9)

REGION III FPO OF THE YEAR

Fire Captain Jim Van Meter, VIP coordinator for the San Diego Ranger Unit, was recently honored with the Region III Fire Prevention Officer of the Year Award.

Jim has over 25 years of service with CDF. His last five have been in fire prevention. His many accom-

FIRE PREVENTION TECHNICIANS

The Riverside Ranger Unit Fire Prevention Section hired six fire prevention technicians in March.

They will be doing LE-38 inspections for Public Resources Code 4291, a tax lien hazard reduction program; concentrated Title 19 occupancy inspections and plan checks;

(Technicians cont..)

the western portion of Riverside County. "NOTICES TO DESTROY WEEDS" were mailed to 29,000 vacant record ownership parcels through the Riverside County Assessor's Office.

Inspection for compliance began May 1, 1986. Parcels in violation will

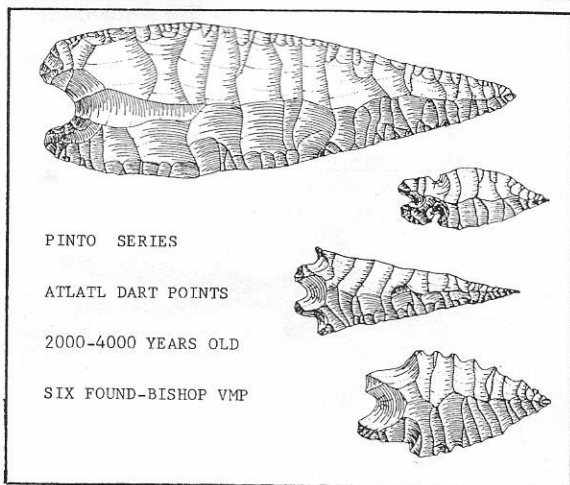
be disked by contractors hired by Riverside County and the cost per acre and an administrative fee will be attached to the property owner's taxes.

In the meantime, the technicians have been doing Title 19 licensing inspections; and inspections of

schools within Riverside County, totalling to 2,800 inspections since December 1985.

An expansion of the program, including more inspectors hopefully will occur from the self-generating revenues of the program.

Caterpillars and archeological sites don't mix by CDF Archeologist Richard Jenkins



Six of these Atlatl dart points were found during inspection of the Bishop vegetation burn area. They are 2000 - 4000 years old.

CDF's Owens Valley Ranger Unit recently entered into an agreement with the Los Angeles Department of Water and Power to perform prescribed burns under the Vegetation Management Program. The purpose of the burns is to reduce the fire hazard to surrounding communities by removing old stands of scrub such as rabbit brush. A total of 30,000 acres is projected to be burned over the next several years.

During the environmental review process, archeology was an area of concern. State law mandates the protection of cultural resources during state funded projects. While the actual burn process does not generally adversely impact archeological sites, the construction of fire control lines with heavy equipment may. Simply stated, caterpillars and archeological sites do not mix.

Pre-project research showed that only small portions of the project areas had been previously examined by archeologists and, that accordingly, only two archeological sites were known. The archeological potential of the area appeared to be high, due to the flat topography and a previous abundance of water.

Field inspections were scheduled to examine the known sites and to hopefully discover additional ones.

On the first day of inspections CDF archeologists Dan Foster and myself, CDF project managers Boyd Newby and Bill Sanders, and Los Angeles Department of Water and Power lead person and biologist, Patti Novack were all present. We got a feel for the projects by spending a few minutes at each of the 10 parcels surrounding the town of Bishop. We were fortunate in that Patti showed us two sites she had discovered earlier and then we happened across several others.

Though we only saw a handful of archeological sites that first day, a settlement pattern became apparent. Prehistoric peoples in the region had a preference for locating their sites on low sandy rises or dunes which are adjacent to streams. We surmise that these rises, often only 2-3 feet high, would have provided dry habitation areas in a region that otherwise turned boggy by unregulated stream and river flows.

To test our hypothesis we needed to field check all of the sandy rises within the burn parcels. However, locating these areas was going to be a problem as they don't show up on topographic maps and are not readily visible from parcel perimeters. Furthermore, we didn't have time to field survey all 2000 acres.

Patti, from the L.A. Department of Water Resources, resolved our dilemma by providing a set of low altitude aerial photos of the area. The resolution was such that sandy rises and individual trees were clearly visible. We plotted the sandy areas onto the project maps and off to the field we went.

The field survey turned out to be a tremendous success. Our hypothesis seemed to hold, as 13 out of 18 sandy rises contained archeological sites. Based on artifact typology we estimate the sites of the area to range from 400 to 4000 years old.

Once identified, protecting the archeological sites was not difficult for the project managers. Fire control lines were placed around the sites rather than through them. No extra time or expense was involved in protecting these resources.

This project turned out to be a winner for all concerned. Project managers were able to proceed with only a few minor modifications to their plans and the archeologists were able to discover a new settlement pattern. The biggest winner of all, however, was the resource itself. Without this study archeological sites may have been needlessly destroyed.

25-YEAR CLUB MEETS

The 28th annual gathering of CDF's 25-Year Club drew 424 members and guests to the Paso Robles Fairgrounds, April 19, 1986. Those in attendance enjoyed not only excellent weather but also, the traditional Saturday afternoon registration-social period and an evening steak barbecue dinner meeting, followed by dancing to the music of "Brush Fire"

Miniature rocking chairs, the club's award to new members, were presented by charter members John

(Cont. on pg. 10)

(25 years cont..)

Wade and George Britton to: Bob Maclean, 1972; Bill Boro, Dave Falteri, Fred Frank, James Lynch and Jim McFadden, 1984; Don Ashton, Bob Browning, Gerald Denny, James Hart, Gene Starks, Don Striepeke and Charles Vaughn, 1985; and Gene Bach, Fred Batchelor, Wayne Bender, Eunice Black, Jim Childre, Robert Evans, Frank Fruit, Phillip Gilbert, Dick Goings, Richard Hoover, Earl Lovenguth, Clint Mentzer,

George Osborn, Delbert Rowell and Don Sanches, 1986.

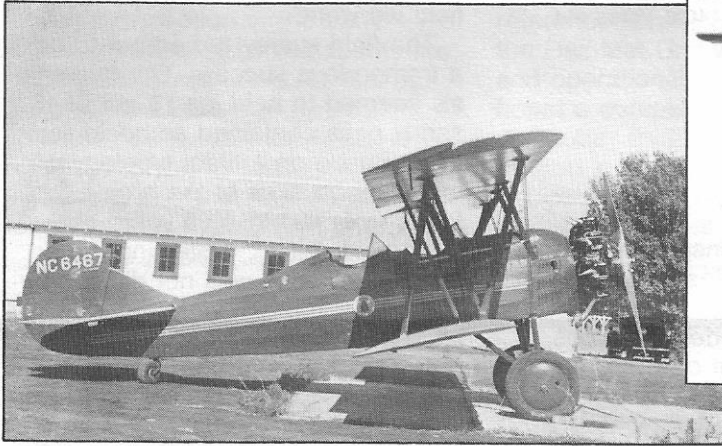
According to outgoing president, Orville Ingram, it was the "best ever" and the attendance was significantly bolstered by CDF's Wagon Train R.V. Club which had a turnout of 73 recreation vehicles for their annual business meeting and election of officers. Ingram also gave high praise to those making arrangements for the affair and for the suc-

cess of the gathering.

Incoming president, Arlene Taniguchi Keiunji, with her fellow officers; Vice President Bob Kutz., Secretary-Treasurer Frank Quadro; directors Ron Thomas, Bob Jackson and Duane Kelly, and past president Orville Ingram, announced next years meeting would be held in Sacramento at the Sacramento Inn on Saturday, April 11, 1987, and encouraged all to keep the date open to attend.

Firefighting equipment

Then...

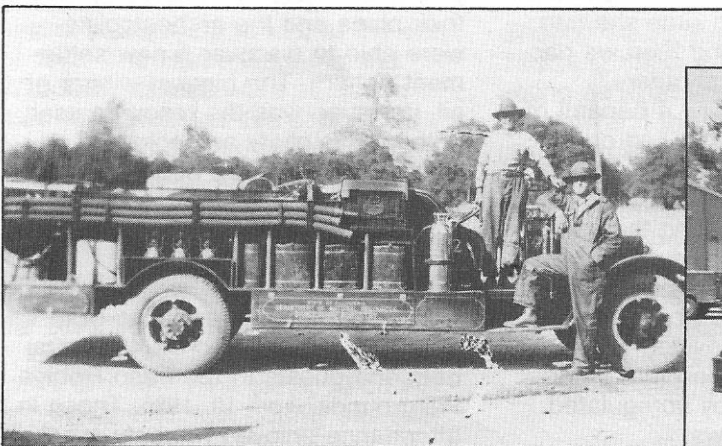


The caption under this photo reads: Davis, California, CDF, Bull Steerman plane partially owned by CDF. About 1940.



The S-2.

..AND...NOW!



The caption under this photo suggests that this engine (1920) was shared between El Dorado, Nevada and Yuba. The driver was Harvey Smith (who was also the cook) and Al Frost was a ranger at Placer. We can only assume that they are the two men in the picture.



What a difference! This is pilot model #11. It is a three man conventional drive engine that holds 1100 gallons of water and has a 500 gallons per minute auxiliary pump.

Personnel Transactions

COAST REGION

Transfers - FF II John Childe to Santa Clara
Promotions - Carl W. Vogt to SFR I; Daniel J. Mowrey and James W. Harris to FC (B), all at Eel River CC; James R. Bawcom to For. I, Mendocino; Kirk Landuyt to FC (A), San Mateo-Santa Cruz; Victor B. Massenkoff and Joseph F. Miller to FC (A), both at Lake-Napa
Appointments - Catherine M. Kessinger to OA II (T); Terri J. Haydon to Steno. (B); and Ronald J. Franchi to M&SS I, all to Hqs; Michael Estes to HEM; and Ed Hutchison to FAE (JAC), San Mateo-Santa Cruz; Michael R. Strande to For. Pilot (Helicopter); Dennis Ryan and Steven Meyer to FAE (JAC), all to Humboldt-Del Norte; William Mendonca, and David Barsi to FAE (JAC), Lake-Napa; Gerald Gonzales to FAE (JAC), Mendocino; Douglas Rinella, Lawrence Jew, and David Allan IV all to FAE (JAC), Santa Clara; Michael Ng and Bryan Zollner to FF II (JAC), Santa Clara; Lynn A. Webb to For. Aide, Boggs Mtn. Demo. St. For., Rosemary Loveall to For. Aide, Jackson Demo St. For.
Reinstatement - Laura M. Colson to Ofc. Tech (T), L. A. Moran Refor. Ctr.

CENTRAL REGION

Transfers - SFR II Jerry Geissler; FC's Jim Barnes, Larry Cowger, Leonard Garcia, James Gaffney, and Don Cooper, all to Tuolumne-Calaveras; FC (B) Mark Broussard to Madera-Mariposa; FC's (B) Phil Brown, Mike Quattieri, and Stephen William to Hqs.
Promotions - Carl Vogt to SFR I; Matt Silva to FC, both Amador-EI Dorado; James Dreo to SFR I, Tulare; Don Adams, Ben Hutchison, James Reid, Dave Degrende, John Craney, and James Smith all to FC (B), Hqs.
Appointments - Mike Chuchel, Dennis Ray, and Linda Green to FAE, Fresno-Kings.
Reinstatement - FAE Brad Eatmon, Fresno-Kings.
Retirements - SFR II Ray Little, Amador-EI Dorado; SFR I Ken Strickland and FC Bob Kutz, both from Fresno-Kings.
25-Year Awards - SFR IV Fred H. Batchelor, SFR I Robert M. Beilage, SFR II George W. Osborne, FAE Leland E. Harris, and FC Bill D. Farmer.

SOUTHERN REGION

Transfers - FC (A) Clyde Chittenden; FAE's Bradley Smith and Stephen P. Hartman; FF II Pete K. Blakemore and For. Pilot (Helicopter) James L. Dailey all to Riverside.
Promotions - John Gruber to FC (A), San Diego, David Petrinovich, James A. Taylor, Charles McCall, Jr., Terry Adkins, Daniel Schott, Travis Witten, Edward McOrmond, and Daniel L. Thomas to FC (A); Daniel Talbot, Robert Ramirez, and William J. Vasquez all to FAE, Riverside.
Appointments - Alfred Duke to FAE; Marvin Wennekamp, Wesley D. Grim, and David Toussaint, all to FF II, Riverside; Gregory Schlitz and Robin Ceballos to FAE; David M. Thomas, Alan P. Mason, Danny R. Ulvevadet, Kevin E. Olson, all to FF II, San Bernardino; John T. Huffman to Electr. Superv., Hqs.

Retirements - FAE Marvin Allen, San Bernardino; and FC (B) Paul A. Tremblay, Oak Glen.

Reinstatement - FAE James Hollingsworth, Riverside.

Correction - In May *Communiqué* - SFR III David J. Driscoll to Riverside.

SACRAMENTO HEADQUARTERS

Transfers - SFR IV William Teie; FC (A's) Lee Bennion and Aaron Bullock both to Fire Academy.

Promotions - David Ebert SFR I; Denise

Robertson to OA I (T); Marlene Dondero to Work Process. Tech.; and Nancy Martinelli to OA II (T), all to Fire Academy; Regina Anderson to PA I.

Appointments - Maria Costa to PA I; Bonnie Pistoresi to Ofc. Tech (T); Linda Gallagher to OA II (T); and Princesita Barnes to Food Serv. Tech., Fire Academy.

Separations - Research Prog. Spec. I Jeffrey Welker; Acct. Clk's. II Cheryl Masek, Ruby Shintani, and Kathleen Doberneck.

Retirement - Sr. Air Operations Ofcr. Clarence W. (Cotton) Mason, Jr.

EXAMINATION CALENDAR

Upcoming Examinations

Title	Exam Base	Final Filing Date
Data Processing Manager III/IV	Dept. Promo.	June 26

Examinations in Progress

Title	Status
Associate Governmental Program Analyst	Interviews anticipated early June
Office Services Supervisor II	Interviews anticipated in June
Personnel Assistant II	Interviews anticipated in June
Personnel Assistant III	Interviews anticipated in June
Sr. Accounting Officer (Specialist Supervisor)	Interviews anticipated in June
Data Processing Manager I/II	Interviews anticipated in June/July
Staff Services Manager I	Interviews anticipated in June/July
Fire Captain	Interviews anticipated in mid-July
Senior Clerical Series: Office Services Supervisor I	Interviews anticipated in July/August
Office Technician Secretary	
Sr. Account Clerk	
Sr. Stenographer	
Executive Secretary 1/II	Interviews anticipated in July/August

Final filing dates are tentative. Do **Not** submit applications for examinations until the Bulletin has been released.

THANK YOU

Operations Coordinator Ken Stanley of the Sacramento Emergency Command Center would like to express his thanks to all of you who sent cards and telephoned him during his recent recovery from surgery.

Ken is back at work now and he says that all your concern really helped keep his spirits up while he was home recuperating.

SAVE THIS DATE

Be sure to save Saturday, July 26, 1986 for a retirement party for Ray Skeels of Region IV. More details and a flyer are forthcoming. Contact George Alex in Region IV for more information: Green 59, (209) 222-3714.

NOTICE

To all of you who are on the *Communiqué* mailing list (retirees and GENERAL, not current CDF employees), we need to hear from you so we can keep you on the mailing list.

If you haven't done so already, please drop us a line, and make sure you include your current address so we know where to send your newsletter.

If we don't hear from you SOON you're going to miss out on all that Forestry news.

COMMUNIQUE

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PHOTOS

If you have a photo depicting the people and mission of CDF that you would like to see on the cover of *Communiqué* please send your black and white glossy print or negative with a description to *Communiqué*, California Department of Forestry, 1416 Ninth Street, Sacramento, CA 95814.

PLEASE, DO NOT PUT TAPE ANYWHERE ON ANY PHOTOS YOU SEND IN FOR THE *Communiqué*

From:

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OFFICE OF PUBLIC AFFAIRS
1416 NINTH STREET
SACRAMENTO, CA 95814**

To:

