

Section 7085
(October 2002)

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NON-CDF PERSONNEL AND EQUIPMENT 7085
(October 2002)

HIRED EQUIPMENT 7085.1
(see annual CDF Hired Equipment policy booklet)
(October 2002)

RENTAL AT SCENE 7085.1.1
(October 2002)

Sometimes, in imminent threat situations incident commanders need to hire equipment that has not been inspected and signed up by CDF or a cooperating agency. When this occurs, the IC will be responsible for notifying the ECC of the hire and acquiring a request number for the equipment. The IC must make certain that all inspections, fiscal procedures and documents are properly completed as soon as incident activity permits. EERAs prepared in these situations are valid only for the duration of the incident, and must be so noted on the EERA. (7761.2.7.1)

**PROMPT RELEASE OF SUB-STANDARD
OR UN-REQUESTED EQUIPMENT** 7085.1.2
(October 2002)

When the equipment hired to meet imminent threat situations arrives without being requested or when the equipment does not meet the requirements of CDF policy, the IC must immediately order appropriate replacement equipment and then release the "pickup rental" when the pressing emergency necessitating the hire has passed, or when the replacement equipment arrives. **IN NO CASE WILL THIS TYPE OF HIRE EXTEND BEYOND 12 HOURS DURATION WITHOUT SPECIFIC WRITTEN AUTHORIZATION OF THE INCIDENT COMMANDER.** (7761.2.7.3)

**GENERAL HIRED EQUIPMENT
OPERATING GUIDES** 7085.1.3
(October 2002)

Equipment hired with operator is hired "wet." Meaning that it is the contractor's responsibility to provide fuel, oil, grease, filters, parts, service and labor required to maintain equipment in safe operating condition. However, at the request of the contractor, the state may (at its option) provide labor, fuel, oil, grease, filters and other necessary items to service and/or maintain the contractor's equipment, with the costs thereof being determined by the state and deducted from the payment due the contractor. (3833.1.7)

INSPECTION AT INCIDENT

7085.1.3.1

(October 2002)

Upon arrival at the incident, or at any time thereafter, CDF may conduct an inspection of the equipment to insure that the vehicle and operator meet all requirements for complement, capacity, and capability, and that the vehicle and operator are in a condition to work safely. Any vehicle or operator failing such inspection should be released from the incident.

INSPECTION UPON RELEASE

7085.1.3.2

(October 2002)

Before being released from an incident, each piece of hired equipment should be inspected by the incident Ground Support Unit and documented on Form OF-296, or R5-5100-2T. All vendor claims of damage that occurred while the equipment was under hire to CDF shall be documented at this time. (3833.1.11) For bulldozers and other vehicles that have not worked in an incident assignment, this inspection may be abbreviated. (7761.3)

HIRED WATER TENDER OPERATING GUIDES

7085.2

(October 2002)

If the use of a water tender is expected to exceed 12 hours per day, a second operator should be requested from the vendor and driving duties should be divided between the two operators.

WATER TENDER EQUIPMENT REQUIREMENTS

7085.2.1

(October 2002)

All water tenders must be equipped with the following minimum safety items:

- Reflectors, one set of three
- Fire extinguisher, rated 10 BC or better
- Chock blocks of appropriate size for tire diameter
- Flashlight
- Electronic backup alarm, minimum 87 DBLs

Fire Ready and Support water tenders will meet or exceed the following requirements:

1. Minimum useable capacity: 1,000 gallons for Support Group; 2,000 gallons for Fire Ready Group.
2. One (1) axe/Pulaski and 1 shovel.

3. Operator personal protective equipment:
 - Nomex shirt and trousers - CAL OSHA specifications
 - Nomex shroud is recommended
 - Hard hat
 - Goggles
 - Gloves
 - Fire shelter - USFS specifications
 - Lace-up leather boots
4. Canteen with water, 1-gallon minimum.
5. Pump, minimum 150 GPM for Support, 250 GPM for Fire Ready.
6. 100 ft. 1-1/2 serviceable cotton jacketed fire hose with nozzle.
7. One (1) 1" combination fog/straight stream nozzle with 1-1/2" NH to 1" NPSH reducer.
8. Two (2) each 1.5" NH connections or 1 each 2.5" connection with gated wye to 2 each 1.5 NH" connections.
9. One (1) fire hose clamp and one hydrant wrench.
10. Radio, field programmable to CDF frequencies (Fire Ready group only).

All vendor-owned equipment should be clearly marked to prevent accidental confiscation by fire agency personnel. Such marking should be documented on arrival at the incident on the vehicle check-in inspection form. (3833.1.11)

If an ordered water tender arrives at the incident without the required minimum safety items or equipment, or does not meet the specifications for pump, plumbing, buildup, etc., the water tender will be rejected. For a rejected water tender, no payment will be made for any time incurred by the contractor and the equipment will not be hired on the incident. (3833.1.11)

Water tenders not meeting the minimum standards will be replaced at the incident as soon as replacement water tender can be exchanged. The water tender will be rejected for hire if it does not meet the minimum equipment standard. (3833.1.11)

HIRED BULLDOZER OPERATING GUIDES **7085.3** (October 2002)

Bulldozer operator work shifts exceeding 16 hours in a calendar day are unacceptable except in unusual circumstances, which must be clearly justified in writing by the fireline supervisor responsible for the work of the equipment, e.g., division supervisor, strike team leader. **If the actual work hours of the bulldozer are expected to exceed 12 hours in a 24-hour period, a second operator should be ordered from the vendor.** (3833.1.5)

BULLDOZER EQUIPMENT REQUIREMENTS

7085.3.1

(October 2002)

All hired bulldozers will meet or exceed the following equipment requirements:

(7761.4.3.2)

- R.O.P.S. with heavy mesh screens on sides and rear
- lights, 2 front and 2 rear
- belly pan and rock guards, unless rock guards are not recommended or produced by the original manufacturer
- radiator protection
- one shovel
- one axe or Pulaski
- backup alarm
- seat belts
- Operator personal protective equipment will comply with Cal OSHA requirements and as a minimum will include:
 - Nomex shirt and trousers: CAL OSHA specification. Nomex shroud is recommended.
 - Hard hat
 - Goggles
 - Gloves
 - Fire shelter - USFS Specification
 - Lace-up leather boots

Fire Ready bulldozers will also meet or exceed the following requirements:

- lights, 4 front and 2 rear
- radio, field programmable to CDF frequencies. Either portable or fixed-mount is acceptable. Operators are encouraged to use an earphone/microphone headset with the radio (7761.6)
- protective fire curtains inside of R.O.P.S. on sides and rear
- ABC fire extinguisher
- canteen with water, 1 gallon minimum

FALLERS, CHAINSAW OPERATORS, AND SWAMPERS (3833.1.16)

7085.4

(October 2002)

Chainsaw Operator: Chainsaw Operators are assigned to fireline construction to perform tasks such as bucking logs and cutting small trees up to 24 inches dbh. They will utilize saws of the 42cc to 66 cc size class, and will be paid at that rate. If the vendor insists on utilizing a larger cc (displacement) saw, the vendor will be paid at the lower (less than 67cc) saw rate.

Chainsaw Operator Module: consists of 1 Chainsaw Operator, with saw, transportation, fuel, maintenance tools and supplies, and all required safety equipment.

Faller: Fallers are assigned to special cutting problems or burning trees in excess of 24" dbh. They will utilize saws of the 67cc to 89cc size class, and will be paid at that rate.

Faller Module: consists of 1 Faller, with saw, transportation, fuel, maintenance tools and supplies, and all required safety equipment.

Swamper: Swampers are not to be routinely hired. However, CDF and federal wildland fire agencies may authorize or require that a swamper work with a Faller or a Chainsaw Operator. They may be hired to transport extra equipment needed to handle old growth or problem trees, or to otherwise assist the Faller or Chainsaw Operator in performing difficult drops.

FALLER/CHAINSAW OPERATOR REQUIREMENTS

7085.4.1

(October 2002)

Fallers and Chainsaw Operators will be treated as contractors and will be expected to provide all equipment necessary to do their job. This will include providing their own chainsaw, transportation, and personal protective equipment (PPE). Required PPE includes:

- Nomex shirt and trousers (CalOSHA approved)
- Hard hat (attached Nomex face shroud is recommended)
- Goggles
- Gloves (CalOSHA approved)
- Fire shelter - USFS specifications
- Lace-up leather boots
- Chainsaw chaps

If the contractor does not have the required Nomex, gloves, goggles, and fire shelter, CDF may, if available, provide these items to the contractor, and either recover them later or deduct the cost of these items from the contractor's payment. **If the contractor does not have the required PPE and CDF is unable to provide it, the contractor will be released.**

The contractor will be responsible for the safe condition, operation, maintenance, and fueling of his/her equipment and vehicle.

Swamper Requirements: The swamper will have vibram sole or calk boots, gloves and hard hat. Other personal protective equipment (PPE) will be provided by the government. Swampers will not be "upgraded" to Fallers or Chainsaw Operators after being signed up as swampers. Swampers shall be 18 years of age or older.

Timekeeping and compensation

Payment for labor and equipment under EERA:

The vendor employing a Chainsaw Operator, Faller, or Swamper is to be paid according to the terms of his Emergency Equipment Rental Agreement (EERA) using the appropriate ordering agency's Emergency Equipment Use Invoice. (For CDF this is the CDF-61.) Contractor saw(s) are to be listed on the EERA by size and at the appropriate EERA rate. Payment will be based on the saw size required to do the job and the hours under hire.

The vendor will be paid the hourly rate per day **when the Faller, Chainsaw Operator, or Swamper are on shift**. This will not normally exceed 16 hours per day and will end when the contractor returns to the incident base or camp. (In addition, they will be paid the appropriate work rate for their original travel from and final return to their point of hire. Off shift travel time to home and back plus incident base for shift assignments is not compensable.)

Payment for equipment under EERA and labor under FC-42: CDF can decide to hire a known local Faller, Chainsaw Operator, or Swamper, at their discretion, who do not possess worker's compensation or medical insurance coverage. Under this circumstance, the Faller, Chainsaw Operator, and/or Swamper are hired as a temporary state employee, using the FC-42 "Time Sheet and Pay Voucher", rather than as a contractor or contractor's employee.

In this situation, an EERA is prepared for payment for the chainsaw and the vehicle at the "Without Operator" rate. Saws are paid at the Daily Rate based on engine displacement (cc) of the saw. The Faller's or Chainsaw Operator's transportation is paid at the mileage rate only (**no guarantee**) for the actual miles driven, based on vehicle type provided. The saw and the transportation are paid separately on two CDF-61 "Emergency Equipment Use" invoices, or combined for payment on a single Sub-Purchase Order (SPO).

The Faller, Chainsaw Operator, and Swamper are paid at the following Emergency Worker (EW) rates: **Faller - EW VIII; Chainsaw Operator - EW V; Swamper - EW III (3934.10)**. When hired as temporary state employees, Fallers, Chainsaw Operators, and Swampers are paid only for actual hours of assigned work (**no guarantee**).

90+ cc rate: The 90+ cc rate is reserved for ordered extra horsepower necessary to manage the felling of old growth, shattered snags and trees of exceptional size. Unpredictable risk and trees that require specialized equipment (i.e., tree jacks and a second saw) are factors to consider when ordering a faller with a saw of this size. Fallers will be paid a higher rate for larger saws, but only if the larger saw is ordered by the government.

CHAINSAWS USED BY ORGANIZED CREWS **7085.4.2**
(October 2002)

Payment for operation of chainsaws during firefighting assignments by organized fire crews, such as organized federal "Blue Card" crews, working under conditions of a California EERA, is made at the rate of **\$55.00 per day per saw**, for up to two saws, for all engine sizes. Payment to out-of-state Blue Card crews will be at the rate shown on their EERA. (3833.1.17a)

PRIVATELY-OWNED FIRE ENGINES **7085.5**
(October 2002)

During times of maximum incident commitment, CDF may have a need to hire privately-owned fire engines. The use of private fire engines can facilitate the rapid restoration of initial attack capabilities by making CDF engines available for initial attack/immediate need assignments. The preferred role for hired private fire engines is for mop-up, incident support, and rehabilitation, rather than initial attack. However, under conditions of extraordinary statewide commitment of resources, there may be times when their use in an initial attack role or other assignment is necessary. Such use will require the direct supervision of a CDF officer.

Nothing in this policy precludes the state from utilizing any agency or cooperator's resources first or replacing "hired fire engines" with any agency or cooperator's resources. (7760.1)

PRIVATE ENGINE COMPANY PERSONAL **7085.5.1**
PROTECTIVE EQUIPMENT
(October 2002)

All required PPE must be Cal-OSHA approved and will be provided by the contractor prior to any assignment. The contractor is responsible for assuring that all PPE is of the proper size and type, personnel are trained in its use and care, and that it is used as required by policy and statute. At the time of hire and for the duration of the incident, each engine company member shall have and maintain the following Personal Protective Equipment:

- Boots: leather, lace-up type, minimum 8 inches high with lug-type soles in good condition. Steel toe boots are not acceptable.
- Hard hat: plastic, Class B, ANSI Z89.1, OSHA approved, with chin strap
- Goggles: one pair per person
- Head lamp: with batteries and attachment for hard hat
- Fire shelter: NFPA approved

- Canteen: one quart size, three per person required, 4 per person recommended. Must be full upon arrival at incident.
- Flame resistant clothing (shirt and trousers): Cal-OSHA approved.
- Firefighter gloves, Cal-OSHA approved.

All personnel and resources must arrive with all required safety and other equipment in good repair and operating condition. (7761.4.5.1)

HIRED EQUIPMENT OPERATOR PERFORMANCE EVALUATIONS **7085.6**
(October 2002)

A Contractor/Vendor Performance Evaluation form ICS 230 **must** be completed by the immediate supervisor of all hired equipment operators at the end of each operational period to document exemplary, standard, or substandard performance. Supervisors will forward these evaluations to the Ground Support Unit Leader. (7761.2.8.7)

IMMEDIATE ACTION TO RESOLVE PROBLEMS **7085.7**
(October 2002)

Incident supervisors are responsible to take immediate action to resolve any issues that involve safety, productivity, operational effectiveness or any other issue that in any way compromises the incident operations. All violations of policy by CDF employees or by vendors and their employees will be referred, with documentation, to the Chief of the unit issuing the EERA, or his/her designee, for review and possible action.

All disputes between CDF employees and vendors or their employees will be resolved as soon as possible in a manner consistent with CDF policy. If immediate resolution is not possible, the dispute must be documented in writing and sent to the Chief Deputy Director within 10 days of the conclusion of the incident. (7761.2.8.8)

EMERGENCY HIRING OF PERSONNEL **7085.8**
(October 2002)

The following applies to employment for fire suppression on a temporary or emergency basis: 7761.1

- No one under 18 years of age shall be hired.
- No one convicted of arson shall knowingly be hired.
- No person should be hired to protect their own property or property bearing their interests.

- Volunteers requested by or receiving specific instructions from CDF officials may be hired.
- Volunteers must be properly clothed, physically qualified, properly trained and experienced.

HIRED EQUIPMENT TRANSPORTS **7085.9**
(October 2002)

RELEASE OF TRANSPORTS **7085.9.1**
(October 2002)

CDF will only pay for transport charges for haul-in and haul-out. **Once the dozer is unloaded, the transport is released. If incident needs require, we may independently hire transports for availability and incident equipment hauls. Transports retained for incident operations use will be on the Incident Action Plan and identified by request number. Signed shift tickets or vendor-provided documents are not adequate forms of documentation of authorization for this purpose. Incident support and operations personnel shall exercise extreme caution when approached by lowboy transport personnel requesting a signature for authorization for continued hire and use of this equipment.**
(3833.1.9)

(see next section)

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(see Forms or Forms Samples)