

OPERATIONS BULLETIN #36

Subject: Cal OES Model 18's - Freightliners

The construction and equipping of Cal OES Engine #s 314 – 338
Freightliner Business Class Cab/Chassis; Air Conditioned
Allison world Transmission, with Allison Retarder
800 Gallon Water Tank
FoamPro 2001 Class A Foam System
Second Set of Highside Compartments
Ladders in tunnel through water tank
Lightweight, Corrugated Hard Suctions
Scene Lighting Package with 3500 Watt Generator
Type 3 (light) Urban Search and Rescue Equipment Package

Due to the increased capabilities of these units, there are some operational, as well as logistical issues that must be addressed by engine assignees. These issues fall into three areas: Maintenance, Resupply, and Staffing.

MAINTENANCE

Class A Foam System – the inclusion of the Class A Foam System requires extra maintenance in terms of monthly inspection and cleaning of foam screens, and yearly draining and refilling of pump oil with SAE 30 weight non-detergent oil. The instructions for both operation and maintenance of the Class A Foam System can be found in **FoamPro Form #820, SYSTEM 2001 INSTALLATION & OPERATION MANUAL** furnished with the unit.

Generator – consult **Honda Power Equipment Owner's Manual EB3500X**, Page 26, for maintenance schedule for after each use, monthly, quarterly, semiannually, and yearly required maintenance. *Pay particular attention to checking the Ground Fault Circuit Interrupter for proper operation prior to each use.*

Chain Saw – consult **STIHL Owner's Manual**, page 24 for fuel mixing (brand name unleaded gasoline and STIHL two stroke engine oil @ 50:1). Chain oil should be SAE 30.

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RESUPPLY

Certain items associated with both the Class A Foam System and the US&R Cache will either need to be replaced or resupplied as they wear out or are consumed. The following list reflects these items and responsibility for replacement or resupply:

ITEM	RESPONSIBILITY
Class A Foam Concentrate*	Engine Assignee
2 cycle oil / bar oil	Engine Assignee
US&R software	Engine Assignee / Cal OES**
Life Safety Ropes	Engine Assignee / Cal OES***

* FoamPro recommends that only the following Class A Foam Concentrates be used in their systems: Angus FOREXPAN Forestry Foam, Ansul SILVEX, Chemonics FIRETROL 103 and 103B, Chemonics FIRETROL 104 (for cold temperature applications), MONSANTO 881. **DO NOT USE ANY OTHER PRODUCTS IN THE FOAMPRO SYSTEM.**

** **Damage** – If damaged on a local government incident, assignee replaces; if damaged on a state mobilization, Cal OES replaces.

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*** **Worn Out** - Cal OES replaces.

Assignee shall comply with all requirements of NFPA 1983, Standard on Fire Service Life Safety Rope and System Components, 1995 Edition. Rope Records Logs shall be kept on all life safety ropes and rope reuse shall be permitted only after the conditions as set forth in NFPA 1983, Section 3-6.1.2 have been met.

STAFFING

In order to utilize the Type 3 US&R tool complement and to meet ICS typing, all personnel staffing this unit shall have successfully completed Rescue Systems I as certified by the California State Fire Marshal, or have completed an equivalent course that meets or exceeds Rescue Systems I Curriculum.