

## FIX-N-FAX #67

### CALIFORNIA DEPARTMENT OF FORESTRY AND FIRE PROTECTION

No. 67

Date: August 1993

#### **Warning Lights on 89/90 Models #14 and #15**

The electric circuit that supplies the rotating reds in the light bar and wig wag headlights has been reported as marginal, causing intermittent failures of both warning devices.

It has been determined that the original wire size (14 ga.) and the circuit breaker (30A) are both inadequate to carry the load for long periods of time.

The diagram on the following page (Unitrol Model TM-4) illustrates the specified upgrade of the affected circuit. The heavy black line is the size increase to 10 gauge wire. Also shown is a circuit breaker upgrade to 50 amp.

#### **ENGINES**

<u>X-NUMBER</u>	<u>LICENSE</u>	<u>MAKE</u>	<u>PILOT</u>	<u>LOCATION</u>
04X050	881027	INTL	14	SONOMA
05X059	881026	INTL	15	FRESNO-KINGS
05X134	881023	INTL	15	SAN LUIS OBISPO
05X206	881025	INTL	15	TUOLUMNE- CALAVERAS
05X236	881024	INTL	15	SAN LUIS OBISPO

Note: The TM unitrol control heads provided in these vehicles have a five-year warranty from date placed in service.

