

## A COUPLE OF ITEMS FOR IGNITION FLYERS

The following articles were published in the June issue of The Coastal Flyer, the newsletter of the Central Coast SAM 26,  
Bob Angel, Editor

**FAULTY IGNITION RESISTORS:** Jim Bierbauer brought out two shiny new spark ignition powered ships and had engine flameouts in each after just a couple of minutes running time. The engines wouldn't re-start. We traced the problem to faulty 10K resistors in the high tension leads. Jim had bought and installed 2 new transistorized units from Aero-ply (Floyd Carter), along with laying in a third (spare) high tension lead. The extra lead was installed, and it too failed after a very short run time. We dissected the leads and found the 1/2 watt resistors seemed extra small even for 1/2 watt. We replaced them with 1 Watt resistors, which are working fine.

I phoned Floyd Carter to see if he was aware of the problem. He said he was, and that he had bought a batch from a different source, and apparently they were failing. He says he'll replace any faulty leads he's sold if you'll contact him and ask.

The 1/2 watt resistors are tempting to use because they make a much smaller, neater looking package. But I changed over to heavier 1 watt size several years ago after having a couple of failures of the 1/2 watt size after extended use. Lane Tufts, an occasional visitor from the Santa Paula area is our electronics consultant. He says that while the average power in the high-tension leads may be under 1/2 watt, the heavy voltage spike is still very hard on resistors, and he wonders how they last as long as they do. We seem to be proving him right. Incidentally, the resistors can fail through internal breakdown, yet still show 10K Ohms resistance on a meter. The only way to be sure when this happens, is to substitute leads, or jump the resistor temporarily.

**NEW LIGHTER WEIGHT COILS** have been announced by Larry Davidson. These are to be available in about 6 weeks at a cost of \$20 + \$5.50. Catch Larry at: 66 Casa Mia Cir. Moneta VA. 24121-5307 (540) 721-4563  
The weight savings of 8 grams is just Over 1/4 oz. and I believe the going price of Modelectrics is now up to around 28 bucks.

