

## **Champion Spark Plug REM38S, Mis-manufactured, ATA 7421**

(A Maule aircraft sporting a Lycoming IO540 engine is described in this report.)

"We installed new, fine-wire plugs (P/N REM38S) at 1,260 hours," says this submitter. "A problem with the plug's resistors was noticed—engine starting (was difficult) when hot. At Annual inspection, seven of the twelve plugs (were discovered) to have failed: the resistors were completely open—registering '1' on the OHM meter. The other five plugs were high—one at 36,000 OHMS. All of the plugs were removed and replaced."

Part Total Time 205.0 Hours