



# SCHWEIZER SERVICE LETTER

L-164  
27 Sep 1999

**SUBJECT:** NEW ELECTRIC DRIVEN AIRFRAME FUEL PUMP

**MODELS AFFECTED:** Models 269A, TH-55A and 269C Helicopters with 28 volt Electrical Systems

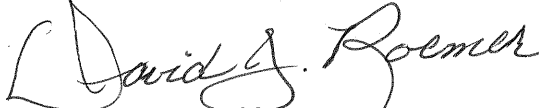
The 269A8311-5 auxiliary fuel pump assembly is a Weldon Tool Co. A8110-F assembly that is modified at Schweizer Aircraft Corp. (SAC) by installing a 7JX2105 capacitor to prevent radio interference during pump operation. This is done by modifying the electric motor housing and affixing the capacitor to the housing. This modification voids the manufacturer's warranty and does not provide the best radio noise filtering.

Because the pump is modified by SAC, it is required by FAA regulation that it be identified with a SAC part number. This makes SAC the sole source and forces the operator to purchase all replacement pumps from SAC.

To both improve the radio noise filtering and provide alternate sources for replacement pumps, SAC has designed a new 269A4090-1 assembly containing an external radio noise filter. The new filter is installed external to the pump housing under a preformed plastic cap that is attached to an unmodified Weldon pump. No alterations are required to the fuel system for installation of the new pump assembly. The new assembly is interchangeable with the 269A8311-5 pump assembly and fits into the original 914-250-D pump mounting bracket.

If the new pump fails, it can be replaced with a 269A8304-15 (Weldon A8110-F) pump assembly. The radio noise filter can be removed from the failed 269A4090-1 pump assembly and installed on the new pump. It will require some soldering of wires to accomplish the filter transfer. When removing the noise filter from the original pump, note the location and attachment of the parts and install it on the new pump in the same manner.

SCHWEIZER AIRCRAFT CORP.

  
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