



## SCHWEIZER SERVICE LETTER

**SUBJECT:** MODIFICATION KIT FOR 269D/330 START/GENERATOR ELECTRICAL SYSTEM

**MODELS EFFECTED:** All Model 269D/330 Helicopters Serial Numbers 0001 Through 0027 (except serial numbers 0006, 0012 and 0026 that were modified at factory).

**COMPLIANCE:** Highly recommended

Schweizer Aircraft Corp. has received several reports of Allison 250 C20W engines having problems with slow and hung starts. When these operators investigated the gas producer fuel control for proper start adjustments they found them to be within Allison's published limits. The problem was investigated by engineering in conjunction with the manufacturer of the Starter/Generator control unit. It was found that under certain conditions the control unit was putting out a signal to the generator portion of the Starter/Generator.

A new SA-269DK-022-1 kit has been developed to eliminate this problem. The kit contains a relay that is installed in the generator field circuit that locks out the generator portion of the Starter/Generator during starts. Testing has shown that with this kit installed, the start sequence is now being completed within 25 to 35 seconds compared to starts of 50 to 60 seconds without the kit installed. It is suggested that all 269D/330 helicopters listed in the above serial number group have this kit installed regardless of the fact that slow or hung starts are not occurring.

Contact your nearest authorized Schweizer Distributor or Service Center for price and availability of this kit.

**SCHWEIZER AIRCRAFT CORP.**

A handwritten signature in cursive script that reads 'David J. Roemer'.

David J. Roemer, Manager  
Customer Support Services