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SERVICE LETTER #41

DATE: October 19, 1994

SUBJECT: Charging System

APPLICABILITY: Models with Rotax 503, 582 or 618 engines.

COMPLIANCE: As required

FROM: SkyStar Engineering

It has been noticed that the charging system on some aircraft with a certain configuration are causing interference noise on the avionics system. The configuration is as follows:

1. Light duty voltage regulator. (P/N 49030.000)
2. No master solenoid installed.
3. 12 amp/hr. battery.

Their are two fixes for this problem:

1. Add a 22000 μ f Capacitor P/N66000.000 to the regulator wiring. The optional kit can be obtained from SkyStar. This is the less expensive method.
2. Replace the voltage regulator with a heavy duty regulator, P/N 46001.000. This regulator can be obtained from SkyStar. This is the preferred method.

If you have any questions concerning this letter, contact SkyStar technical services at 208-466-1711