

Airworthiness Directive Amendment 39-4173; AD 81-16-05

Federal Register Information

Header Information

DEPARTMENT OF TRANSPORTATION

Federal Aviation Administration

14 CFR Part 39

Amendment 39-4173; AD 81-16-05

Airworthiness Directives; SLICK ELECTRO, INC.

Magnetos

Preamble Information

AGENCY: Federal Aviation Administration, DOT

DATES: Effective August 6, 1981.

Regulatory Information

81-16-05 SLICK ELECTRO, INC.: Amendment 39-4173. Applies to the following Slick Magneto models and

serial numbers:

Magneto Model Numbers*

4250, 4250R 4251, 4251R 4216, 4216R

4230, 4230R 4252, 4252R 6210, 6210R

4201, 4201R 4281, 4281R 6214, 6214R

*All 4200 series magnetos use Slick Coil part number M-3114

All 6200 series magnetos use Slick Coil part number M-3009

Serial Numbers**

810000-8109999 9050000-9059999 9110000-9119999

8110000-8119999 9060000-9069999 9120000-9129999

8120000-8129999 9070000-9079999 0010000-0019999

9010000-9019999 9080000-9089999 0020000-0029999

9020000-9029999 9090000-9099999 0030000-0039999

9030000-9039999 9100000-9109999 0040000-0049999

9040000-9049999

**Year and month of manufacture is given by first three numbers of serial number; for example 9032575 was manufactured March 1979.

The above magneto models are installed on, but not limited to, the following engines:

Teledyne-Continental

A-65 C-90 O-470

A-75 O-200 IO-470

C-75 IO-360 IO-520

C-85 TSIO-360 TSIO-520

Lycoming

O-235-C2C O-320-D3G O-360-A4M

O-235-H2C O-320-E1J O-360-C1E

O-235-K2C O-320-E2D O-360-C1F

O-235-L2C O-320-E2G O-360-C2E

O-320-A2D O-320-E3D O-360-F1A6

O-320-D1D AEIO-320-E1B AEIO-360-B1G6

O-320-D2G AEIO-320-E2B AEIO-360-H1A

O-320-D2J O-360-A4K

To prevent magneto failure due to cracked coil, accomplish the following within the next 25 hours time

in service after the effective date of this AD unless already accomplished:

A. Remove magneto and visually inspect coil for cracks in accordance with Slick Electro, Inc. Service Bulletin No. 1-81 revised June 19, 1981.

B. Replace cracked coils and coils with less than 250 hours time in service with serviceable coils manufactured prior to October 1, 1978, or subsequent to April 30, 1980. The date of manufacture is stamped on each coil.

C. Accomplishment of this AD should be indicated by stamping the letter "C" into the metal name plate

following the last digit of the magneto serial number, as well as the appropriate logbook entry.

Alternate methods of compliance with this AD must be approved by the Chief, Engineering and Manufacturing Branch, FAA Great Lakes Region.

This amendment becomes effective August 6, 1981.

Not Required per Model Number