AD/ELECT/40 Slick Magneto Coil 11/81

Applicability: SLICK magnetos model No. 4201, 4201R, 4216, 4216R, 4230, 4230R, 4250, 4250R, 4251, 4251R, 4252, 4252R, 4281, 4281R, 6210, 6210R, 6214 and 6214R.

The Serial Number range of these magnetos includes:

8100000-8109999	October, 1978
8110000-8119999	November, 1978
8120000-8129999	December, 1978
9010000-9019999	January, 1979
9020000-9029999	February, 1979
9030000-9039999	March, 1979
9040000-9049999	April, 1979
9050000-9059999	May, 1979
9060000-9069999	June, 1979
9070000-9079999	July, 1979
9080000-9089999	August, 1979
9090000-9099999	September, 1979
9100000-9109999	October, 1979
9110000-9119999	November, 1979
9120000-9129999	December, 1979
0010000-0019999	January, 1980
0020000-0029999	February, 1980
0030000-0039999	March, 1980
0040000-0049999	April, 1980

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

0-235-H2C	0-320-E1J	0-360-C1E
0-235-K2C	0-320-E2D	0-360-C1F
0-235-L2C	0-320-E2G	0-360-C2E
0-320-A2D	0-320-E3D	0-360-F1A6
0-320-D1D	AEI0-320-E1B	AEI0-360-B1G6
0-320-D2G	AEI0-320-E2B	AEI0-360-H1A
0-320-D2J	0-360-A4K	
0-320-D3G	0-360-A4M	

Document: Slick SB1-81. Lycoming SB457A, Cessna SIL SE81-30 and FAA AD 81-16-05 also refer.

Compliance: Within the next 100 hours time in service after 30 November 1981.

Background: The manufacturer has indicated that a situation exists in a certain group of coils that could facilitate cracking of the coil potting compound and a subsequent shorting failure. The above group include coils which have already failed in service both in Australia and overseas.