

TEXTRON Lycoming

652 Oliver Street
Williamsport, PA 17701 U.S.A.
570/323-8181

SERVICE INSTRUCTION

DATE: January 11, 2001

Service Instruction No. 1500
Engineering Aspects are
FAA Approved

SUBJECT: Counterweight Roller Change for Robinson Helicopter

MODELS AFFECTED: All O-540-F1B5 model engines installed in Robinson R-44 helicopters.

TIME OF COMPLIANCE: At overhaul.

Textron Lycoming has revised the counterweight tuning to lessen vibration characteristics for the O-540-F1B5 model engine installed in those Robinson R-44 helicopter which use the new Robinson fanshaft P/N C007-5.

At engine overhaul, install the new P/N 14W22647 rollers in place of P/N 72022 rollers. The new fanshaft P/N C007-5 (upgrade required per Robinson R-44 Service Bulletin No. SB-14) must also be installed.

Make an appropriate log book entry to show that the conversion has been made.