



**HUGHES
SERVICE INFORMATION
LETTER**

LETTER NO. L-72

DATE 1 NOV 1972

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TO—All owners and operators of Hughes Helicopters

SUBJECT: LYCOMING SERVICE INSTRUCTION NO. 1255, DATED 4 AUGUST 1972 -
SUBJECT: THERMOSTATIC OIL COOLER BYPASS VALVE
REPLACEMENT

MODELS AFFECTED: All Model 269 Series Helicopters

Reference

269 Series - Basic HMI, Issued 1 Feb 1972; Revision No. 2, 1 Nov 1972

Your attention is directed to the subject Lycoming Service Instruction No. 1255 reprinted as part of this Service Information Letter.

The Service Instruction illustrates the difference in construction of the thermostatic oil cooler bypass valve PN 75944 and its alternate PN LW-10269, and specifies replacement of the alternate valve if installed, to preclude any possible high temperature malfunction.

The manufacturer recommends to owners and operators that compliance with the Lycoming Service Instruction be accomplished as specified.

Edward Koch, Manager
Customer Service Department
Hughes Tool Company

AVCO LYCOMING DIVISION
WILLIAMSPORT, PENNSYLVANIA 17701

Service Instruction



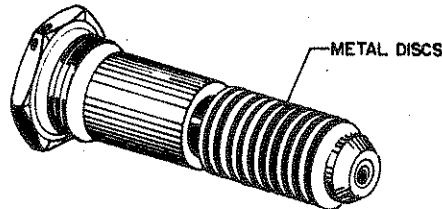
DATE: August 4, 1972

Service Instruction No. 1255
Engineering Aspects are
FAA (DEER) Approved

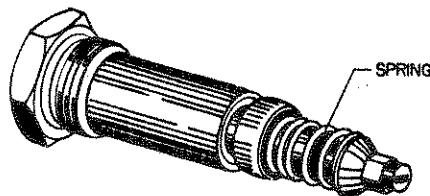
SUBJECT: Thermostatic Oil Cooler Bypass Valve Replacement
MODELS AFFECTED: Avco Lycoming engines using thermostatic oil cooler by-pass valve except O-235 series; O-320 series engine that are not equipped with AC full flow oil filters are also exempt from the replacement requirements of this instruction.
TIME OF COMPLIANCE: At 100 hour inspection or when high oil temperature is noted.

The illustration shows the difference in construction of the thermostatic oil cooler bypass valve P/N 75944 and its alternate P/N LW-10269.

It has been determined that the alternate valve LW-10269 does not function properly in some instances. Therefore, it is recommended that the thermostatic bypass valve LW-10269 be replaced by 75944 immediately if high oil temperatures have been encountered or at the next 100 hour inspection to forestall any possible future high temperature malfunction.



P/N LW 10269



P/N 75944

Temperature Control and Oil Cooler Bypass Valves

16807, 17167 - These numbers for Avco Lycoming reference only.