



**HUGHES  
SERVICE INFORMATION  
LETTER**

LETTER NO. L-15.1

DATE February 21, 1967

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(Supersedes Service  
Information Letter L-15  
dated January 13, 1967)

TO—All owners and operators of Hughes Helicopters

SUBJECT:                   DEFINITION - LIMITED LIFE PARTS

MODELS AFFECTED: All Model Helicopters.

Questions received by the manufacturer indicate that the meaning of "limited life" is not properly understood, therefore, the required steps are not always taken when a "limited life" part has accumulated its designated maximum time of service.

A "limited life" item is a physical component of the machine. The items are noted in the Handbook of Maintenance Instructions, "Limited Life and Component Overhaul List" and are identified by nomenclature, part number, serial number, and an assigned number of hours of operation. For example, a part may accumulate 1000 hours operation in service. Upon completion of 1000 hours of service, the useful life of this part is ended, hence, the term "limited life". The number of hours assigned to different parts will vary according to engineering fatigue tests, past experience, if available, etc.

When a "limited life" item, or an assembly which incorporates a limited life item, is installed on a new or used aircraft, the nomenclature, part number, serial number and current aircraft hours are recorded in the Log Book

Whether the "limited life" item is new or used, the number of hours of useful life is added to the aircraft time. The total aircraft hours obtained then denotes the time at which the item must be removed from the aircraft. An entry is made in the Log Book when the life expectancy hours are terminated and the item is removed and retired from service.

If a limited life item is a part of an assembly, the assembly must be removed from the rotorcraft when the life time expires. The assembly may be overhauled and (0) zero timed by replacing the limited life parts plus all others called out in the overhaul instructions.

HELICOPTER SUPPORT SERVICES • HUGHES TOOL COMPANY • AIRCRAFT DIVISION • CULVER CITY, CALIFORNIA

