

R22 SERVICE LETTER SL-67

DATE: 04 April 2016

TO: R22 Owners, Operators, and Maintenance Personnel

SUBJECT: Collective-Activated Hourmeter

BACKGROUND: A revision to the R22 Maintenance Manual (MAR 2016 or subsequent) Airworthiness Limitations allows the operator to track time in service based on flight (collective up) time as recorded by a collective-activated hourmeter, or based on engine run time as recorded by an oil-pressure-activated hourmeter.

COMPLIANCE PROCEDURE:

Current production R22s are equipped with a collective-activated hourmeter; earlier R22s are equipped with an oil-pressure-activated hourmeter. Either type of hourmeter may be used to track time in service, however, the applicable Airworthiness Limitations must be complied with. Numerical values for maximum service lives depend on the tracking method used.

A field kit is available to retrofit earlier R22s with a collective-activated hourmeter which can extend service intervals. Installation of A158-3 (main rotor blade) spindles and B370-1 (main rotor) hub (refer to R22 Service Letter SL-68) is recommended to maximize the benefit of a collective-activated hourmeter.

Once a collective-activated hourmeter is installed, the flight (collective up) time Airworthiness Limitations must be complied with. Additional calculations are not required; use hourmeter indication and follow new maximum service lives.

Approximate Cost:

Parts: \$45 for [KI-238 R22 Collective-Activated Hourmeter Installation Kit](#).