

R22 SERVICE LETTER SL-88B
(supersedes R22 SL-88A)

DATE: 11 March 2020

REV B: 7 July 2021

TO: R22-series Owners, Operators, and Maintenance Personnel

SUBJECT: A792-5 Dual Tachometer

BACKGROUND: Stock of A792-4 dual tachometers is limited. A new A792-5 dual tachometer supersedes A792-4 tachometers and is functionally interchangeable. A B792-1 (adapter) harness assembly is required to connect A792-5 tachometers to airframe wiring on earlier R22s.

A792-5 dual tachometers include circuits to enable a high-rotor rpm audio alert as well as engine start-up overspeed protection, both of which became standard features in R22 S/N 4825 & subsequent; earlier A792-4 tachometers will neither connect nor function in these helicopters. For details refer to R22 Electrical System Installation schematic marked "A024 Revision BS" (or subsequent) in [R22 Maintenance Manual](#).

Supply chain disruptions have resulted in shortages of new A792-5 dual tachometers. To minimize downtime, existing A792-4 dual tachometers due for overhaul may continue in service an additional 500 hours or 12 months, or until 31 December 2021, whichever occurs first.

COMPLIANCE PROCEDURE:

When replacing an A792-4 tachometer with an A792-5 tachometer, install B792-1 dual tachometer (adapter) harness assembly between tachometer & airframe harness, and tighten two screws on both connectors. Secure B792-1 harness as required with ty-raps.

NOTE

To access rotor tachometer adjustment screw on back of case, gently lift corner of serial number sticker marked "ROTOR TACH ADJ".